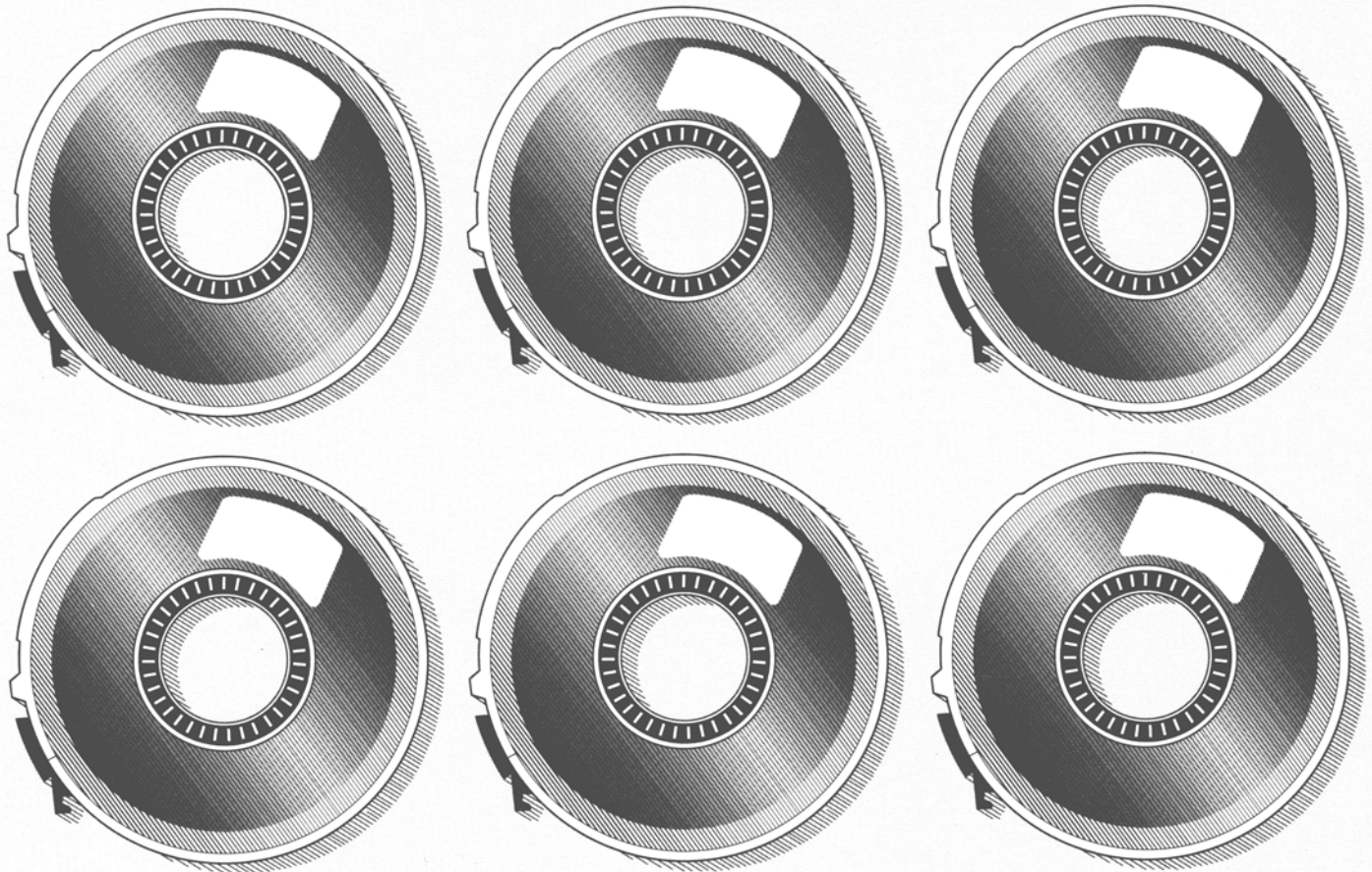


Public Use Data Tape Documentation

1991 Fetal Deaths Detail Record

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

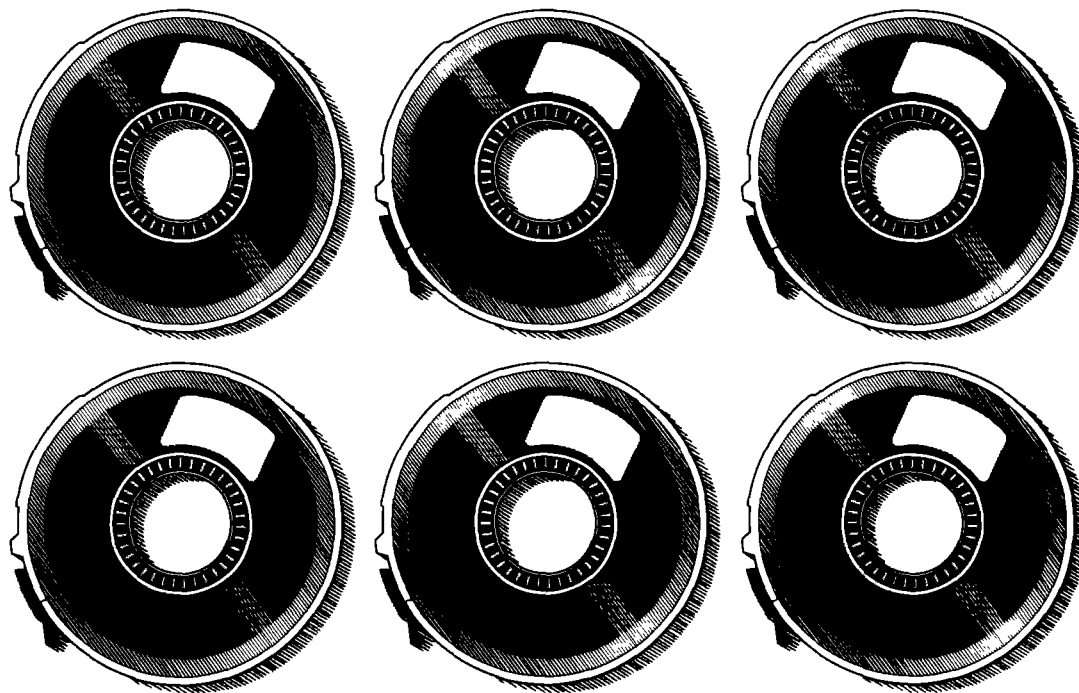


U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control and Prevention
National Center for Health Statistics



Public Use Data Tape Documentation

1991 Fetal Deaths Detail Record



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

Hyattsville, Maryland
October 1994

Documentation of the Fetal Death Tape File for 1991 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 1991 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.

The Office of Management and Budget revised its designation of metropolitan statistical areas based on figures from the 1990 Census. Effective with the 1990 data file, NCHS has been using these new definitions and codes as indicated in the listing of 320 Metropolitan Statistical Areas (MSAs), Primary Metropolitan Statistical Areas (PMSAs), and New England County Metropolitan Areas (NECMSs) included in this documentation. There are also 20 Consolidated Metropolitan Statistical Areas (CMSAs), which are made up of PMSAs. Other geographic changes based on the 1990 Census will be implemented later.

NCHS has adopted a new policy on release of vital statistics unit record data files. This new policy was implemented with 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 and cities of 100,000 or more population based on the 1980 Census as well as metropolitan areas of 100,000 or more population based on the 1990 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. 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, one reel
4. Record format: Blocked, fixed format
5. Record count: 63,265
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: 63,265
b. By residence: 63,212
c. To foreign residents: 53

20 WEEKS AND OVER:
a. By occurrence: 30,185
b. By residence: 30,160
c. To foreign residents: 25

**1991 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> 1991 ... 1991
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.

**1991 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

1991 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

1991 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

**1991 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</u>

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

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

**1991 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

**1991 FETAL DEATHS
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
17-18	2	<p><u>STATEFET</u> <u>State of Occurrence Cont'd</u></p> <p>25 ... Mississippi 26 ... Missouri 27 ... Montana 28 ... Nebraska 29 ... Nevada 30 ... New Hampshire 31 ... New Jersey 32 ... New Mexico 33 ... New York 34 ... North Carolina 35 ... North Dakota 36 ... Ohio 37 ... Oklahoma 38 ... Oregon 39 ... Pennsylvania 40 ... Rhode Island 41 ... South Carolina 42 ... South Dakota 43 ... Tennessee 44 ... Texas 45 ... Utah 46 ... Vermont 47 ... Virginia 48 ... Washington 49 ... West Virginia 50 ... Wisconsin 51 ... Wyoming</p>
19-21	3	<p><u>CNTYFET</u> <u>County of Occurrence</u></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 and State and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document.</p>

1991 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>

1991 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

1991 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 ... <u>Foreign residents</u>
		1 ... <u>NORTHEAST</u>
		1 ... <u>New England</u>
		1 ... Maine
		2 ... New Hampshire
		3 ... Vermont
		4 ... Massachusetts
		5 ... Rhode Island
		6 ... Connecticut
		2 ... <u>Middle Atlantic</u>
		1 ... New York
		2 ... New Jersey
		3 ... Pennsylvania
		2 ... <u>MIDWEST</u>
		3 ... <u>East North Central</u>
		1 ... Ohio
		2 ... Indiana
		3 ... Illinois
		4 ... Michigan
		5 ... Wisconsin
		4 ... <u>West North Central</u>
		1 ... Minnesota
		2 ... Iowa
		3 ... Missouri
		4 ... North Dakota
		5 ... South Dakota
		6 ... Nebraska
		7 ... Kansas

1991 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

**1991 FETAL DEATHS
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
31-32	2	<p><u>STRESEXP</u> <u>Expanded State of Residence</u></p> <p>This item is designed to separately identify New York city records from other New York State records.</p>
		<ul style="list-style-type: none"> 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

1991 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

1991 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

**1991 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>

**1991 FETAL DEATHS
DETAIL RECORD**

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

1991 FETAL DEATHS
 DETAIL RECORD

<u>Item</u> <u>Location</u>	<u>Item</u> <u>Length</u>	<u>Variable Name,</u> <u>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

**1991 FETAL DEATHS
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
45-47	3	<u>CNTYRFIP</u> <u>County of Residence (FIPS)</u> 000 ... Foreign residents 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.
48-52	5	<u>R1</u> <u>Reserved Positions</u>
53-54	2	<u>CMSA</u> <u>CMSA of Residence (FIPS)</u> Consolidated Metropolitan Statistical Areas are groupings of certain Primary Metropolitan Statistical Areas and are defined by the U.S. Office of Management and Budget (OMB) as of June 30, 1990. 00 ... Not a CMSA 07 ... Boston - Lawrence-Salem, MA-NH 10 ... Buffalo - Niagara Falls, NY 14 ... Chicago - Gary-Lake County, IL-IN-WI 21 ... Cincinnati - Hamilton, OH-KY-IN 28 ... Cleveland - Akron-Lorain, OH 31 ... Dallas - Fort Worth, TX 34 ... Denver - Boulder, CO 35 ... Detroit - Ann Arbor, MI 41 ... Hartford - New Britain-Middletown, CT 42 ... Houston - Galveston-Brazoria, TX 49 ... Los Angeles-Anaheim-Riverside, CA 56 ... Miami - Fort Lauderdale, FL 63 ... Milwaukee - Racine, WI 70 ... New York-Northern New Jersey-Long Island, NY-NJ-CT 77 ... Philadelphia - Wilmington-Trenton, PA-NJ-DE-MD 78 ... Pittsburgh - Beaver Valley, PA 79 ... Portland - Vancouver, OR-WA 80 ... Providence - Pawtucket-Fall River, RI-MA 84 ... San Francisco-Oakland-San Jose, CA 91 ... Seattle - Tacoma, WA

**1991 FETAL DEATHS
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
55-58	4	<p><u>SMSARFIP</u> <u>PMSA/MSA of Residence (FIPS)</u></p> <p>Primary Metropolitan Statistical Areas and Metropolitan Statistical Areas are those defined by the U.S. Office of Management and Budget as of June 30, 1990. For New England, the New England County Metropolitan Areas (NECMS's) are used.</p> <p>Further back in this document is a list of PMSA's, MSA's, NECMS's, and their component counties.</p> <p>0000 ... Nonmetropolitan counties or foreign residents 0040-9360 ... Code range 9999 ... Area of less than 100,000 population</p>
59	1	<p><u>CNTRSPOP</u> <u>Population Size of County of Residence</u></p> <p>Based on the results of the 1980 Census.</p> <p>0 ... County of 1,000,000 or more 1 ... County of 500,000 to 1,000,000 2 ... County of 250,000 to 500,000 3 ... County of 100,000 to 250,000 9 ... County of Less than 100,000 Z ... Foreign resident</p>
60-68	9	<p><u>RIA</u> <u>Reserved Positions</u></p>
69	1	<p><u>MAGERFLG</u> <u>Reported Age of Mother Used Flag</u></p> <p>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.</p> <p>Blank ... Reported age is not used 1 ... Reported age is used</p>
70	1	<p><u>MAGEIMP</u> <u>Age of Mother Imputation Flag</u></p> <p>Blank ... Age is not imputed 1 ... Age is imputed</p>
71-72	2	<p><u>DMAGE</u> <u>Age of Mother</u></p> <p>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.</p> <p>10-49 ... Age is single years</p>

**1991 FETAL DEATHS
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
73-74	2	<p><u>MAGE12</u> <u>Age of Mother Recode 12</u></p> <p>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</p>
75	1	<p><u>MAGE8</u> <u>Age of Mother Recode 8</u></p> <p>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</p>
76	1	<p><u>ORMOTH</u> <u>Hispanic Origin of Mother</u></p> <p>Origin is not reported by all areas. See reporting flags.</p> <p>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</p>

**1991 FETAL DEATHS
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
77	1	<p><u>ORRACEM</u> <u>Hispanic Origin and Race of Mother Recode</u></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><u>MRACEIMP</u> <u>Race of Mother Imputation Flag</u></p> <p>Blank ... Race is not imputed 1 ... Race is imputed</p>
79-80	2	<p><u>MRACE</u> <u>Race of Mother</u></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>

1991 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>RIC</u> <u>Reserved Position</u></p>

1991 FETAL DEATHS
DETAIL RECORD

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

1991 FETAL DEATHS
DETAIL RECORD

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

1991 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

1991 FETAL DEATHS
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
116	1	<p><u>MPRE5</u> <u>Month Prenatal Care Began Recode 5</u></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><u>NPREVIST</u> <u>Total Number of Prenatal Visits</u></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><u>NPREV12</u> <u>Number of Prenatal Visits Recode</u></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>

**1991 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> 1990 ... 1990 1991 ... 1991 9999 ... Unknown or not stated year of LMP

**1991 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> 1900-1991 ... 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

**1991 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> <p>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.</p> Blank ... Reported age is not used 1 ... Reported age is used
161-162	2	<u>DFAGE</u> <u>Age of Father</u> <p>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.</p> 10-98 ... Age is single years 99 ... Unknown or not stated
163-164	2	<u>FAGE11</u> <u>Age of Father Recode</u> <p>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</p>
165	1	<u>ORFATH</u> <u>Hispanic Origin of Father</u> <p>Origin is not reported by all areas. See reporting flags.</p> 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

1991 FETAL DEATHS
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
166	1	<p><u>ORRACEF</u> <u>Hispanic Origin and Race of Father Recode</u></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><u>FRACE</u> <u>Race of Father</u></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><u>FRACE4</u> <u>Race of Father Recode</u></p> <p>1 ... White 2 ... Race other than White, Black, or unknown 3 ... Black 4 ... Unknown or not stated</p>

**1991 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> <table border="0"> <tr><td>00</td><td>...</td><td>No formal education</td></tr> <tr><td>01-08</td><td>...</td><td>Years of elementary school</td></tr> <tr><td>09</td><td>...</td><td>1 year of high school</td></tr> <tr><td>10</td><td>...</td><td>2 years of high school</td></tr> <tr><td>11</td><td>...</td><td>3 years of high school</td></tr> <tr><td>12</td><td>...</td><td>4 years of high school</td></tr> <tr><td>13</td><td>...</td><td>1 year of college</td></tr> <tr><td>14</td><td>...</td><td>2 years of college</td></tr> <tr><td>15</td><td>...</td><td>3 years of college</td></tr> <tr><td>16</td><td>...</td><td>4 years of college</td></tr> <tr><td>17</td><td>...</td><td>5 or more years of college</td></tr> <tr><td>99</td><td>...</td><td>Non stated</td></tr> </table>	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
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99	...	Non stated																																				
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> <table border="0"> <tr><td>1</td><td>...</td><td>0 - 8 years</td></tr> <tr><td>2</td><td>...</td><td>9 - 11 years</td></tr> <tr><td>3</td><td>...</td><td>12 years</td></tr> <tr><td>4</td><td>...</td><td>13 - 15 years</td></tr> <tr><td>5</td><td>...</td><td>16 years and over</td></tr> <tr><td>6</td><td>...</td><td>Not stated</td></tr> </table>	1	...	0 - 8 years	2	...	9 - 11 years	3	...	12 years	4	...	13 - 15 years	5	...	16 years and over	6	...	Not stated																		
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173-174	2	<p><u>DFAGERPT</u> <u>Reported Age of Father</u></p> <table border="0"> <tr><td>10-98</td><td>...</td><td>Age in single years</td></tr> <tr><td>99</td><td>...</td><td>Unknown or not stated</td></tr> </table>	10-98	...	Age in single years	99	...	Unknown or not stated																														
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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> <table border="0"> <tr><td>Blank</td><td>...</td><td>Month is not imputed</td></tr> <tr><td>1</td><td>...</td><td>Month is imputed</td></tr> </table>	Blank	...	Month is not imputed	1	...	Month is imputed																														
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1991 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> 1991 ... 1991
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

1991 FETAL DEATHS
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
195	1	<p><u>GESTESTM</u> <u>Clinical Estimate of Gestation Used Flag</u></p> <p>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.</p> <p>Blank ... Clinical estimate is not used 1 ... Clinical estimate is used</p>
196	1	<p><u>GESTIMP</u> <u>Gestation Imputation Flag</u></p> <p>Blank ... Gestation is not imputed 1 ... Gestation is imputed</p>
197-198	2	<p><u>DGESTAT</u> <u>Gestation</u></p> <p>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.</p> <p>02-47 ... 2nd through 47th week of gestation 99 ... Unknown</p>

**1991 FETAL DEATHS
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>																																				
199-200	2	<p><u>GESTAT12</u> <u>Gestation Recode 12</u></p> <table border="0"> <tr><td>01</td><td>...</td><td>Under 16 weeks</td></tr> <tr><td>02</td><td>...</td><td>16-19 weeks</td></tr> <tr><td>03</td><td>...</td><td>20-23 weeks</td></tr> <tr><td>04</td><td>...</td><td>24-27 weeks</td></tr> <tr><td>05</td><td>...</td><td>28-31 weeks</td></tr> <tr><td>06</td><td>...</td><td>32-35 weeks</td></tr> <tr><td>07</td><td>...</td><td>36 weeks</td></tr> <tr><td>08</td><td>...</td><td>37-39 weeks</td></tr> <tr><td>09</td><td>...</td><td>40 weeks</td></tr> <tr><td>10</td><td>...</td><td>41 weeks</td></tr> <tr><td>11</td><td>...</td><td>42 weeks and over</td></tr> <tr><td>12</td><td>...</td><td>Unknown</td></tr> </table>	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
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10	...	41 weeks																																				
11	...	42 weeks and over																																				
12	...	Unknown																																				
201	1	<p><u>GESTAT5</u> <u>Gestation Recode 5</u></p> <table border="0"> <tr><td>1</td><td>...</td><td>Under 20 weeks</td></tr> <tr><td>2</td><td>...</td><td>20-23 weeks</td></tr> <tr><td>3</td><td>...</td><td>24-27 weeks</td></tr> <tr><td>4</td><td>...</td><td>28 weeks and over</td></tr> <tr><td>5</td><td>...</td><td>Unknown</td></tr> </table>	1	...	Under 20 weeks	2	...	20-23 weeks	3	...	24-27 weeks	4	...	28 weeks and over	5	...	Unknown																					
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3	...	24-27 weeks																																				
4	...	28 weeks and over																																				
5	...	Unknown																																				
202	1	<p><u>FSEXIMP</u> <u>Sex Imputation Flag</u></p> <p>Sex is imputed only for those records with stated or presumed period of gestation of 20 weeks or more.</p> <table border="0"> <tr><td>Blank</td><td>...</td><td>Sex is not imputed</td></tr> <tr><td>1</td><td>...</td><td>Sex is imputed</td></tr> </table>	Blank	...	Sex is not imputed	1	...	Sex is imputed																														
Blank	...	Sex is not imputed																																				
1	...	Sex is imputed																																				
203	1	<p><u>FSEX</u> <u>Sex</u></p> <table border="0"> <tr><td>1</td><td>...</td><td>Male</td></tr> <tr><td>2</td><td>...</td><td>Female</td></tr> <tr><td>9</td><td>...</td><td>Unknown or not stated</td></tr> </table>	1	...	Male	2	...	Female	9	...	Unknown or not stated																											
1	...	Male																																				
2	...	Female																																				
9	...	Unknown or not stated																																				

1991 FETAL DEATHS
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
204-205	2	<p><u>RACEF</u> <u>Race of Fetus</u></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><u>FRACE3</u> <u>Race of Fetus Recode</u></p> <p>1 ... White 2 ... Races other than White or Black 3 ... Black</p>
207-210	4	<p><u>DBIRWT</u> <u>Weight at Delivery</u></p> <p>0000-8165 ... Number of grams 9999 ... Unknown or not stated</p>
211-212	2	<p><u>BIRWT14</u> <u>Weight at Delivery Recode 14</u></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>

**1991 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 grams 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>

**1991 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>

1991 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.<30/Hqb.<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>

1991 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>

1991 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

1991 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

1991 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>

1991 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 (>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 (>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 (<3 hours)</u>
271	1	<u>PROLONG</u> <u>Prolonged labor (>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>

1991 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>OTHERLE</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>

1991 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>

1991 FETAL DEATHS
 DETAIL RECORD

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

1991 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

**1991 FETAL DEATHS
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
341-356	16	<u>RBA</u> <u>Reserved Positions</u>
357-359	3	<u>SMSARES</u> <u>NCHS Standard Metropolitan Statistical Area (SMSA) OF Residence</u> Based on residence of the mother. Primary Metropolitan Statistical Areas and Metropolitan Statistical Areas are those defined by the U.S. Office of Managemnt and Budget (OMB) as of June 30, 1990. For New England, the New England county Metropolitan Areas (NECMA's) are used. Further back in this document is a list of SMSA's and their component counties. 000 ... Nonmetropolitan counties 001-320 ... Code range 999 ... Area of less than 100,000 population ZZZ ... Foreigh residents
360	1	<u>POPSMAS</u> <u>SMSA Population Size</u> Based on the results of the 1990 Census. 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 ... Foreigh resident

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
01				Alabama	01
	001	196	1	Autauga	001 5240
			030 6	Prattville, part	
			999 9	Balance of county	
	002	192	1	Baldwin	003 5160
	003	000	2	Barbour	005 0000
			013 6	Eufaula	
			999 9	Balance of county	
	004	000	2	Bibb	007 0000
	005	037	1	Blount	009 1000
	006	000	2	Bullock	011 0000
	007	000	2	Butler	013 0000
	008	015	1	Calhoun	015 0450
			004 5	Anniston	
			999 9	Balance of county	
	009	000	2	Chambers	017 0000
	010	000	2	Cherokee	019 0000
	011	000	2	Chilton	021 0000
	012	000	2	Choctaw	023 0000
	013	000	2	Clarke	025 0000
	014	000	2	Clay	027 0000
	015	000	2	Cleburne	029 0000
	016	000	2	Coffee	031 0000
			012 6	Enterprise, part	
			999 9	Balance of county	
	017	100	1	Colbert	033 2650
			034 6	Sheffield	
			999 9	Balance of county	
	018	000	2	Conecuh	035 0000
	019	000	2	Coosa	037 0000
	020	000	2	Covington	039 0000
			003 6	Andalusia	
			999 9	Balance of county	
	021	000	2	Crenshaw	041 0000
	022	000	2	Cullman	043 0000
			009 6	Cullman	
			999 9	Balance of county	
	023	085	1	Dale	045 2180
			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	196	1	Elmore	051 5240
			030 6	Prattville, part	
			999 9	Balance of county	
	027	000	2	Escambia	053 0000
	028	111	1	Etowah	055 2880
			017 5	Gadsden	
			999 9	Balance of county	
	029	000	2	Fayette	057 0000
	030	000	2	Franklin	059 0000
	031	000	2	Geneva	061 0000
	032	000	2	Greene	063 0000
	033	000	2	Hale	065 0000
	034	000	2	Henry	067 0000
	035	085	1	Houston	069 2180
			011 5	Dothan, part	
			999 9	Balance of county	
	036	000	2	Jackson	071 0000
			032 6	Scottsboro	
			999 9	Balance of county	
	037	037	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
01					Alabama	01	
			040	6	Vestavia Hills		
			999	9	Balance of county		
038	000	2	999	9	Lamar	075	0000
039	100	1			Lauderdale	077	2650
			015	5	Florence		
			999	9	Balance of county		
040	080	1	999	9	Lawrence	079	2030
041	000	2			Lee	081	0000
			006	5	Auburn		
			027	6	Opelika		
			029	5	Phenix City, part		
			999	9	Balance of county		
042	000	2			Limestone	083	0000
			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	132	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	000	2			Marshall	095	0000
			001	6	Albertville		
			999	9	Balance of county		
049	192	1			Mobile	097	5160
			023	3	Mobile		
			031	5	Prichard		
			999	9	Balance of county		
050	000	2	999	9	Monroe	099	0000
051	196	1			Montgomery	101	5240
			024	3	Montgomery		
			999	9	Balance of county		
052	080	1			Morgan	103	2030
			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	071	1			Russell	113	1800
			029	5	Phenix City, part		
			999	9	Balance of county		
058	037	1	999	9	St. Clair	115	1000
059	037	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	296	1			Tuscaloosa	125	8600
			026	6	Northport		
			038	4	Tuscaloosa		
			999	9	Balance of county		
064	037	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 Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes	
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
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 Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.					FIPS Codes		
Vital Statistics Codes					St Cnty MSA		
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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	226	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	294	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	320	1		Yuma		027 9360
				017	5 Yuma		
				999	9 Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes		
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
04				Arkansas	05	
	001	000	2	Arkansas		001 0000
			025 6	Stuttgart		
			999 9	Balance of county		
	002	000	2	Ashley		003 0000
	003	000	2	Baxter		005 0000
	004	000	2	Benton		007 0000
			020 6	Rogers		
			024 6	Springdale, part		
			999 9	Balance of county		
	005	000	2	Boone		009 0000
	006	000	2	Bradley		011 0000
	007	000	2	Calhoun		013 0000
	008	000	2	Carroll		015 0000
	009	000	2	Chicot		017 0000
	010	000	2	Clark		019 0000
			001 6	Arkadelphia		
			999 9	Balance of county		
	011	000	2	Clay		021 0000
	012	000	2	Cleburne		023 0000
	013	000	2	Cleveland		025 0000
	014	000	2	Columbia		027 0000
			015 6	Magnolia		
			999 9	Balance of county		
	015	000	2	Conway		029 0000
	016	000	2	Craighead		031 0000
			013 5	Jonesboro		
			999 9	Balance of county		
	017	106	1	Crawford		033 2720
			027 6	Van Buren		
			999 9	Balance of county		
	018	185	1	Crittenden		035 4920
			029 5	West Memphis		
			999 9	Balance of county		
	019	000	2	Cross		037 0000
	020	000	2	Dallas		039 0000
	021	000	2	Desha		041 0000
	022	000	2	Drew		043 0000
	023	171	1	Faulkner		045 4400
			005 6	Conway		
			999 9	Balance of county		
	024	000	2	Franklin		047 0000
	025	000	2	Fulton		049 0000
	026	000	2	Garland		051 0000
			011 5	Hot Springs		
			999 9	Balance of county		
	027	000	2	Grant		053 0000
	028	000	2	Greene		055 0000
			018 6	Paragould		
			999 9	Balance of county		
	029	000	2	Hempstead		057 0000
			010 6	Hope		
			999 9	Balance of county		
	030	000	2	Hot Spring		059 0000
			016 6	Malvern		
			999 9	Balance of county		
	031	000	2	Howard		061 0000
	032	000	2	Independence		063 0000
	033	000	2	Izard		065 0000
	034	000	2	Jackson		067 0000
	035	227	1	Jefferson		069 6240
			019 4	Pine Bluff		
			999 9	Balance of county		
	036	000	2	Johnson		071 0000
	037	000	2	Lafayette		073 0000
	038	000	2	Lawrence		075 0000
	039	000	2	Lee		077 0000
	040	000	2	Lincoln		079 0000
	041	000	2	Little River		081 0000
	042	000	2	Logan		083 0000
	043	171	1	Lonoke		085 4400
	044	000	2	Madison		087 0000
	045	000	2	Marion		089 0000
	046	290	1	Miller		091 8360
			026 6	Texarkana		

Vital Statistics Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	171	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	171	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	106	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	098	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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
05				California	06
	001	210	1	Alameda	001 5775
			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	064	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	210	1	Contra Costa	013 5775
			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	250	1	El Dorado	017 6920
			226 6	South Lake Tahoe	
			999 9	Balance of county	
	010	110	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	Calxico	
			060 6	El Centro	
			999 9	Balance of county	
	014	000	2	999 9 Inyo	027 0000
	015	024	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	174	1	Los Angeles	037 4480
			003 4	Alhambra	
			006 5	Arcadia	
			009 6	Artesia	
			012 5	Azusa	
			014 4	Baldwin Park	

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	261	1		Marin	041 7360
	103	6		Larkspur	
	128	6		Mill Valley	
	145	5		Novato	
	188	6		San Anselmo	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	186	1		Merced	047 4940
			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	256	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	299	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	250	1		Placer	061 6920
			185 6	Roseville	
			999 9	Balance of county	
032	000	2	999 9	Plumas	063 0000
033	245	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	250	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	245	1		San Bernardino	071 6780
			016 6	Barstow	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	260	1		San Diego	073 7320
			032 5	Carlsbad	
			039 4	Chula Vista	
			047 6	Cronado	
			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	261	1	197 1	San Francisco, coext. with San Francisco city	075 7360
039	284	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	261	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	263	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	262	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
05				California	06
			232 3	Sunnyvale	
			999 9	Balance of county	
044	264	1		Santa Cruz	087 7485
			212 5	Santa Cruz	
			249 6	Watsonville	
			999 9	Balance of county	
045	241	1		Shasta	089 6690
			174 5	Redding	
			999 9	Balance of county	
046	000	2	999 9	Sierra	091 0000
047	000	2	999 9	Siskiyou	093 0000
048	299	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	266	1		Sonoma	097 7500
			161 5	Petaluma	
			183 6	Rohnert Park	
			217 4	Santa Rosa	
			999 9	Balance of county	
050	193	1		Stanislaus	099 5170
			035 6	Ceres	
			130 3	Modesto	
			238 5	Turlock	
			999 9	Balance of county	
051	319	1		Sutter	101 9340
			255 6	Yuba City	
			999 9	Balance of county	
052	000	2	999 9	Tehama	103 0000
053	000	2	999 9	Trinity	105 0000
054	303	1		Tulare	107 8780
			170 6	Porterville	
			237 6	Tulare	
			246 5	Visalia	
			999 9	Balance of county	
055	000	2	999 9	Tuolumne	109 0000
056	219	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	250	1		Yolo	113 6920
			055 5	Davis	
			253 5	Woodland	
			999 9	Balance of county	
058	319	1	999 9	Yuba	115 9340

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes	
St Cnty	MSA	M/NM	City P/S			St Cnty	MSA
06				Colorado		08	
	001	082	1	Adams		001	2080
			001	4	Arvada, part		
			002	3	Aurora, part		
			004	6	Brighton, part		
			005	6	Broomfield, part		
			008	6	Commerce City		
			020	5	Northglenn		
			023	5	Thornton		
			024	4	Westminster, part		
			999	9	Balance of county		
	002	000	2	999	9	Alamosa	003 0000
	003	082	1	Arapahoe		005	2080
			002	3	Aurora, part		
			011	5	Englewood		
			017	5	Littleton, part		
			999	9	Balance of county		
	004	000	2	999	9	Archuleta	007 0000
	005	000	2	999	9	Baca	009 0000
	006	000	2	999	9	Bent	011 0000
	007	043	1	Boulder		013	1125
			003	4	Boulder		
			005	6	Broomfield, part		
			018	5	Longmont		
			999	9	Balance of county		
	008	000	2	999	9	Chaffee	015 0000
	009	000	2	999	9	Cheyenne	017 0000
	010	000	2	999	9	Clear Creek	019 0000
	011	000	2	999	9	Conejos	021 0000
	012	000	2	999	9	Costilla	023 0000
	013	000	2	999	9	Crowley	025 0000
	014	000	2	999	9	Custer	027 0000
	015	000	2	999	9	Delta	029 0000
	016	082	1	009	2	Denver, coext. with Denver city	031 2080
	017	000	2	999	9	Dolores	033 0000
	018	082	1	Douglas		035	2080
			017	5	Littleton, part		
			999	9	Balance of county		
	019	000	2	999	9	Eagle	037 0000
	020	000	2	999	9	Elbert	039 0000
	021	068	1	El Paso		041	1720
			007	3	Colorado Springs		
			999	9	Balance of county		
	022	000	2	Fremont		043	0000
			006	6	Canon City		
			999	9	Balance of county		
	023	000	2	999	9	Garfield	045 0000
	024	000	2	999	9	Gilpin	047 0000
	025	000	2	999	9	Grand	049 0000
	026	000	2	999	9	Gunnison	051 0000
	027	000	2	999	9	Hinsdale	053 0000
	028	000	2	999	9	Huerfano	055 0000
	029	000	2	999	9	Jackson	057 0000
	030	082	1	Jefferson		059	2080
			001	4	Arvada, part		
			005	6	Broomfield, part		
			013	6	Golden		
			016	3	Lakewood		
			024	4	Westminster, part		
			025	5	Wheat Ridge		
			999	9	Balance of county		
	031	000	2	999	9	Kiowa	061 0000
	032	000	2	999	9	Kit Carson	063 0000
	033	000	2	999	9	Lake	065 0000
	034	000	2	La Plata		067	0000
			010	6	Durango		
			999	9	Balance of county		
	035	102	1	Larimer		069	2670
			012	4	Fort Collins		
			019	5	Loveland		
			999	9	Balance of county		
	036	000	2	999	9	Las Animas	071 0000
	037	000	2	999	9	Lincoln	073 0000
	038	000	2	Logan		075	0000
			022	6	Sterling		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	236	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	000	2	999 9	Teller	119 0000
061	000	2	999 9	Washington	121 0000
062	119	1		Weld	123 3060
			004 6	Brighton, part	
			015 4	Greeley	
			999 9	Balance of county	
063	000	2	999 9	Yuma	125 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

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

St Cnty MSA

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
07					Connecticut	09	
	001	047	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	126	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	126	1		Middlesex		007 3283
			018	5	Middletown		
			999	9	Balance of county		
	005	203	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	204	1		New London		011 5523
			013	6	Groton		
			024	5	New London		
			027	5	Norwich		
			999	9	Balance of county		
	007	126	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 Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes	
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
08						Delaware	
	001	000	2			Kent	10 001 0000
				001	6	Dover	
				999	9	Balance of county	
	002	313	1			New Castle	003 9160
				002	5	Newark	
				003	4	Wilmington	
				999	9	Balance of county	
	003	000	2	999	9	Sussex	005 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes							FIPS Codes		
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
09	001	305	1	001	1	District of Columbia	11	001	8840

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
10				Florida	12	
001	112	1		Alachua	001	2900
			026 4	Gainesville		
			999 9	Balance of county		
002	000	2	999 9	Baker	003	0000
003	220	1		Bay	005	6015
			066 5	Panama City		
			999 9	Balance of county		
004	112	1	999 9	Bradford	007	2900
005	184	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	103	1		Broward	011	2680
			012 6	Cooper City		
			014 5	Coral Springs		
			015 6	Dania		
			016 6	Davie		
			018 5	Deerfield Beach		
			022 3	Fort Lauderdale		
			029 5	Hallandale, part		
			031 3	Hollywood		
			040 5	Lauderdale Lakes		
			041 5	Lauderhill		
			043 6	Lighthouse Point		
			045 5	Margate		
			050 5	Miramar		
			054 6	North Lauderdale		
			058 6	Oakland Park		
			067 5	Pembroke Pines		
			070 5	Plantation		
			072 4	Pompano Beach		
			083 5	Sunrise		
			085 5	Tamarac		
			093 6	Wilton Manors		
			999 9	Balance of county		
007	000	2	999 9	Calhoun	013	0000
008	000	2	999 9	Charlotte	015	0000
009	000	2	999 9	Citrus	017	0000
010	138	1	999 9	Clay	019	3600
011	199	1		Collier	021	5345
			051 6	Naples		
			999 9	Balance of county		
012	000	2	999 9	Columbia	023	0000
013	187	1		Dade	025	5000
			013 5	Coral Gables		
			029 5	Hallandale, part		
			030 3	Hialeah		
			032 6	Homestead		
			047 2	Miami		
			048 4	Miami Beach		
			049 6	Miami Springs		
			055 5	North Miami		
			056 5	North Miami Beach		
			060 6	Opa-locka		
			082 6	South Miami		
			999 9	Balance of county		
014	000	2	999 9	De Soto	027	0000
015	000	2	999 9	Dixie	029	0000
016	138	1		Duval	031	3600
			033 1	Jacksonville		
			034 6	Jacksonville Beach		
			999 9	Balance of county		
017	223	1		Escambia	033	6080
			068 4	Pensacola		
			999 9	Balance of county		
018	000	2	999 9	Flagler	035	0000
019	000	2	999 9	Franklin	037	0000
020	287	1	999 9	Gadsden	039	8240
021	000	2	999 9	Gilchrist	041	0000
022	000	2	999 9	Glades	043	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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	288	1	999	9 Hernando		053 8280
	028	000	2	999	9 Highlands		055 0000
	029	288	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	104	1		Lee		071 2700
				007	5 Cape Coral		
				023	5 Fort Myers		
				999	9 Balance of county		
	037	287	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	044	1		Manatee		081 1140
				006	5 Bradenton		
				999	9 Balance of county		
	042	211	1		Marion		083 5790
				059	5 Ocala		
				999	9 Balance of county		
	043	105	1	999	9 Martin		085 2710
	044	000	2		Monroe		087 0000
				035	6 Key West		
				999	9 Balance of county		
	045	138	1	999	9 Nassau		089 3600
	046	107	1		Okaloosa		091 2750
				025	6 Fort Walton Beach		
				999	9 Balance of county		
	047	000	2	999	9 Okeechobee		093 0000
	048	217	1		Orange		095 5960
				061	3 Orlando		
				095	6 Winter Park		
				999	9 Balance of county		
	049	217	1		Osceola		097 5960
				036	6 Kissimmee		
				999	9 Balance of county		
	050	308	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	288	1		Pasco		101 8280
				052	6 New Port Richey		
				999	9 Balance of county		
	052	288	1		Pinellas		103 8280
				009	4 Clearwater		
				021	5 Dunedin		
				027	6 Gulfport		
				039	4 Largo		
				069	5 Pinellas Park		
				078	3 St. Petersburg		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
10				Florida	12
			087 6	Tarpon Springs	
			999 9	Balance of county	
053	159	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	138	1		St. Johns	109 3600
			077 6	St. Augustine	
			999 9	Balance of county	
056	105	1		St. Lucie	111 2710
			024 5	Fort Pierce	
			074 6	Port St. Lucie	
			999 9	Balance of county	
057	223	1	999 9	Santa Rosa	113 6080
058	267	1		Sarasota	115 7510
			080 5	Sarasota	
			090 6	Venice	
			999 9	Balance of county	
059	217	1		Seminole	117 5960
			001 6	Altamonte Springs	
			008 6	Casselberry	
			044 6	Longwood	
			079 6	Sanford	
			096 6	Winter Springs	
			999 9	Balance of county	
060	000	2	999 9	Sumter	119 0000
061	000	2	999 9	Suwannee	121 0000
062	000	2	999 9	Taylor	123 0000
063	000	2	999 9	Union	125 0000
064	079	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	000	2	999 9	Wakulla	129 0000
066	000	2	999 9	Walton	131 0000
067	000	2	999 9	Washington	133 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	019	1	999 9	Barrow	013 0520
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	178	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	000	2	999 9	Bryan	029 0000
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	061	1	999 9	Catoosa	047 1560
024	000	2	999 9	Charlton	049 0000
025	268	1		Chatham	051 7520
			031 3	Savannah	
			999 9	Balance of county	
026	071	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	019	1		Coweta	077 0520
			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	061	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes	
St Cnty	MSA	M/NM	City P/S			St Cnty	MSA
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	Echoles		101	0000
051	268	1	999 9	Effingham		103	7520
052	000	2	999 9	Elbert		105	0000
053	000	2	999 9	Emanuel		107	0000
054	000	2	999 9	Evans		109	0000
055	000	2	999 9	Fannin		111	0000
056	019	1	999 9	Fayette		113	0520
057	000	2		Floyd		115	0000
			029 5	Rome			
			999 9	Balance of county			
058	019	1	999 9	Forsyth		117	0520
059	000	2	999 9	Franklin		119	0000
060	019	1		Fulton		121	0520
			004 2	Atlanta, part			
			009 6	College Park, part			
			017 5	East Point			
			030 6	Roswell			
			999 9	Balance of county			
061	000	2	999 9	Gilmer		123	0000
062	000	2	999 9	Glascock		125	0000
063	000	2		Glynn		127	0000
			007 6	Brunswick			
			999 9	Balance of county			
064	000	2	999 9	Gordon		129	0000
065	000	2	999 9	Grady		131	0000
066	000	2	999 9	Greene		133	0000
067	019	1	999 9	Gwinnett		135	0520
068	000	2	999 9	Habersham		137	0000
069	000	2		Hall		139	0000
			020 6	Gainesville			
			999 9	Balance of county			
070	000	2	999 9	Hancock		141	0000
071	000	2	999 9	Haralson		143	0000
072	000	2	999 9	Harris		145	0000
073	000	2	999 9	Hart		147	0000
074	000	2	999 9	Heard		149	0000
075	019	1	999 9	Henry		151	0520
076	178	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	178	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			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
11				Georgia	13
			999 9	Balance of county	
093	000	2	999 9	Lumpkin	187 0000
094	021	1	999 9	McDuffie	189 0600
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	071	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	178	1	999 9	Peach	225 4680
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	019	1		Spalding	255 0520
			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	000	2	999 9	Twiggs	289 0000
144	000	2	999 9	Union	291 0000
145	000	2	999 9	Upson	293 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes			
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
11						Georgia	13		
	146	061	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
12				Hawaii	15
	001	000	2	Hawaii	001 0000
			003 5	Hilo	
			999 9	Balance of county	
	002	128	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	Kalawao	005 0000
	004	000	2	Kauai	007 0000
	005	000	2	Maui	009 0000
			005 6	Kahului	
			013 6	Wailuku	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

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

St Cnty MSA

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
14					Illinois	17	
001	000	2			Adams	001	0000
			135	5	Quincy		
			999	9	Balance of county		
002	000	2	999	9	Alexander	003	0000
003	000	2	999	9	Bond	005	0000
004	249	1			Boone	007	6880
			010	6	Belvidere		
			999	9	Balance of county		
005	000	2	999	9	Brown	009	0000
006	000	2	999	9	Bureau	011	0000
007	000	2	999	9	Calhoun	013	0000
008	000	2	999	9	Carroll	015	0000
009	000	2	999	9	Cass	017	0000
010	056	1			Champaign	019	1400
			030	4	Champaign		
			136	6	Rantoul		
			160	5	Urbana		
			999	9	Balance of county		
011	000	2			Christian	021	0000
			158	6	Taylorville		
			999	9	Balance of county		
012	000	2	999	9	Clark	023	0000
013	000	2	999	9	Clay	025	0000
014	254	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	063	1			Cook	031	1600
			002	6	Alsip		
			004	4	Arlington Heights, part		
			006	6	Bartlett, part		
			009	6	Bellwood		
			011	6	Bensenville, part		
			012	5	Berwyn		
			015	6	Blue Island		
			019	6	Bridgeview		
			020	6	Brookfield		
			021	6	Buffalo Grove, part		
			022	5	Burbank		
			024	5	Calumet City		
			032	0	Chicago, part		
			033	5	Chicago Heights		
			034	6	Chicago Ridge		
			035	4	Cicero		
			037	6	Country Club Hills		
			038	6	Crestwood		
			043	6	Deerfield, part		
			045	4	Des Plaines		
			047	6	Dolton		
			054	4	Elgin, part		
			055	5	Elk Grove Village, part		
			057	6	Elmwood Park		
			058	4	Evanston		
			059	6	Evergreen Park		
			061	6	Forest Park		
			062	6	Franklin Park		
			067	5	Glenview		
			068	6	Glenwood		
			070	5	Hanover Park, part		
			072	5	Harvey		
			073	6	Hazel Crest		
			075	6	Hickory Hills		
			077	6	Hinsdale, part		
			078	5	Hoffman Estates		
			079	6	Homewood		
			082	6	Justice		
			085	6	La Grange		
			086	6	La Grange Park		
			088	5	Lansing		
			092	6	Lincolnwood		
			099	6	Markham		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

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

St Cnty MSA

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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	063	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		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	145	1	999 9	Grundy	063 3690
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	077	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	254	1	999 9	Jersey	083 7040
043	000	2	999 9	Jo Daviess	085 0000
044	000	2	999 9	Johnson	087 0000
045	022	1		Kane	089 0620
			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	148	1		Kankakee	091 3740
			017 6	Bourbonnais	
			018 6	Bradley	
			083 5	Kankakee	
			999 9	Balance of county	
047	022	1	999 9	Kendall	093 0620
048	000	2		Knox	095 0000
			064 5	Galesburg	
			999 9	Balance of county	
049	158	1		Lake	097 3965
			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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St	Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
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	063	1		McHenry	111	1600
				039 6	Crystal Lake		
				096 6	McHenry		
				175 6	Woodstock		
				999 9	Balance of county		
	057	040	1		McLean	113	1040
				014 5	Bloomington		
				114 5	Normal		
				999 9	Balance of county		
	058	081	1		Macon	115	2040
				042 4	Decatur		
				999 9	Balance of county		
	059	000	2		Macoupin	117	0000
	060	254	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	279	1		Menard	129	7880
	066	000	2		Mercer	131	0000
	067	254	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	224	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	077	1		Rock Island	161	1960
				049 6	East Moline		
				105 5	Moline		
				142 5	Rock Island		
				999 9	Balance of county		
	082	254	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		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City P/S	State	County, City, or Country Name	St Cnty	MSA
14				Illinois		17	
	084	279	1		Sangamon		167 7880
			153 3		Springfield		
			999 9		Balance of county		
	085	000	2		Schuyler		169 0000
	086	000	2		Scott		171 0000
	087	000	2		Shelby		173 0000
	088	000	2		Stark		175 0000
	089	000	2		Stephenson		177 0000
			063 5		Freeport		
			999 9		Balance of county		
	090	224	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		Union		181 0000
	092	000	2		Vermilion		183 0000
			040 5		Danville		
			999 9		Balance of county		
	093	000	2		Wabash		185 0000
	094	000	2		Warren		187 0000
			106 6		Monmouth		
			999 9		Balance of county		
	095	000	2		Washington		189 0000
	096	000	2		Wayne		191 0000
	097	000	2		White		193 0000
	098	000	2		Whiteside		195 0000
			140 6		Rock Falls		
			154 6		Sterling		
			999 9		Balance of county		
	099	145	1		Will		197 3690
			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	249	1		Winnebago		201 6880
			095 6		Loves Park		
			141 3		Rockford		
			999 9		Balance of county		
	102	224	1		Woodford		203 6120

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
15					Indiana	18
	001	000	2	999	9 Adams	001 0000
	002	108	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	133	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	175	1		Clark	019 4520
				006	6 Clarksville	
				028	6 Jeffersonville	
				999	9 Balance of county	
	011	289	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	065	1	999	9 Dearborn	029 1640
	016	000	2	999	9 Decatur	031 0000
	017	108	1	999	9 De Kalb	033 2760
	018	197	1		Delaware	035 5280
				042	4 Muncie	
				999	9 Balance of county	
	019	000	2	999	9 Dubois	037 0000
	020	090	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	175	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	000	2	999	9 Gibson	051 0000
	027	000	2		Grant	053 0000
				037	5 Marion	
				999	9 Balance of county	
	028	000	2	999	9 Greene	055 0000
	029	133	1		Hamilton	057 3480
				005	6 Carmel	
				046	6 Noblesville	
				999	9 Balance of county	
	030	133	1		Hancock	059 3480
				020	6 Greenfield	
				999	9 Balance of county	
	031	175	1	999	9 Harrison	061 4520
	032	133	1	999	9 Hendricks	063 3480
	033	000	2		Henry	065 0000
				045	6 New Castle	
				999	9 Balance of county	
	034	153	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes					
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
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	133	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	114	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	133	1			Marion		097	3480
				003	6	Beech Grove			
				027	1	Indianapolis			
				033	5	Lawrence			
				054	6	Speedway			
				999	9	Balance of county			
	050	000	2	999	9	Marshall		099	0000
	051	000	2	999	9	Martin		101	0000
	052	000	2			Miami		103	0000
				047	6	Peru			
				999	9	Balance of county			
	053	039	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	133	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	114	1			Porter		127	2960
				048	5	Portage			
				056	6	Valparaiso			
				999	9	Balance of county			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
15					Indiana	18
	065	095	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	277	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	133	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	000	2	999 9	Sullivan	153 0000
	078	000	2	999 9	Switzerland	155 0000
	079	156	1		Tippecanoe	157 3920
				030 5	Lafayette	
				061 6	West Lafayette	
				999 9	Balance of county	
	080	153	1		Tipton	159 3850
				013 6	Elwood, part	
				999 9	Balance of county	
	081	000	2	999 9	Union	161 0000
	082	095	1		Vanderburgh	163 2440
				014 3	Evansville	
				999 9	Balance of county	
	083	000	2	999 9	Vermillion	165 0000
	084	289	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	095	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	000	2	999 9	Wells	179 0000
	091	000	2	999 9	White	181 0000
	092	108	1	999 9	Whitley	183 2760

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes			
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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	306	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	306	1	999	9	Bremer	017	8920
	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	083	1	999	9	Dallas	049	2120
	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	086	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	134	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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
16						Iowa	19
	056	000	2			Lee	111 0000
				014	6	Fort Madison	
				017	6	Keokuk	
				999	9	Balance of county	
	057	055	1			Linn	113 1360
				007	3	Cedar Rapids	
				018	6	Marion	
				999	9	Balance of county	
	058	000	2	999	9	Louisa	115 0000
	059	000	2	999	9	Lucas	117 0000
	060	000	2	999	9	Lyon	119 0000
	061	000	2	999	9	Madison	121 0000
	062	000	2			Mahaska	123 0000
				023	6	Oskaloosa	
				999	9	Balance of county	
	063	000	2	999	9	Marion	125 0000
	064	000	2			Marshall	127 0000
				019	5	Marshalltown	
				999	9	Balance of county	
	065	000	2	999	9	Mills	129 0000
	066	000	2	999	9	Mitchell	131 0000
	067	000	2	999	9	Monona	133 0000
	068	000	2	999	9	Monroe	135 0000
	069	000	2	999	9	Montgomery	137 0000
	070	000	2			Muscatine	139 0000
				021	6	Muscatine	
				999	9	Balance of county	
	071	000	2	999	9	O'Brien	141 0000
	072	000	2	999	9	Osceola	143 0000
	073	000	2	999	9	Page	145 0000
	074	000	2	999	9	Palo Alto	147 0000
	075	000	2	999	9	Plymouth	149 0000
	076	000	2	999	9	Pocahontas	151 0000
	077	083	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	215	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	077	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	083	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	275	1			Woodbury	193 7720
				025	4	Sioux City	
				999	9	Balance of county	

Vital Statistics Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

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

St Cnty MSA

16

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

19

	195	0000
	197	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
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	310	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	165	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	310	1		Harvey	079 9040
				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	000	2	999 9	Jefferson	087 0000
	045	000	2	999 9	Jewell	089 0000
	046	149	1		Johnson	091 3760
				017 6	Leawood	
				018 6	Lenexa	
				022 6	Merriam	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
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	149	1				Leavenworth	103	3760	
				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	149	1		999	9	Miami	121	3760	
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	000	2		999	9	Osage	139	0000	
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	310	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	292	1				Shawnee	177	8440	
				032	3	Topeka			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes		
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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	149	1			Wyandotte	209	3760
			014	3	Kansas City		
			999	9	Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes			
St	Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St	Cnty	MSA
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	065	1		Boone		015	1640
				007 6	Florence			
				999 9	Balance of county			
	009	168	1	999 9	Bourbon		017	4280
	010	131	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	175	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	065	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	131	1	999 9	Carter		043	3400
	023	000	2	999 9	Casey		045	0000
	024	066	1		Christian		047	1660
				013 5	Hopkinsville			
				999 9	Balance of county			
	025	168	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	218	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	168	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	131	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			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	095	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	175	1		Jefferson	111 4520
			014 6	Jeffersontown	
			016 2	Louisville	
			027 6	St. Matthews	
			028 6	Shively	
			999 9	Balance of county	
057	168	1		Jessamine	113 4280
			022 6	Nicholasville	
			999 9	Balance of county	
058	000	2	999 9	Johnson	115 0000
059	065	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	175	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes	
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
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	168	1			Scott	209 4280
				010	6	Georgetown	
				999	9	Balance of county	
	106	175	1	999	9	Shelby	211 4520
	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	168	1	999	9	Woodford	239 4280

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
19				Louisiana	22
	001	000	2	Acadia	001 0000
			008 6	Crowley	
			010 6	Eunice, part	
			999 9	Balance of parish	
	002	000	2	Allen	003 0000
	003	027	1	Ascension	005 0760
	004	000	2	Assumption	007 0000
	005	000	2	Avoyelles	009 0000
	006	000	2	Beauregard	011 0000
			009 6	De Ridder, part	
			999 9	Balance of parish	
	007	000	2	Bienville	013 0000
	008	274	1	Bossier	015 7680
			007 5	Bossier City	
			028 3	Shreveport, part	
			999 9	Balance of parish	
	009	274	1	Caddo	017 7680
			028 3	Shreveport, part	
			999 9	Balance of parish	
	010	157	1	Calcasieu	019 3960
			018 4	Lake Charles	
			030 6	Sulphur	
			999 9	Balance of parish	
	011	000	2	Caldwell	021 0000
	012	000	2	Cameron	023 0000
	013	000	2	Catahoula	025 0000
	014	000	2	Claiborne	027 0000
	015	000	2	Concordia	029 0000
	016	000	2	De Soto	031 0000
	017	027	1	East Baton Rouge	033 0760
			003 6	Baker	
			005 3	Baton Rouge	
			999 9	Balance of parish	
	018	000	2	East Carroll	035 0000
	019	000	2	East Feliciana	037 0000
	020	000	2	Evangeline	039 0000
	021	000	2	Franklin	041 0000
	022	000	2	Grant	043 0000
	023	000	2	Iberia	045 0000
			023 5	New Iberia	
			999 9	Balance of parish	
	024	000	2	Iberville	047 0000
	025	000	2	Jackson	049 0000
	026	205	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	155	1	Lafayette	055 3880
			017 4	Lafayette	
			999 9	Balance of parish	
	029	129	1	Lafourche	057 3350
			032 6	Thibodaux	
			999 9	Balance of parish	
	030	000	2	La Salle	059 0000
	031	000	2	Lincoln	061 0000
			027 6	Ruston	
			999 9	Balance of parish	
	032	027	1	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	205	1	Orleans, coext. with New Orleans city	071 5560
	037	195	1	Ouachita	073 5200
			020 4	Monroe	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA	
19				Louisiana	22		
			033 6	West Monroe			
			999 9	Balance of parish			
038	000	2	999 9	Plaquemines	075	0000	
039	000	2	999 9	Pointe Coupee	077	0000	
040	006	1		Rapides	079	0220	
			002 4	Alexandria			
			026 6	Pineville			
			999 9	Balance of parish			
041	000	2	999 9	Red River	081	0000	
042	000	2	999 9	Richland	083	0000	
043	000	2	999 9	Sabine	085	0000	
044	205	1	999 9	St. Bernard	087	5560	
045	205	1	999 9	St. Charles	089	5560	
046	000	2	999 9	St. Helena	091	0000	
047	000	2	999 9	St. James	093	0000	
048	205	1	999 9	St. John the Baptist	095	5560	
049	000	2		St. Landry	097	0000	
			010 6	Eunice, part			
			025 6	Opelousas			
			999 9	Balance of parish			
050	155	1	999 9	St. Martin	099	3880	
051	000	2		St. Mary	101	0000	
			021 6	Morgan City			
			999 9	Balance of parish			
052	205	1	999 9	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	129	1		Terrebonne	109	3350	
			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	000	2		Webster	119	0000	
			019 6	Minden			
			999 9	Balance of parish			
061	027	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes	
St	Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
20					Maine	23
	001	167	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	230	1		Cumberland	005 6403
				007 4	Portland	
				010 6	South Portland	
				012 6	Westbrook	
				999 9	Balance of county	
	004	000	2		Franklin	007 0000
	005	000	2		Hancock	009 0000
	006	000	2		Kennebec	011 0000
				002 6	Augusta	
				011 6	Waterville	
				999 9	Balance of county	
	007	000	2		Knox	013 0000
	008	000	2		Lincoln	015 0000
	009	000	2		Oxford	017 0000
	010	026	1		Penobscot	019 0733
				003 5	Bangor	
				999 9	Balance of county	
	011	000	2		Piscataquis	021 0000
	012	000	2		Sagadahoc	023 0000
				004 6	Bath	
				999 9	Balance of county	
	013	000	2		Somerset	025 0000
	014	000	2		Waldo	027 0000
	015	000	2		Washington	029 0000
	016	000	2		York	031 0000
				005 6	Biddeford	
				009 6	Saco	
				999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
21					Maryland	24	
	001	074	1		Allegany	001	1900
				007	Cumberland		
				999	Balance of county		
	002	025	1		Anne Arundel	003	0720
				002	Annapolis		
				999	Balance of county		
	003	025	1	999	Baltimore	005	0720
	004	025	1	003	Baltimore city	510	0720
	005	305	1	999	Calvert	009	8840
	006	000	2	999	Caroline	011	0000
	007	025	1	999	Carroll	013	0720
	008	313	1	999	Cecil	015	9160
	009	305	1	999	Charles	017	8840
	010	000	2		Dorchester	019	0000
				005	Cambridge		
				999	Balance of county		
	011	305	1		Frederick	021	8840
				008	Frederick		
				999	Balance of county		
	012	000	2	999	Garrett	023	0000
	013	025	1		Harford	025	0720
				001	Aberdeen		
				999	Balance of county		
	014	025	1	999	Howard	027	0720
	015	000	2	999	Kent	029	0000
	016	305	1		Montgomery	031	8840
				009	Gaithersburg		
				015	Rockville		
				017	Takoma Park, part		
				999	Balance of county		
	017	305	1		Prince George's	033	8840
				004	Bowie		
				006	College Park		
				010	Greenbelt		
				012	Hyattsville		
				013	Laurel		
				014	New Carrollton		
				017	Takoma Park, part		
				999	Balance of county		
	018	025	1	999	Queen Anne's	035	0720
	019	000	2	999	St. Mary's	037	0000
	020	000	2	999	Somerset	039	0000
	021	000	2	999	Talbot	041	0000
	022	123	1		Washington	043	3180
				011	Hagerstown		
				999	Balance of county		
	023	000	2		Wicomico	045	0000
				016	Salisbury		
				999	Balance of county		
	024	000	2	999	Worcester	047	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
22					Massachusetts	25	
001	000	2			Barnstable	001	0000
			008	5	Barnstable town		
			999	9	Balance of county		
002	229	1			Berkshire	003	6323
			057	6	North Adams		
			062	4	Pittsfield		
			999	9	Balance of county		
003	202	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	042	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	281	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	281	1			Hampshire	015	8003
			004	5	Amherst town		
			025	6	Easthampton town		
			058	5	Northampton		
			999	9	Balance of county		
009	042	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 Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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	042	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	042	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	042	1			Suffolk	025	1123
			012	1	Boston		
			019	5	Chelsea		
			067	5	Revere		
			093	6	Winthrop town		
014	315	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		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes	
St	Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	000	2	999 9	Barry	015 0000
	009	251	1		Bay	017 6960
				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	032	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	028	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	161	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	161	1		Eaton	045 4040
				055 3	Lansing, part	
				999 9	Balance of county	
	024	000	2	999 9	Emmet	047 0000
	025	099	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	161	1		Ingham	065 4040
				026 5	East Lansing	
				055 3	Lansing, part	
				062 5	Meridian township	
				999 9	Balance of county	
	034	000	2	999 9	Ionia	067 0000
	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	135	1		Jackson	075 3520
				051 5	Jackson	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA	
23				Michigan	26		
			999 9	Balance of county			
039	147	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	117	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	084	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	084	1	999 9	Livingston	093	2160	
048	000	2	999 9	Luce	095	0000	
049	000	2	999 9	Mackinac	097	0000	
050	084	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	251	1		Midland	111	6960	
			063 5	Midland, part			
			999 9	Balance of county			
057	000	2	999 9	Missaukee	113	0000	
058	084	1		Monroe	115	2160	
			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	198	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	084	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			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	000	2	999 9	Oceana	127 0000
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	117	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	251	1		Saginaw	145 6960
			085 4	Saginaw	
			086 5	Saginaw township	
			999 9	Balance of county	
074	084	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	000	2		Shiawassee	155 0000
			074 6	Owosso	
			999 9	Balance of county	
079	000	2	999 9	Tuscola	157 0000
080	000	2	999 9	Van Buren	159 0000
081	014	1		Washtenaw	161 0440
			005 3	Ann Arbor	
			105 6	Ypsilanti	
			106 5	Ypsilanti township	
			999 9	Balance of county	
082	084	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

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

St Cnty MSA

23

999 9 Michigan
Balance of county

26

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes								
St	Cnty	MSA	M/NM	City	P/S	State	County	City	or Country	Name	St	Cnty	MSA
24						Minnesota					27		
	001	000	2	999	9	Aitkin					001	0000	
	002	191	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	252	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	191	1	999	9	Carver					019	5120	
	011	000	2	999	9	Cass					021	0000	
	012	000	2	999	9	Chippewa					023	0000	
	013	191	1	999	9	Chisago					025	5120	
	014	096	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	191	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	191	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							

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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	191	1	999	9	Isanti	059	5120
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	247	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	000	2	999	9	Polk	119	0000
061	000	2	999	9	Pope	121	0000
062	191	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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes				
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
24						Minnesota	27		
	068	000	2	999	9	Roseau		135	0000
	069	087	1			St. Louis		137	2240
				017	4	Duluth			
				027	6	Hibbing			
				059	6	Virginia			
				999	9	Balance of county			
	070	191	1	999	9	Scott		139	5120
	071	252	1			Sherburne		141	6980
				053	5	St. Cloud, part			
				999	9	Balance of county			
	072	000	2	999	9	Sibley		143	0000
	073	252	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	191	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	Watsonwan		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	191	1	999	9	Wright		171	5120
	087	000	2	999	9	Yellow Medicine		173	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes					
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
25						Mississippi	28		
	001	000	2			Adams	001	0000	
				019	6	Natchez			
				999	9	Balance of county			
	002	000	2			Alcorn	003	0000	
				008	6	Corinth			
				999	9	Balance of county			
	003	000	2			Amite	005	0000	
	004	000	2			Attala	007	0000	
	005	000	2			Benton	009	0000	
	006	000	2			Bolivar	011	0000	
				005	6	Cleveland			
				999	9	Balance of county			
	007	000	2			Calhoun	013	0000	
	008	000	2			Carroll	015	0000	
	009	000	2			Chickasaw	017	0000	
	010	000	2			Choctaw	019	0000	
	011	000	2			Claiborne	021	0000	
	012	000	2			Clarke	023	0000	
	013	000	2			Clay	025	0000	
	014	000	2			Coahoma	027	0000	
				004	6	Clarksdale			
				999	9	Balance of county			
	015	000	2			Copiah	029	0000	
	016	000	2			Covington	031	0000	
	017	185	1			De Soto	033	4920	
	018	000	2			Forrest	035	0000	
				013	5	Hattiesburg, part			
				999	9	Balance of county			
	019	000	2			Franklin	037	0000	
	020	000	2			George	039	0000	
	021	000	2			Greene	041	0000	
	022	000	2			Grenada	043	0000	
				011	6	Grenada			
				999	9	Balance of county			
	023	035	1			Hancock	045	0920	
	024	035	1			Harrison	047	0920	
				001	5	Biloxi			
				012	5	Gulfport			
				999	9	Balance of county			
	025	136	1			Hinds	049	3560	
				006	6	Clinton			
				014	3	Jackson, part			
				999	9	Balance of county			
	026	000	2			Holmes	051	0000	
	027	000	2			Humphreys	053	0000	
	028	000	2			Issaquena	055	0000	
	029	000	2			Itawamba	057	0000	
	030	222	1			Jackson	059	6025	
				018	6	Moss Point			
				020	6	Ocean Springs			
				021	5	Pascagoula			
				999	9	Balance of county			
	031	000	2			Jasper	061	0000	
	032	000	2			Jefferson	063	0000	
	033	000	2			Jefferson Davis	065	0000	
	034	000	2			Jones	067	0000	
				015	6	Laurel			
				999	9	Balance of county			
	035	000	2			Kemper	069	0000	
	036	000	2			Lafayette	071	0000	
	037	000	2			Lamar	073	0000	
				013	5	Hattiesburg, part			
				999	9	Balance of county			
	038	000	2			Lauderdale	075	0000	
				017	5	Meridian			
				999	9	Balance of county			
	039	000	2			Lawrence	077	0000	
	040	000	2			Leake	079	0000	
	041	000	2			Lee	081	0000	
				025	6	Tupelo			
				999	9	Balance of county			
	042	000	2			Leflore	083	0000	
				010	6	Greenwood			
				999	9	Balance of county			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	136	1	Madison	089 3560
			003 6	Canton	
			999 9	Balance of county	
	046	000	2	Marion	091 0000
	047	000	2	Marshall	093 0000
	048	000	2	Monroe	095 0000
	049	000	2	Montgomery	097 0000
	050	000	2	Neshoba	099 0000
	051	000	2	Newton	101 0000
	052	000	2	Noxubee	103 0000
	053	000	2	Oktibbeha	105 0000
			024 6	Starkville	
			999 9	Balance of county	
	054	000	2	Panola	107 0000
	055	000	2	Pearl River	109 0000
			023 6	Picayune	
			999 9	Balance of county	
	056	000	2	Perry	111 0000
	057	000	2	Pike	113 0000
			016 6	McComb	
			999 9	Balance of county	
	058	000	2	Pontotoc	115 0000
	059	000	2	Prentiss	117 0000
	060	000	2	Quitman	119 0000
	061	136	1	Rankin	121 3560
			014 3	Jackson, part	
			022 6	Pearl	
			999 9	Balance of county	
	062	000	2	Scott	123 0000
	063	000	2	Sharkey	125 0000
	064	000	2	Simpson	127 0000
	065	000	2	Smith	129 0000
	066	000	2	Stone	131 0000
	067	000	2	Sunflower	133 0000
	068	000	2	Tallahatchie	135 0000
	069	000	2	Tate	137 0000
	070	000	2	Tippah	139 0000
	071	000	2	Tishomingo	141 0000
	072	000	2	Tunica	143 0000
	073	000	2	Union	145 0000
	074	000	2	Walthall	147 0000
	075	000	2	Warren	149 0000
			026 5	Vicksburg	
			999 9	Balance of county	
	076	000	2	Washington	151 0000
			009 5	Greenville	
			999 9	Balance of county	
	077	000	2	Wayne	153 0000
	078	000	2	Webster	155 0000
	079	000	2	Wilkinson	157 0000
	080	000	2	Winston	159 0000
	081	000	2	Yalobusha	161 0000
	082	000	2	Yazoo	163 0000
			027 6	Yazoo City	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes			
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
26			Missouri	29	
001	000	2	Adair	001	0000
		028	Kirksville		
		999	Balance of county		
002	000	2	Andrew	003	0000
003	000	2	Atchison	005	0000
004	000	2	Audrain	007	0000
		034	Mexico		
		999	Balance of county		
005	000	2	Barry	009	0000
006	000	2	Barton	011	0000
007	000	2	Bates	013	0000
008	000	2	Benton	015	0000
009	000	2	Bollinger	017	0000
010	069	1	Boone	019	1740
		011	Columbia		
		999	Balance of county		
011	253	1	Buchanan	021	7000
		043	St. Joseph		
		999	Balance of county		
012	000	2	Butler	023	0000
		037	Poplar Bluff		
		999	Balance of county		
013	000	2	Caldwell	025	0000
014	000	2	Callaway	027	0000
		017	Fulton		
		023	Jefferson City, part		
		999	Balance of county		
015	000	2	Camden	029	0000
016	000	2	Cape Girardeau	031	0000
		008	Cape Girardeau		
		999	Balance of county		
017	000	2	Carroll	033	0000
018	000	2	Carter	035	0000
019	149	1	Cass	037	3760
		004	Belton		
		030	Lee's Summit, part		
		999	Balance of county		
020	000	2	Cedar	039	0000
021	000	2	Chariton	041	0000
022	280	1	Christian	043	7920
023	000	2	Clark	045	0000
024	149	1	Clay	047	3760
		014	Excelsior Springs, part		
		018	Gladstone		
		022	Independence, part		
		026	Kansas City, part		
		031	Liberty		
		999	Balance of county		
025	000	2	Clinton	049	0000
026	000	2	Cole	051	0000
		023	Jefferson City, part		
		999	Balance of county		
027	000	2	Cooper	053	0000
028	000	2	Crawford	055	0000
029	000	2	Dade	057	0000
030	000	2	Dallas	059	0000
031	000	2	Daviess	061	0000
032	000	2	De Kalb	063	0000
033	000	2	Dent	065	0000
034	000	2	Douglas	067	0000
035	000	2	Dunklin	069	0000
		027	Kennett		
		999	Balance of county		
036	254	1	Franklin	071	7040
037	000	2	Gasconade	073	0000
038	000	2	Gentry	075	0000
039	280	1	Greene	077	7920
		048	Springfield		
		999	Balance of county		
040	000	2	Grundy	079	0000
041	000	2	Harrison	081	0000
042	000	2	Henry	083	0000
043	000	2	Hickory	085	0000
044	000	2	Holt	087	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes			
St	Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St	Cnty	MSA
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	149	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	146	1		Jasper		097	3710
				009 6	Carthage			
				025 5	Joplin, part			
				999 9	Balance of county			
	050	254	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	149	1	999 9	Lafayette		107	3760
	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	146	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	149	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			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
26				Missouri	29
	089	149	1	Ray	177 3760
			014 6	Excelsior Springs, part	
			999 9	Balance of county	
	090	000	2	Reynolds	179 0000
	091	000	2	Ripley	181 0000
	092	254	1	St. Charles	183 7040
			042 5	St. Charles	
			045 6	St. Peters	
			999 9	Balance of county	
	093	000	2	St. Clair	185 0000
	094	000	2	Ste. Genevieve	186 0000
	095	000	2	St. Francois	187 0000
	096	254	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	254	1	St. Louis city	510 7040
	098	000	2	Saline	195 0000
			033 6	Marshall	
			999 9	Balance of county	
	099	000	2	Schuyler	197 0000
	100	000	2	Scotland	199 0000
	101	000	2	Scott	201 0000
			047 6	Sikeston, part	
			999 9	Balance of county	
	102	000	2	Shannon	203 0000
	103	000	2	Shelby	205 0000
	104	000	2	Stoddard	207 0000
	105	000	2	Stone	209 0000
	106	000	2	Sullivan	211 0000
	107	000	2	Taney	213 0000
	108	000	2	Texas	215 0000
	109	000	2	Vernon	217 0000
	110	000	2	Warren	219 0000
	111	000	2	Washington	221 0000
	112	000	2	Wayne	223 0000
	113	000	2	Webster	225 0000
	114	000	2	Worth	227 0000
	115	000	2	Wright	229 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						Page 61	
Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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	118	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	034	1		Yellowstone	111	0880
				002	4 Billings		
				999	9 Balance of county		
	057	000	2	999	9 Yellowstone National Park	113	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes					
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
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	275	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	215	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	170	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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

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

St Cnty MSA

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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	215	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	215	1	999 9	Washington	177	5920
	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 Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
29						Nevada	32		
	001	000	2	001	5	Carson City city	510	0000	
	002	000	2	999	9	Churchill	001	0000	
	003	164	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	242	1			Washoe	031	6720	
				005	3	Reno			
				006	5	Sparks			
				999	9	Balance of county			
	017	000	2	999	9	White Pine	033	0000	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes	
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
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	180	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	232	1			Rockingham	015 6453
				010	5	Portsmouth	
				999	9	Balance of county	
	009	232	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				State, County, City, or Country Name			FIPS Codes		
St Cnty	MSA	M/NM	City P/S				St Cnty	MSA	
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	033	1	Bergen				003	0875
			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	225	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	225	1	Camden				007	6160
			006	6	Bellmawr				
			014	4	Camden				
			017	4	Cherry Hill township				
			022	6	Collingswood				
			047	5	Gloucester township				
			048	6	Gloucester City				
			050	6	Haddon township				
			051	6	Haddonfield				
			072	6	Lindenwold				
			114	5	Pennsauken township				
			155	6	Voorhees township				
			999	9	Balance of county				
	005	020	1	Cape May				009	0560
			105	6	Ocean City				
			999	9	Balance of county				
	006	302	1	Cumberland				011	8760
			011	6	Bridgeton				
			087	6	Millville				
			154	4	Vineland				
			999	9	Balance of county				
	007	207	1	Essex				013	5640
			005	5	Belleville				

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes				
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
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	225	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	142	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	188	1	999 9	Hunterdon	019	5015
011	293	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	188	1		Middlesex	023	5015
			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	194	1		Monmouth	025	5190
			001 6	Aberdeen township		
			002 6	Asbury Park		
			033 6	Eatontown		
			043 6	Freehold		
			058 6	Hazlet township		
			064 5	Howell township		
			068 6	Keansburg		
			076 5	Long Branch		
			085 4	Middletown township		
			093 5	Neptune township		
			104 6	Ocean township		
			126 6	Red Bank		
			999 9	Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.					FIPS Codes	
Vital Statistics Codes					St Cnty MSA	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
31					New Jersey	34
	014	207	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	194	1		Ocean	029 5190
			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	033	1		Passaic	031 0875
			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	313	1		Salem	033 9160
	018	188	1		Somerset	035 5015
			012	5	Bridgewater township	
			042	5	Franklin township	
			080	6	Manville	
			101	6	North Plainfield	
			140	6	Somerville	
			999	9	Balance of county	
	019	207	1		Sussex	037 5640
			063	6	Hopatcong	
			999	9	Balance of county	
	020	207	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA	
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	163	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	265	1	999 9	Los Alamos	028	7490	
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	000	2	999 9	Sandoval	043	0000	
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	265	1		Santa Fe	049	7490	
			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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes					
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
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	036	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	140	1			Chautauqua		013	3610
				018	6	Dunkirk			
				023	6	Fredonia			
				040	5	Jamestown			
				999	9	Balance of county			
	007	091	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	233	1			Dutchess		027	6460
				006	6	Beacon			
				076	5	Poughkeepsie			
				999	9	Balance of county			
	014	050	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	004	1	999	9	Greene		039	0160
	020	000	2	999	9	Hamilton		041	0000
	021	298	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	248	1	999	9	Livingston		051	6840
	025	285	1			Madison		053	8160
				066	6	Oneida			
				999	9	Balance of county			
	026	248	1			Monroe		055	6840
				008	5	Brighton town			
				027	5	Gates town			
				032	4	Greece town			
				036	5	Henrietta town			
				038	4	Irondequoit town			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	201	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	206	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	208	1		Niagara	063 5700
			048 6	Lockport	
			061 4	Niagara Falls	
			063 5	North Tonawanda	
			999 9	Balance of county	
031	298	1		Oneida	065 8680
			081 5	Rome	
			093 4	Utica	
			999 9	Balance of county	
032	285	1		Onondaga	067 8160
			089 3	Syracuse	
			999 9	Balance of county	
033	248	1		Ontario	069 6840
			011 6	Canandaigua	
			028 6	Geneva, part	
			999 9	Balance of county	
034	216	1		Orange	071 5950
			054 6	Middletown	
			058 6	Newburgh	
			999 9	Balance of county	
035	248	1		Orleans	073 6840
036	285	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	206	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	206	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	201	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	036	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	115	1		Warren	113 2975
			030 6	Glens Falls	
			999 9	Balance of county	
054	115	1	999 9	Washington	115 2975
055	248	1		Wayne	117 6840
			057 6	Newark	
			999 9	Balance of county	
056	206	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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes					
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
34						North Carolina	37		
	001	051	1			Alamance		001	1300
				005	5	Burlington			
				999	9	Balance of county			
	002	127	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	000	2	999	9	Brunswick		019	0000
	011	017	1			Buncombe		021	0480
				003	4	Asheville			
				999	9	Balance of county			
	012	127	1			Burke		023	3290
				021	6	Hickory, part			
				030	6	Morganton			
				999	9	Balance of county			
	013	059	1			Cabarrus		025	1520
				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	127	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	097	1			Cumberland		051	2560
				013	4	Fayetteville			
				999	9	Balance of county			
	027	000	2	999	9	Currituck		053	0000
	028	000	2	999	9	Dare		055	0000
	029	121	1			Davidson		057	3120
				022	4	High Point, part			
				027	6	Lexington			
				040	6	Thomasville			
				999	9	Balance of county			
	030	121	1	999	9	Davie		059	3120
	031	000	2	999	9	Duplin		061	0000
	032	238	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	121	1			Forsyth		067	3120
				043	3	Winston-Salem			
				999	9	Balance of county			
	035	238	1	999	9	Franklin		069	6640
	036	059	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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes		
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA	
34					North Carolina	37	
	040	000	2	999	9	Greene	079 0000
	041	121	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	059	1	999	9	Lincoln	109 1520
	056	000	2	999	9	McDowell	111 0000
	057	000	2	999	9	Macon	113 0000
	058	000	2	999	9	Madison	115 0000
	059	000	2	999	9	Martin	117 0000
	060	059	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	314	1			New Hanover	129 9200
				041	5	Wilmington	
				999	9	Balance of county	
	066	000	2	999	9	Northampton	131 0000
	067	139	1			Onslow	133 3605
				023	6	Jacksonville	
				999	9	Balance of county	
	068	238	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	121	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	059	1			Rowan	159 1520
				036	6	Salisbury	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes		
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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	121	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	059	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	238	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	121	1	999	9	Yadkin	197	3120
100	000	2	999	9	Yancey	199	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	038	1	Burleigh	015 1010
			001 5	Bismarck	
			999 9	Balance of county	
	009	096	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	116	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	038	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						Page 77	
Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
36					Ohio	39	
	001	000	2	999 9	Adams		001 0000
	002	169	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	169	1	999 9	Auglaize		011 4320
	007	309	1	999 9	Belmont		013 9000
	008	000	2	999 9	Brown		015 0000
	009	124	1		Butler		017 3200
			047 5		Fairfield		
			060 4		Hamilton		
			081 5		Middletown		
			096 6		Oxford		
			999 9		Balance of county		
	010	053	1	999 9	Carroll		019 1320
	011	000	2		Champaign		021 0000
			130 6		Urbana		
			999 9		Balance of county		
	012	078	1		Clark		023 2000
			118 4		Springfield		
			999 9		Balance of county		
	013	065	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	067	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		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

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

St Cnty MSA

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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	072	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	072	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	072	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	291	1	999	9	Fulton	051	8400
027	000	2	999	9	Gallia	053	0000
028	067	1	999	9	Geauga	055	1680
029	078	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	065	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	999	9	Hardin	065	0000
034	000	2	999	9	Harrison	067	0000
035	000	2	999	9	Henry	069	0000
036	000	2	999	9	Highland	071	0000
037	000	2	999	9	Hocking	073	0000
038	000	2	999	9	Holmes	075	0000
039	000	2			Huron	077	0000
			093	6	Norwalk		
			999	9	Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St	Cnty	MSA	M/NM	City P/S		St	Cnty	MSA
36					Ohio	39		
	040	000	2	999 9	Jackson		079	0000
	041	283	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	067	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	131	1		Lawrence		087	3400
				062 6	Ironton			
				999 9	Balance of county			
	045	072	1		Licking		089	1840
				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	173	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	291	1		Lucas		095	8400
				075 6	Maumee			
				095 6	Oregon			
				123 6	Sylvania			
				126 2	Toledo			
				999 9	Balance of county			
	049	072	1	999 9	Madison		097	1840
	050	318	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	067	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	078	1		Miami		109	2000
				101 6	Piqua			
				127 6	Troy			
				999 9	Balance of county			
	056	000	2	999 9	Monroe		111	0000
	057	078	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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
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	000	2	999	9	Ottawa	123 0000
	063	000	2	999	9	Paulding	125 0000
	064	000	2	999	9	Perry	127 0000
	065	072	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	000	2	999	9	Preble	135 0000
	069	000	2	999	9	Putnam	137 0000
	070	181	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	053	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	318	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	072	1	999	9	Union	159 1840
	081	000	2			Van Wert	161 0000
				132	6	Van Wert	
				999	9	Balance of county	
	082	000	2	999	9	Vinton	163 0000
	083	065	1			Warren	165 1640
				052	6	Franklin	
				999	9	Balance of county	
	084	221	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes		
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
36						Ohio	39	
	086	000	2	999	9	Williams	171	0000
	087	291	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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
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	213	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	213	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	166	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	295	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	092	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	000	2	999 9	Le Flore	079 0000
	041	000	2	999 9	Lincoln	081 0000
	042	213	1		Logan	083 5880
				015 6	Guthrie	
				999 9	Balance of county	
	043	000	2	999 9	Love	085 0000
	044	213	1		McCain	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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes				
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
37				Oklahoma	40	
047	000	2	999 9	Major	093	0000
048	000	2	999 9	Marshall	095	0000
049	000	2	999 9	Mayes	097	0000
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	213	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	295	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	213	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	295	1		Rogers	131	8560
			008 6	Claremore		
			999 9	Balance of county		
067	000	2	999 9	Seminole	133	0000
068	106	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	295	1		Tulsa	143	8560
			006 5	Broken Arrow, part		
			026 6	Sand Springs, part		
			031 2	Tulsa, part		
			999 9	Balance of county		
073	295	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		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
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	231	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	183	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	094	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	255	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	231	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	255	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 Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes				
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
38						Oregon	41		
	033	000	2			Wasco		065	0000
				005	6	City of the Dalles			
				999	9	Balance of county			
	034	231	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	231	1			Yamhill		071	6440
				017	6	McMinnville			
				020	6	Newberg			
				999	9	Balance of county			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
39					Pennsylvania	42
	001	317	1	999 9	Adams	001 9280
	002	228	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	030	1		Beaver	007 0845
				002 6	Aliquippa	
				007 6	Beaver Falls	
				999 9	Balance of county	
	005	000	2	999 9	Bedford	009 0000
	006	240	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	225	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	144	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	282	1		Centre	027 8050
				118 5	State College	
				999 9	Balance of county	
	015	225	1		Chester	029 6160
				028 6	Coatesville	
				097 6	Phoenixville	
				124 6	Tredyffrin township	
				136 6	West Chester	
				137 6	West Goshen township	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	269	1		Columbia	037 7560
			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	125	1		Cumberland	041 3240
			021 6	Carlisle	
			038 6	East Pennsboro township	
			062 6	Lower Allen township	
			999 9	Balance of county	
022	125	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	225	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	093	1		Erie	049 2360
			042 3	Erie	
			077 5	Millcreek township	
			999 9	Balance of county	
026	228	1		Fayette	051 6280
			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	269	1		Lackawanna	069 7560
			020 6	Carbondale	
			034 6	Dunmore	
			109 4	Scranton	
			999 9	Balance of county	
036	160	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes	
St Cnty	MSA	M/NM	City P/S			St Cnty	MSA
39				Pennsylvania		42	
037	000	2		Lawrence		073	0000
			086 5	New Castle			
			999 9	Balance of county			
038	125	1		Lebanon		075	3240
			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	269	1		Luzerne		079	7560
			050 5	Hazleton			
			055 6	Kingston			
			084 6	Nanticoke			
			143 4	Wilkes-Barre			
			999 9	Balance of county			
041	312	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	271	1		Mercer		085	7610
			112 6	Sharon			
			999 9	Balance of county			
044	000	2	999 9	Mifflin		087	0000
045	269	1	999 9	Monroe		089	7560
046	225	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	999 9	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	125	1	999 9	Perry		099	3240
051	225	1	096 0	Philadelphia, coext. with Philadelphia city		101	6160
052	000	2	999 9	Pike		103	0000
053	000	2	999 9	Potter		105	0000
054	000	2		Schuylkill		107	0000
			102 6	Pottsville			
			999 9	Balance of county			
055	000	2	999 9	Snyder		109	0000
056	144	1	999 9	Somerset		111	3680
057	000	2	999 9	Sullivan		113	0000
058	000	2	999 9	Susquehanna		115	0000
059	000	2	999 9	Tioga		117	0000
060	000	2	999 9	Union		119	0000
061	000	2		Venango		121	0000
			093 6	Oil City			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes	
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
39						Pennsylvania	42
				999	9	Balance of county	
062	000	2				Warren	123 0000
				134	6	Warren	
				999	9	Balance of county	
063	228	1				Washington	125 6280
				019	6	Canonsburg	
				135	6	Washington	
				999	9	Balance of county	
064	000	2		999	9	Wayne	127 0000
065	228	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	269	1		999	9	Wyoming	131 7560
067	317	1				York	133 9280
				045	6	Hanover	
				114	6	Springettsbury township	
				117	6	Spring Garden township	
				147	5	York	
				999	9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
40				Rhode Island	44
001	234	1		Bristol	001 6483
			001 6	Barrington town	
			002 6	Bristol town	
			014 6	Warren town	
			999 9	Balance of county	
002	234	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	234	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	234	1	999 9	Washington	009 6483

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes		
St	Cnty	MSA	M/NM	City	P/S		St	Cnty	MSA
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	057	1			Berkeley		015	1440
				011	6	Goose Creek			
				015	6	Hanahan			
				999	9	Balance of county			
	009	000	2	999	9	Calhoun		017	0000
	010	057	1			Charleston		019	1440
				004	4	Charleston			
				017	6	Mount Pleasant			
				020	4	North Charleston			
				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	057	1	999	9	Dorchester		035	1440
	019	000	2	999	9	Edgefield		037	0000
	020	000	2	999	9	Fairfield		039	0000
	021	101	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	122	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	070	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	122	1			Pickens		077	3160
				007	6	Easley			
				999	9	Balance of county			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes		
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
41						South Carolina	45	
	040	070	1			Richland	079	1760
				005	3	Columbia		
				999	9	Balance of county		
	041	000	2	999	9	Saluda	081	0000
	042	122	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	059	1			York	091	1520
				022	5	Rock Hill		
				999	9	Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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	276	1		Minnehaha		099 7760
				007	4 Sioux Falls, part		
				999	9 Balance of county		
	050	000	2	999	9 Moody		101 0000
	051	239	1		Pennington		103 6660
				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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						Page 95	
Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
43					Tennessee	47	
	001	152	1		Anderson	001	3840
			031	5	Oak Ridge, part		
			999	9	Balance of county		
	002	000	2		Bedford	003	0000
			034	6	Shelbyville		
			999	9	Balance of county		
	003	000	2	999	9 Benton	005	0000
	004	000	2	999	9 Bledsoe	007	0000
	005	152	1		Blount	009	3840
			025	6	Maryville		
			999	9	Balance of county		
	006	000	2		Bradley	011	0000
			006	5	Cleveland		
			999	9	Balance of county		
	007	000	2	999	9 Campbell	013	0000
	008	000	2	999	9 Cannon	015	0000
	009	000	2	999	9 Carroll	017	0000
	010	143	1		Carter	019	3660
			011	6	Elizabethton		
			019	5	Johnson City, part		
			999	9	Balance of county		
	011	200	1	999	9 Cheatham	021	5360
	012	000	2	999	9 Chester	023	0000
	013	000	2	999	9 Claiborne	025	0000
	014	000	2	999	9 Clay	027	0000
	015	000	2	999	9 Cocke	029	0000
	016	000	2		Coffee	031	0000
			036	6	Tullahoma, part		
			999	9	Balance of county		
	017	000	2	999	9 Crockett	033	0000
	018	000	2	999	9 Cumberland	035	0000
	019	200	1		Davidson	037	5360
			030	2	Nashville-Davidson		
			999	9	Balance of county		
	020	000	2	999	9 Decatur	039	0000
	021	000	2	999	9 De Kalb	041	0000
	022	200	1	999	9 Dickson	043	5360
	023	000	2		Dyer	045	0000
			009	6	Dyersburg		
			999	9	Balance of county		
	024	000	2	999	9 Fayette	047	0000
	025	000	2	999	9 Fentress	049	0000
	026	000	2		Franklin	051	0000
			036	6	Tullahoma, part		
			999	9	Balance of county		
	027	000	2		Gibson	053	0000
			017	6	Humboldt		
			999	9	Balance of county		
	028	000	2	999	9 Giles	055	0000
	029	152	1	999	9 Grainger	057	3840
	030	000	2		Greene	059	0000
			015	6	Greeneville		
			999	9	Balance of county		
	031	000	2	999	9 Grundy	061	0000
	032	000	2		Hamblen	063	0000
			028	6	Morristown		
			999	9	Balance of county		
	033	061	1		Hamilton	065	1560
			004	3	Chattanooga		
			010	6	East Ridge		
			033	6	Red Bank		
			999	9	Balance of county		
	034	000	2	999	9 Hancock	067	0000
	035	000	2	999	9 Hardeman	069	0000
	036	000	2	999	9 Hardin	071	0000
	037	143	1		Hawkins	073	3660
			020	5	Kingsport, part		
			999	9	Balance of county		
	038	000	2	999	9 Haywood	075	0000
	039	000	2	999	9 Henderson	077	0000
	040	000	2		Henry	079	0000
			032	6	Paris		
			999	9	Balance of county		
	041	000	2	999	9 Hickman	081	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
43				Tennessee	47
			999 9	Balance of county	
084	185	1	999 9	Tipton	167 4920
085	000	2	999 9	Trousdale	169 0000
086	143	1	999 9	Unicoi	171 3660
087	152	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	143	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	200	1		Williamson	187 5360
			012 6	Franklin	
			999 9	Balance of county	
095	200	1		Wilson	189 5360
			023 6	Lebanon	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
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	151	1			Bell	027 3810
				017	6	Belton	
				073	5	Killeen	
				132	5	Temple	
				999	9	Balance of county	
	015	259	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	290	1			Bowie	037 8360
				134	5	Texarkana	
				999	9	Balance of county	
	020	045	1			Brazoria	039 1145
				003	6	Alvin	
				006	6	Angleton	
				053	6	Freeport	
				075	6	Lake Jackson	
				107	6	Pearland, part	
				999	9	Balance of county	
	021	049	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	000	2			Callahan	059 0000
	031	048	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA	
44				Texas	48		
	037	000	2	Cherokee		073	0000
			070 6	Jacksonville			
			999 9	Balance of county			
	038	000	2	Childress		075	0000
	039	000	2	Clay		077	0000
	040	000	2	Cochran		079	0000
	041	000	2	Coke		081	0000
	042	000	2	Coleman		083	0000
	043	075	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	Collingsworth		087	0000
	045	000	2	Colorado		089	0000
	046	259	1	Comal		091	7240
			099 6	New Braunfels, part			
			999 9	Balance of county			
	047	000	2	Comanche		093	0000
	048	000	2	Concho		095	0000
	049	000	2	Cooke		097	0000
			055 6	Gainesville			
			999 9	Balance of county			
	050	151	1	Coryell		099	3810
			033 6	Copperas Cove			
			999 9	Balance of county			
	051	000	2	Cottle		101	0000
	052	000	2	Crane		103	0000
	053	000	2	Crockett		105	0000
	054	000	2	Crosby		107	0000
	055	000	2	Culberson		109	0000
	056	000	2	Dallam		111	0000
	057	075	1	Dallas		113	1920
			010 6	Balch Springs			
			029 5	Carrollton, part			
			036 1	Dallas, part			
			041 6	De Soto			
			043 5	Duncanville			
			050 6	Farmers Branch			
			057 3	Garland, part			
			058 4	Grand Prairie, part			
			059 6	Grapevine, part			
			069 3	Irving			
			078 6	Lancaster			
			091 4	Mesquite			
			116 4	Richardson, part			
			139 6	University Park			
			999 9	Balance of county			
	058	000	2	Dawson		115	0000
			077 6	Lamesa			
			999 9	Balance of county			
	059	000	2	Deaf Smith		117	0000
			065 6	Hereford			
			999 9	Balance of county			
	060	000	2	Delta		119	0000
	061	075	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	De Witt		123	0000
	063	000	2	Dickens		125	0000
	064	000	2	Dimmit		127	0000
	065	000	2	Donley		129	0000
	066	000	2	Duval		131	0000
	067	000	2	Eastland		133	0000
	068	212	1	Ector		135	5800
			101 4	Odessa			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
44				Texas	48
			999 9	Balance of county	
	069	000	2 999 9	Edwards	137 0000
	070	075	1 999 9	Ellis	139 1920
			048 6	Ennis	
			058 4	Grand Prairie, part	
			146 6	Waxahachie	
			999 9	Balance of county	
	071	089	1 999 9	El Paso	141 2320
			047 2	El Paso	
			999 9	Balance of county	
	072	000	2 999 9	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	130	1 999 9	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	113	1 999 9	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	2 999 9	Gray	179 0000
			104 6	Pampa	
			999 9	Balance of county	
	091	273	1 999 9	Grayson	181 7640
			039 6	Denison	
			125 5	Sherman	
			999 9	Balance of county	
	092	172	1 999 9	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	259	1 999 9	Guadalupe	187 7240
			099 6	New Braunfels, part	
			124 6	Seguin	
			999 9	Balance of county	
	095	000	2 999 9	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	130	1 999 9	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
44				Texas	48
			127 6	South Houston	
			149 6	West University Place	
			999 9	Balance of county	
102	172	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	023	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	182	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	000	2	999 9	Hood	221 0000
112	000	2		Hopkins	223 0000
			129 6	Sulphur Springs	
			999 9	Balance of county	
113	000	2	999 9	Houston	225 0000
114	000	2		Howard	227 0000
			019 6	Big Spring	
			999 9	Balance of county	
115	000	2	999 9	Hudspeth	229 0000
116	000	2		Hunt	231 0000
			060 6	Greenville	
			999 9	Balance of county	
117	000	2		Hutchinson	233 0000
			020 6	Borger	
			999 9	Balance of county	
118	000	2	999 9	Irion	235 0000
119	000	2	999 9	Jack	237 0000
120	000	2	999 9	Jackson	239 0000
121	000	2	999 9	Jasper	241 0000
122	000	2	999 9	Jeff Davis	243 0000
123	029	1		Jefferson	245 0840
			013 3	Beaumont	
			061 6	Groves	
			098 6	Nederland	
			112 4	Port Arthur	
			115 6	Port Neches	
			999 9	Balance of county	
124	000	2	999 9	Jim Hogg	247 0000
125	000	2		Jim Wells	249 0000
			002 6	Alice	
			999 9	Balance of county	
126	109	1		Johnson	251 2800
			027 6	Burleson, part	
			030 6	Cleburne	
			999 9	Balance of county	
127	000	2		Jones	253 0000
			001 4	Abilene, part	
			999 9	Balance of county	
128	000	2	999 9	Karnes	255 0000
129	075	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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes					
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
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	130	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	176	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	304	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	189	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	130	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	073	1			Nueces		355	1880
				034	3	Corpus Christi, part			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes				
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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	109	1				Parker	367	2800
				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	075	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	073	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	297	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	109	1				Tarrant	439	2800
				007	3	Arlington		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	258	1		Tom Green	451 7200
			120 4	San Angelo	
			999 9	Balance of county	
227	023	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	301	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	130	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	162	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	311	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	023	1		Williamson	491 0640
			009 2	Austin, part	
			119 6	Round Rock, part	
			131 6	Taylor	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
44					Texas	48	
	247	000	2	999	9 Wilson		493 0000
	248	000	2	999	9 Winkler		495 0000
	249	000	2	999	9 Wise		497 0000
	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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
45					Utah	49
	001	000	2	999 9	Beaver	001 0000
	002	000	2		Box Elder	003 0000
				003 6	Brigham City	
				999 9	Balance of county	
	003	000	2		Cache	005 0000
				007 5	Logan	
				999 9	Balance of county	
	004	000	2	999 9	Carbon	007 0000
	005	000	2	999 9	Daggett	009 0000
	006	257	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	257	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	000	2		Tooele	045 0000
				021 6	Tooele	
				999 9	Balance of county	
	024	000	2	999 9	Uintah	047 0000
	025	235	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	257	1		Weber	057 7160
				010 4	Ogden	
				014 6	Roy	
				018 6	South Ogden	
				999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
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	052	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	052	1	999 9	Grand Isle	013 1303
	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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes				
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
47						Virginia	51		
	001	000	2	999	9	Accomack	001	0000	
	002	060	1	999	9	Albemarle	003	1540	
	003	305	1	001	3	Alexandria city	510	8840	
	004	000	2	999	9	Alleghany	005	0000	
	005	000	2	999	9	Amelia	007	0000	
	006	177	1	999	9	Amherst	009	4640	
	007	000	2	999	9	Appomattox	011	0000	
	008	305	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	246	1	999	9	Botetourt	023	6800	
	015	143	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	177	1	999	9	Campbell	031	4640	
	021	000	2	999	9	Caroline	033	0000	
	022	000	2	999	9	Carroll	035	0000	
	023	244	1	999	9	Charles City	036	6760	
	024	000	2	999	9	Charlotte	037	0000	
	025	060	1	005	5	Charlottesville city	540	1540	
	026	209	1	006	3	Chesapeake city	550	5720	
	027	244	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	244	1	008	6	Colonial Heights city	570	6760	
	031	000	2	999	9	Covington city	580	0000	
	032	000	2	999	9	Craig	045	0000	
	033	000	2	999	9	Culpeper	047	0000	
	034	000	2	999	9	Cumberland	049	0000	
	035	076	1	009	5	Danville city	590	1950	
	036	000	2	999	9	Dickenson	051	0000	
	037	244	1	999	9	Dinwiddie	053	6760	
	038	000	2	999	9	Emporia city	595	0000	
	039	000	2	999	9	Essex	057	0000	
	040	305	1			Fairfax	059	8840	
				015	6	Herndon			
				031	6	Vienna			
				999	9	Balance of county			
	041	305	1	010	6	Fairfax city	600	8840	
	042	305	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	060	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	209	1	999	9	Gloucester	073	5720	
	053	244	1	999	9	Goochland	075	6760	
	054	000	2	999	9	Grayson	077	0000	
	055	060	1	999	9	Greene	079	1540	
	056	000	2	999	9	Greensville	081	0000	
	057	000	2	999	9	Halifax	083	0000	
	058	209	1	013	3	Hampton city	650	5720	
	059	244	1	999	9	Hanover	085	6760	
	060	000	2	014	6	Harrisonburg city	660	0000	
	061	244	1	999	9	Henrico	087	6760	
	062	000	2	999	9	Henry	089	0000	
	063	000	2	999	9	Highland	091	0000	
	064	244	1	016	6	Hopewell city	670	6760	
	065	000	2	999	9	Isle of Wight	093	0000	
	066	209	1	999	9	James City	095	5720	
	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	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes				
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA		
47					Virginia	51			
	071	000	2	999	9	Lee	105	0000	
	072	000	2	999	9	Lexington city	678	0000	
	073	305	1	999	9	Loudoun	107	8840	
	074	000	2	999	9	Louisa	109	0000	
	075	000	2	999	9	Lunenburg	111	0000	
	076	177	1	017	4	Lynchburg city	680	4640	
	077	000	2	999	9	Madison	113	0000	
	078	305	1	018	6	Manassas city	683	8840	
	079	305	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	244	1	999	9	New Kent	127	6760	
	087	209	1	020	3	Newport News city	700	5720	
	088	209	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	244	1	022	5	Petersburg city	730	6760	
	097	076	1	999	9	Pittsylvania	143	1950	
	098	209	1	999	9	Poquoson city	735	5720	
	099	209	1	023	3	Portsmouth city	740	5720	
	100	244	1	999	9	Powhatan	145	6760	
	101	000	2	999	9	Prince Edward	147	0000	
	102	244	1	999	9	Prince George	149	6760	
	103	305	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	244	1	026	3	Richmond city	760	6760	
	109	246	1	999	9	Roanoke	161	6800	
	110	246	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	246	1	028	6	Salem city	775	6800	
	115	143	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	305	1	999	9	Stafford	179	8840	
	122	000	2	029	6	Staunton city	790	0000	
	123	209	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	209	1	032	2	Virginia Beach city	810	5720	
	128	000	2			Warren	187	0000	
				012	6	Front Royal			
				999	9	Balance of county			
	129	143	1	999	9	Washington	191	3660	
	130	000	2	033	6	Waynesboro city	820	0000	
	131	000	2	999	9	Westmoreland	193	0000	
	132	209	1	999	9	Williamsburg city	830	5720	
	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	209	1	999	9	York	199	5720	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes	
St	Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
48					Washington	53
	001	000	2	999 9	Adams	001 0000
	002	000	2	999 9	Asotin	003 0000
	003	243	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	300	1		Clark	011 8725
				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	243	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	270	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	046	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	286	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	270	1		Snohomish	061 7600
				007 5	Edmonds	
				009 4	Everett	
				016 6	Lynnwood	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
48				Washington	53
			019 6	Mountlake Terrace	
			999 9	Balance of county	
032	278	1		Spokane	063 7840
			031 3	Spokane	
			999 9	Balance of county	
033	000	2	999 9	Stevens	065 0000
034	214	1		Thurston	067 5910
			014 6	Lacey	
			022 5	Olympia	
			999 9	Balance of county	
035	000	2	999 9	Wahkiakum	069 0000
036	000	2		Walla Walla	071 0000
			034 5	Walla Walla	
			999 9	Balance of county	
037	031	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	316	1		Yakima	077 9260
			036 5	Yakima	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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	283	1			Brooke	009	8080
				014	6	Weirton, part		
				999	9	Balance of county		
	006	131	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	283	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	058	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	309	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	074	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	309	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	058	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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes		
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
49						West Virginia	54	
	048	000	2	999	9	Tyler	095	0000
	049	000	2	999	9	Upshur	097	0000
	050	131	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	000	2	999	9	Wirt	105	0000
	054	221	1			Wood	107	6020
				010	5	Parkersburg		
				013	6	Vienna		
				999	9	Balance of county		
	055	000	2	999	9	Wyoming	109	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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	120	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	088	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	179	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	087	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	088	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	150	1		Kenosha		059 3800
				021	4 Kenosha		
				999	9 Balance of county		
	031	000	2	999	9 Kewaunee		061 0000
	032	154	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	307	1		Marathon		073 8940
				026	6 Marshfield, part		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
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	190	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	190	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	237	1		Racine	101 6600
			039 4	Racine	
			999 9	Balance of county	
053	000	2	999 9	Richland	103 0000
054	141	1		Rock	105 3620
			005 5	Beloit	
			019 4	Janesville	
			999 9	Balance of county	
055	000	2	999 9	Rusk	107 0000
056	191	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	272	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	190	1		Washington	131 5080
			014 6	Germantown	
			032 1	Milwaukee, part	
			053 6	West Bend	
			999 9	Balance of county	
068	190	1		Waukesha	133 5080
			006 5	Brookfield	
			028 5	Menomonee Falls	
			034 6	Muskego	
			036 5	New Berlin	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						Page 117	
Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
51					Wyoming	56	
	001	000	2		Albany		001 0000
				005 6	Laramie		
				999 9	Balance of county		
	002	000	2	999 9	Big Horn		003 0000
	003	000	2		Campbell		005 0000
				003 6	Gillette		
				999 9	Balance of county		
	004	000	2		Carbon		007 0000
				006 6	Rawlins		
				999 9	Balance of county		
	005	000	2	999 9	Converse		009 0000
	006	000	2	999 9	Crook		011 0000
	007	000	2	999 9	Fremont		013 0000
	008	000	2	999 9	Goshen		015 0000
	009	000	2	999 9	Hot Springs		017 0000
	010	000	2	999 9	Johnson		019 0000
	011	062	1		Laramie		021 1580
				002 5	Cheyenne		
				999 9	Balance of county		
	012	000	2	999 9	Lincoln		023 0000
	013	054	1		Natrona		025 1350
				001 4	Casper		
				999 9	Balance of county		
	014	000	2	999 9	Niobrara		027 0000
	015	000	2	999 9	Park		029 0000
	016	000	2	999 9	Platte		031 0000
	017	000	2		Sheridan		033 0000
				008 6	Sheridan		
				999 9	Balance of county		
	018	000	2	999 9	Sublette		035 0000
	019	000	2		Sweetwater		037 0000
				004 6	Green River		
				007 6	Rock Springs		
				999 9	Balance of county		
	020	000	2	999 9	Teton		039 0000
	021	000	2	999 9	Uinta		041 0000
	022	000	2	999 9	Washakie		043 0000
	023	000	2	999 9	Weston		045 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes			
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
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 Metropolitan Statistical Areas
and their Component Counties

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes				Area Name and County Components	FIPS Codes		
Area	State	County	Area		State	Cnty	
001	44	221		Abilene, TX MSA Texas Taylor	0040	48	441
002	36	067 077		Akron, OH PMSA Ohio Portage Summit	0080	39	133 153
003	11	047 088		Albany, GA MSA Georgia Dougherty Lee	0120	13	095 177
004	33	001 019 027 039 042 043		Albany-Schenectady-Troy, NY MSA New York Albany Greene Montgomery Rensselaer Saratoga Schenectady	0160	36	001 039 057 083 091 093
005	32	001		Albuquerque, NM MSA New Mexico Bernalillo	0200	35	001
006	19	040		Alexandria, LA MSA Louisiana Rapides	0220	22	079
007	31	021 39 013 039 048		Allentown-Bethlehem-Easton, PA-NJ MSA New Jersey Warren Pennsylvania Carbon Lehigh Northampton	0240	34 42	041 025 077 095
008	39	007		Altoona, PA MSA Pennsylvania Blair	0280	42	013
009	44	188 191		Amarillo, TX MSA Texas Potter Randall	0320	48	375 381
010	05	030		Anaheim-Santa Ana, CA PMSA California Orange	0360	06	059
011	02	002		Anchorage, AK MSA Alaska Anchorage, coext. with Anchorage city	0380	02	020
012	15	048		Anderson, IN MSA Indiana Madison	0400	18	095
013	41	004		Anderson, SC MSA South Carolina Anderson	0405	45	007
014	23	081		Ann Arbor, MI PMSA Michigan Washtenaw	0440	26	161
015	01	008		Anniston, AL MSA Alabama Calhoun	0450	01	015

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
016	50		Appleton-Oshkosh-Neenah, WI MSA	0460		
			Wisconsin		55	
		008	Calumet			015
		045	Outagamie			087
		071	Winnebago			139
017	34		Asheville, NC MSA	0480		
			North Carolina		37	
		011	Buncombe			021
018	11		Athens, GA MSA	0500		
			Georgia		13	
		029	Clarke			059
		078	Jackson			157
		097	Madison			195
		108	Oconee			219
019	11		Atlanta, GA MSA	0520		
			Georgia		13	
		007	Barrow			013
		018	Butts			035
		028	Cherokee			057
		031	Clayton			063
		033	Cobb			067
		038	Coweta			077
		044	De Kalb			089
		048	Douglas			097
		056	Fayette			113
		058	Forsyth			117
		060	Fulton			121
		067	Gwinnett			135
		075	Henry			151
		107	Newton			217
		110	Paulding			223
		122	Rockdale			247
		126	Spalding			255
		147	Walton			297
020	31		Atlantic City, NJ MSA	0560		
			New Jersey		34	
		001	Atlantic			001
		005	Cape May			009
021	11		Augusta, GA-SC MSA	0600		
			Georgia		13	
		036	Columbia			073
		094	McDuffie			189
		121	Richmond			245
	41		South Carolina		45	
		002	Aiken			003
022	14		Aurora-Elgin, IL PMSA	0620		
			Illinois		17	
		045	Kane			089
		047	Kendall			093
023	44		Austin, TX MSA	0640		
			Texas		48	
		105	Hays			209
		227	Travis			453
		246	Williamson			491
024	05		Bakersfield, CA MSA	0680		
			California		06	
		015	Kern			029
025	21		Baltimore, MD MSA	0720		
			Maryland		24	
		002	Anne Arundel			003
		003	Baltimore			005
		004	Baltimore city			510
		007	Carroll			013
		013	Harford			025
		014	Howard			027
		018	Queen Anne's			035

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
026	20	010	Bangor, ME NECMA Maine Penobscot	0733	23	019
027	19	003 017 032 061	Baton Rouge, LA MSA Louisiana Ascension East Baton Rouge Livingston West Baton Rouge	0760	22	005 033 063 121
028	23	013	Battle Creek, MI MSA Michigan Calhoun	0780	26	025
029	44	100 123 181	Beaumont-Port Arthur, TX MSA Texas Hardin Jefferson Orange	0840	48	199 245 361
030	39	004	Beaver County, PA PMSA Pennsylvania Beaver	0845	42	007
031	48	037	Bellingham, WA MSA Washington Whatcom	0860	53	079
032	23	011	Benton Harbor, MI MSA Michigan Berrien	0870	26	021
033	31	002 016	Bergen-Passaic, NJ PMSA New Jersey Bergen Passaic	0875	34	003 031
034	27	056	Billings, MT MSA Montana Yellowstone	0880	30	111
035	25	023 024	Biloxi-Gulfport, MS MSA Mississippi Hancock Harrison	0920	28	045 047
036	33	003 050	Binghamton, NY MSA New York Broome Tioga	0960	36	007 107
037	01	005 037 058 059 064	Birmingham, AL MSA Alabama Blount Jefferson St. Clair Shelby Walker	1000	01	009 073 115 117 127
038	35	008 030	Bismarck, ND MSA North Dakota Burleigh Morton	1010	38	015 059
039	15	053	Bloomington, IN MSA Indiana Monroe	1020	18	105
040	14	057	Bloomington-Normal, IL MSA Illinois McLean	1040	17	113
041	13	001	Boise City, ID MSA Idaho Ada	1080	16	001

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
042	22		Boston-Lawrence-Salem-Lowell-Brockton, MA NECMA Massachusetts	1123	25	
		005	Essex			009
		009	Middlesex			017
		011	Norfolk			021
		012	Plymouth			023
		013	Suffolk			025
043	06		Boulder-Longmont, CO PMSA Colorado	1125	08	
		007	Boulder			013
044	10		Bradenton, FL MSA Florida	1140	12	
		041	Manatee			081
045	44		Brazoria, TX PMSA Texas	1145	48	
		020	Brazoria			039
046	48		Bremerton, WA MSA Washington	1150	53	
		018	Kitsap			035
047	07		Bridgeport-Stamford-Norwalk-Danbury, CT NECMA Connecticut	1163	09	
		001	Fairfield			001
048	44		Brownsville-Harlingen, TX MSA Texas	1240	48	
		031	Cameron			061
049	44		Bryan-College Station, TX MSA Texas	1260	48	
		021	Brazos			041
050	33		Buffalo, NY PMSA New York	1280	36	
		014	Erie			029
051	34		Burlington, NC MSA North Carolina	1300	37	
		001	Alamance			001
052	46		Burlington, VT NECMA Vermont	1303	50	
		004	Chittenden			007
		007	Grand Isle			013
053	36		Canton, OH MSA Ohio	1320	39	
		010	Carroll			019
		076	Stark			151
054	51		Casper, WY MSA Wyoming	1350	56	
		013	Natrona			025
055	16		Cedar Rapids, IA MSA Iowa	1360	19	
		057	Linn			113
056	14		Champaign-Urbana-Rantoul, IL MSA Illinois	1400	17	
		010	Champaign			019
057	41		Charleston, SC MSA South Carolina	1440	45	
		008	Berkeley			015
		010	Charleston			019
		018	Charleston			035
058	49		Charleston, WV MSA West Virginia	1480	54	
		020	Kanawha			039
		040	Putnam			079

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
059			Charlotte-Gastonia-Rock Hill, NC-SC MSA	1520		
	34		North Carolina		37	
		013	Cabarrus			025
		036	Gaston			071
		055	Lincoln			109
		060	Mecklenburg			119
		080	Rowan			159
		090	Union			179
	41		South Carolina		45	
		046	York			091
060			Charlottesville, VA MSA	1540		
	47		Virginia		51	
		002	Albemarle			003
		025	Charlottesville city			540
		045	Fluvanna			065
		055	Greene			079
061			Chattanooga, TN-GA MSA	1560		
	11		Georgia		13	
		023	Catoosa			047
		041	Dade			083
		146	Walker			295
	43		Tennessee		47	
		033	Hamilton			065
		058	Marion			115
		077	Sequatchie			153
062			Cheyenne, WY MSA	1580		
	51		Wyoming		56	
		011	Laramie			021
063			Chicago, IL PMSA	1600		
	14		Illinois		17	
		016	Cook			031
		022	Du Page			043
		056	McHenry			111
064			Chico, CA MSA	1620		
	05		California		06	
		004	Butte			007
065			Cincinnati, OH-KY-IN PMSA	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
066			Clarksville-Hopkinsville, TN-KY MSA	1660		
	18		Kentucky		21	
		024	Christian			047
	43		Tennessee		47	
		063	Montgomery			125
067			Cleveland, OH PMSA	1680		
	36		Ohio		39	
		018	Cuyahoga			035
		028	Geauga			055
		043	Lake			085
		052	Medina			103
068			Colorado Springs, CO MSA	1720		
	06		Colorado		08	
		021	El Paso			041
069			Columbia, MO MSA	1740		
	26		Missouri		29	
		010	Boone			019

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
070	41		Columbia, SC MSA	1760		
		032	South Carolina		45	
		040	Lexington			063
			Richland			079
071	01		Columbus, GA-AL MSA	1800		
		057	Alabama		01	
	11		Russell			113
		026	Georgia		13	
		106	Chattahoochee			053
			Muscogee			215
072	36		Columbus, OH MSA	1840		
		021	Ohio		39	
		023	Delaware			041
		025	Fairfield			045
		045	Franklin			049
		049	Licking			089
		065	Madison			097
		080	Pickaway			129
			Union			159
073	44		Corpus Christi, TX MSA	1880		
		178	Texas		48	
		205	Nueces			355
			San Patricio			409
074	21		Cumberland, MD-WV MSA	1900		
		001	Maryland		24	
	49		Allegany			001
		029	West Virginia		54	
			Mineral			057
075	44		Dallas, TX PMSA	1920		
		043	Texas		48	
		057	Collin			085
		061	Dallas			113
		070	Denton			121
		129	Ellis			139
		199	Kaufman			257
			Rockwall			397
076	47		Danville, VA MSA	1950		
		035	Virginia		51	
		097	Danville city			590
			Pittsylvania			143
077	14		Davenport-Rock Island-Moline, IA-IL MSA	1960		
		037	Illinois		17	
		081	Henry			073
	16		Rock Island			161
		082	Iowa		19	
			Scott			163
078	36		Dayton-Springfield, OH MSA	2000		
		012	Ohio		39	
		029	Clark			023
		055	Greene			057
		057	Miami			109
			Montgomery			113
079	10		Daytona Beach, FL MSA	2020		
		064	Florida		12	
			Volusia			127
080	01		Decatur, AL MSA	2030		
		040	Alabama		01	
		052	Lawrence			079
			Morgan			103
081	14		Decatur, IL MSA	2040		
		058	Illinois		17	
			Macon			115

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
082	06		Denver, CO PMSA	2080		
			Colorado		08	
		001	Adams			001
		003	Arapahoe			005
		016	Denver, coext. with Denver city			031
		018	Douglas			035
		030	Jefferson			059
083	16		Des Moines, IA MSA	2120		
			Iowa		19	
		025	Dallas			049
		077	Polk			153
		091	Warren			181
084	23		Detroit, MI PMSA	2160		
			Michigan		26	
		044	Lapeer			087
		047	Livingston			093
		050	Macomb			099
		058	Monroe			115
		063	Oakland			125
		074	St. Clair			147
		082	Wayne			163
085	01		Dothan, AL MSA	2180		
			Alabama		01	
		023	Dale			045
		035	Houston			069
086	16		Dubuque, IA MSA	2200		
			Iowa		19	
		031	Dubuque			061
087	24		Duluth, MN-WI MSA	2240		
			Minnesota		27	
		069	St. Louis			137
	50		Wisconsin		55	
		016	Douglas			031
088	50		Eau Claire, WI MSA	2290		
			Wisconsin		55	
		009	Chippewa			017
		018	Eau Claire			035
089	44		El Paso, TX MSA	2320		
			Texas		48	
		071	El Paso			141
090	15		Elkhart-Goshen, IN MSA	2330		
			Indiana		18	
		020	Elkhart			039
091	33		Elmira, NY MSA	2335		
			New York		36	
		007	Chemung			015
092	37		Enid, OK MSA	2340		
			Oklahoma		40	
		024	Garfield			047
093	39		Erie, PA MSA	2360		
			Pennsylvania		42	
		025	Erie			049
094	38		Eugene-Springfield, OR MSA	2400		
			Oregon		41	
		020	Lane			039
095	15		Evansville, IN-KY MSA	2440		
			Indiana		18	
		065	Posey			129
		082	Vanderburgh			163
		087	Warrick			173
	18		Kentucky		21	
		051	Henderson			101

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
096	24		Fargo-Moorhead, ND-MN MSA	2520		
		014	Minnesota		27	
	35		Clay			027
		009	North Dakota		38	
			Cass			017
097	34		Fayetteville, NC MSA	2560		
		026	North Carolina		37	
			Cumberland			051
098	04		Fayetteville-Springdale, AR MSA	2580		
		072	Arkansas		05	
			Washington			143
099	23		Flint, MI MSA	2640		
		025	Michigan		26	
			Genesee			049
100	01		Florence, AL MSA	2650		
		017	Alabama		01	
		039	Colbert			033
			Lauderdale			077
101	41		Florence, SC MSA	2655		
		021	South Carolina		45	
			Florence			041
102	06		Fort Collins-Loveland, CO MSA	2670		
		035	Colorado		08	
			Larimer			069
103	10		Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA	2680		
		006	Florida		12	
			Broward			011
104	10		Fort Myers-Cape Coral, FL MSA	2700		
		036	Florida		12	
			Lee			071
105	10		Fort Pierce, FL MSA	2710		
		043	Florida		12	
		056	Martin			085
			St. Lucie			111
106	04		Fort Smith, AR-OK MSA	2720		
		017	Arkansas		05	
		066	Crawford			033
	37		Sebastian		40	
		068	Oklahoma			135
			Sequoyah			
107	10		Fort Walton Beach, FL MSA	2750		
		046	Florida		12	
			Okaloosa			091
108	15		Fort Wayne, IN MSA	2760		
		002	Indiana		18	
		017	Allen			003
		092	De Kalb			033
			Whitley			183
109	44		Fort Worth-Arlington, TX PMSA	2800		
		126	Texas		48	
		184	Johnson			251
		220	Parker			367
			Tarrant			439
110	05		Fresno, CA MSA	2840		
		010	California		06	
			Fresno			019
111	01		Gadsden, AL MSA	2880		
		028	Alabama		01	
			Etowah			055

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
112	10		Gainesville, FL MSA	2900		
			Florida		12	
		001	Alachua			001
		004	Bradford			007
113	44		Galveston-Texas City, TX PMSA	2920		
			Texas		48	
		084	Galveston			167
114	15		Gary-Hammond, IN PMSA	2960		
			Indiana		18	
		045	Lake			089
		064	Porter			127
115	33		Glens Falls, NY MSA	2975		
			New York		36	
		053	Warren			113
		054	Washington			115
116	35		Grand Forks, ND MSA	2985		
			North Dakota		38	
		018	Grand Forks			035
117	23		Grand Rapids, MI MSA	3000		
			Michigan		26	
		041	Kent			081
		070	Ottawa			139
118	27		Great Falls, MT MSA	3040		
			Montana		30	
		007	Cascade			013
119	06		Greeley, CO MSA	3060		
			Colorado		08	
		062	Weid			123
120	50		Green Bay, WI MSA	3080		
			Wisconsin		55	
		005	Brown			009
121	34		Greensboro--Winston-Salem--High Point, NC MSA	3120		
			North Carolina		37	
		029	Davidson			057
		030	Davie			059
		034	Forsyth			067
		041	Guilford			081
		076	Randolph			151
		085	Stokes			169
		099	Yadkin			197
122	41		Greenville-Spartanburg, SC MSA	3160		
			South Carolina		45	
		023	Greenville			045
		039	Pickens			077
		042	Spartanburg			083
123	21		Hagerstown, MD MSA	3180		
			Maryland		24	
		022	Washington			043
124	36		Hamilton-Middletown, OH PMSA	3200		
			Ohio		39	
		009	Butler			017
125	39		Harrisburg-Lebanon-Carlisle, PA MSA	3240		
			Pennsylvania		42	
		021	Cumberland			041
		022	Dauphin			043
		038	Lebanon			075
		050	Perry			099
126	07		Hartford-New Britain-Middletown, CT NECMA	3283		
			Connecticut		09	
		002	Hartford			003
		004	Middlesex			007
		007	Tolland			013

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
127	34		Hickory-Morganton, NC MSA	3290	37	
		002	North Carolina Alexander			003
		012	Burke			023
		018	Catawba			035
128	12		Honolulu, HI MSA	3320	15	
		002	Hawaii Honolulu			003
129	19		Houma-Thibodaux, LA MSA	3350	22	
		029	Louisiana Lafourche			057
		055	Terrebonne			109
130	44		Houston, TX PMSA	3360	48	
		079	Texas Fort Bend			157
		101	Harris			201
		146	Liberty			291
		170	Montgomery			339
		237	Waller			473
131	18		Huntington-Ashland, WV-KY-OH MSA	3400	21	
		010	Kentucky Boyd			019
		022	Carter			043
		045	Greenup			089
	36		Ohio Lawrence		39	087
	49		West Virginia Cabell		54	011
		006	Wayne			099
		050				
132	01		Huntsville, AL MSA	3440	01	
		045	Alabama Madison			089
133	15		Indianapolis, IN MSA	3480	18	
		006	Indiana Boone			011
		029	Hamilton			057
		030	Hancock			059
		032	Hendricks			063
		041	Johnson			081
		049	Marion			097
		055	Morgan			109
		073	Shelby			145
134	16		Iowa City, IA MSA	3500	19	
		052	Iowa Johnson			103
135	23		Jackson, MI MSA	3520	26	
		038	Michigan Jackson			075
136	25		Jackson, MS MSA	3560	28	
		025	Mississippi Hinds			049
		045	Madison			089
		061	Rankin			121
137	43		Jackson, TN MSA	3580	47	
		057	Tennessee Madison			113
138	10		Jacksonville, FL MSA	3600	12	
		010	Florida Clay			019
		016	Duval			031
		045	Nassau			089
		055	St. Johns			109

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
139	34	067	Jacksonville, NC MSA North Carolina Onslow	3605	37	133
140	33	006	Jamestown-Dunkirk, NY MSA New York Chautauqua	3610	36	013
141	50	054	Janesville-Beloit, WI MSA Wisconsin Rock	3620	55	105
142	31	009	Jersey City, NJ PMSA New Jersey Hudson	3640	34	017
143	43	010 037 082 086 090	Johnson City-Kingsport-Bristol, TN-VA MSA Tennessee Carter Hawkins Sullivan Unicoi Washington	3660	47	019 073 163 171 179
	47	015 115 129	Virginia Bristol city Scott Washington		51	520 169 191
144	39	011 056	Johnstown, PA MSA Pennsylvania Cambria Somerset	3680	42	021 111
145	14	032 099	Joliet, IL PMSA Illinois Grundy Will	3690	17	063 197
146	26	049 073	Joplin, MO MSA Missouri Jasper Newton	3710	29	097 145
147	23	039	Kalamazoo, MI MSA Michigan Kalamazoo	3720	26	077
148	14	046	Kankakee, IL MSA Illinois Kankakee	3740	17	091
149	17	046 052 061 105	Kansas City, MO-KS MSA Kansas Johnson Leavenworth Miami Wyandotte	3760	20	091 103 121 209
	26	019 024 048 054 083 089	Missouri Cass Clay Jackson Lafayette Platte Ray		29	037 047 095 107 165 177
150	50	030	Kenosha, WI PMSA Wisconsin Kenosha	3800	55	059
151	44	014 050	Killeen-Temple, TX MSA Texas Bell Coryell	3810	48	027 099

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
152	43		Knoxville, TN MSA	3840		
			Tennessee		47	
		001	Anderson			001
		005	Blount			009
		029	Grainger			057
		045	Jefferson			089
		047	Knox			093
		078	Sevier			155
		087	Union			173
153	15		Kokomo, IN MSA	3850		
			Indiana		18	
		034	Howard			067
		080	Tipton			159
154	50		La Crosse, WI MSA	3870		
			Wisconsin		55	
		032	La Crosse			063
155	19		Lafayette, LA MSA	3880		
			Louisiana		22	
		028	Lafayette			055
		050	St. Martin			099
156	15		Lafayette-West Lafayette, IN MSA	3920		
			Indiana		18	
		079	Tippecanoe			157
157	19		Lake Charles, LA MSA	3960		
			Louisiana		22	
		010	Calcasieu			019
158	14		Lake County, IL PMSA	3965		
			Illinois		17	
		049	Lake			097
159	10		Lakeland-Winter Haven, FL MSA	3980		
			Florida		12	
		053	Polk			105
160	39		Lancaster, PA MSA	4000		
			Pennsylvania		42	
		036	Lancaster			071
161	23		Lansing-East Lansing, MI MSA	4040		
			Michigan		26	
		019	Clinton			037
		023	Eaton			045
		033	Ingham			065
162	44		Laredo, TX MSA	4080		
			Texas		48	
		240	Webb			479
163	32		Las Cruces, NM MSA	4100		
			New Mexico		35	
		008	Dona Ana			013
164	29		Las Vegas, NV MSA	4120		
			Nevada		32	
		003	Clark			003
165	17		Lawrence, KS MSA	4150		
			Kansas		20	
		023	Douglas			045
166	37		Lawton, OK MSA	4200		
			Oklahoma		40	
		016	Comanche			031
167	20		Lewiston-Auburn, ME NECMA	4243		
			Maine		23	
		001	Androscoggin			001

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
168	18		Lexington-Fayette, KY MSA	4280		
			Kentucky		21	
		009	Bourbon			017
		025	Clark			049
		034	Fayette, coext. with Lexington-Fayette			067
		057	Jessamine			113
		105	Scott			209
		120	Woodford			239
169	36		Lima, OH MSA	4320		
			Ohio		39	
		002	Allen			003
		006	Auglaize			011
170	28		Lincoln, NE MSA	4360		
			Nebraska		31	
		055	Lancaster			109
171	04		Little Rock-North Little Rock, AR MSA	4400		
			Arkansas		05	
		023	Faulkner			045
		043	Lonoke			085
		060	Pulaski			119
		063	Saline			125
172	44		Longview-Marshall, TX MSA	4420		
			Texas		48	
		092	Gregg			183
		102	Harrison			203
173	36		Lorain-Elyria, OH PMSA	4440		
			Ohio		39	
		047	Lorain			093
174	05		Los Angeles-Long Beach, CA PMSA	4480		
			California		06	
		019	Los Angeles			037
175	15		Louisville, KY-IN MSA	4520		
			Indiana		18	
		010	Clark			019
		022	Floyd			043
		031	Harrison			061
	18		Kentucky		21	
		015	Bullitt			029
		056	Jefferson			111
		093	Oldham			185
		106	Shelby			211
176	44		Lubbock, TX MSA	4600		
			Texas		48	
		152	Lubbock			303
177	47		Lynchburg, VA MSA	4640		
			Virginia		51	
		006	Amherst			009
		020	Campbell			031
		076	Lynchburg city			680
178	11		Macon-Warner Robins, GA MSA	4680		
			Georgia		13	
		011	Bibb			021
		076	Houston			153
		084	Jones			169
		111	Peach			225
179	50		Madison, WI MSA	4720		
			wisconsin		55	
		013	Dane			025
180	30		Manchester-Nashua, NH NECMA	4763		
			New Hampshire		33	
		006	Hillsborough			011

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
181	36	070	Mansfield, OH MSA Ohio Richland	4800	39	139
182	44	108	McAllen-Edinburg-Mission, TX MSA Texas Hidalgo	4880	48	215
183	38	015	Medford, OR MSA Oregon Jackson	4890	41	029
184	10	005	Melbourne-Titusville-Palm Bay, FL MSA Florida Brevard	4900	12	009
185	04	018	Memphis, TN-AR-MS MSA Arkansas Crittenden	4920	05	035
	25	017	Mississippi De Soto		28	033
	43	079	Tennessee Shelby		47	157
		084	Tipton		167	
186	05	024	Merced, CA MSA California Merced	4940	06	047
187	10	013	Miami-Hialeah, FL PMSA Florida Dade	5000	12	025
188	31	010 012 018	Middlesex-Somerset-Hunterdon, NJ PMSA New Jersey Hunterdon Middlesex Somerset	5015	34	019 023 035
189	44	165	Midland, TX MSA Texas Midland	5040	48	329
190	50	041 046 067 068	Milwaukee, WI PMSA Wisconsin Milwaukee Ozaukee Washington Waukesha	5080	55	079 089 131 133
191	24	002 010 013 019 027 030 062 070 082 086	Minneapolis-St. Paul, MN-WI MSA Minnesota Anoka Carver Chisago Dakota Hennepin Isanti Ramsey Scott Washington Wright	5120	27	003 019 025 037 053 059 123 139 163 171
	50	056	Wisconsin St. Croix			55
192	01	002 049	Mobile, AL MSA Alabama Baldwin Mobile	5160	01	003 097
193	05	050	Modesto, CA MSA California Stanislaus	5170	06	099

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
194	31		Monmouth-Ocean, NJ PMSA	5190		
			New Jersey		34	
		013	Monmouth			025
		015	Ocean			029
195	19		Monroe, LA MSA	5200		
			Louisiana		22	
		037	Ouachita			073
196	01		Montgomery, AL MSA	5240		
			Alabama		01	
		001	Autauga			001
		026	Elmore			051
		051	Montgomery			101
197	15		Muncie, IN MSA	5280		
			Indiana		18	
		018	Delaware			035
198	23		Muskegon, MI MSA	5320		
			Michigan		26	
		061	Muskegon			121
199	10		Naples, FL MSA	5345		
			Florida		12	
		011	Collier			021
200	43		Nashville, TN MSA	5360		
			Tennessee		47	
		011	Cheatham			021
		019	Davidson			037
		022	Dickson			043
		074	Robertson			147
		075	Rutherford			149
		083	Sumner			165
		094	Williamson			187
		095	Wilson			189
201	33		Nassau-Suffolk, NY PMSA	5380		
			New York		36	
		028	Nassau			059
		048	Suffolk			103
202	22		New Bedford-Fall River-Attleboro, MA NECMA	5403		
			Massachusetts		25	
		003	Bristol			005
203	07		New Haven-Waterbury-Meriden, CT NECMA	5483		
			Connecticut		09	
		005	New Haven			009
204	07		New London-Norwich, CT NECMA	5523		
			Connecticut		09	
		006	New London			011
205	19		New Orleans, LA MSA	5560		
			Louisiana		22	
		026	Jefferson			051
		036	Orleans, coext. with New Orleans city			071
		044	St. Bernard			087
		045	St. Charles			089
		048	St. John the Baptist			095
		052	St. Tammany			103
206	33		New York, NY PMSA	5600		
			New York		36	
		029	New York city			005
		038	Putnam			079
		040	Rockland			087
		056	Westchester			119

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
207	31		Newark, NJ PMSA	5640		
			New Jersey		34	
		007	Essex			013
		014	Morris			027
		019	Sussex			037
		020	Union			039
208	33		Niagara Falls, NY PMSA	5700		
			New York		36	
		030	Niagara			063
209	47		Norfolk-Virginia Beach-Newport News, VA MSA	5720		
			Virginia		51	
		026	Chesapeake city			550
		052	Gloucester			073
		058	Hampton city			650
		066	James City			095
		087	Newport News city			700
		088	Norfolk city			710
		098	Poquoson city			735
		099	Portsmouth city			740
		123	Suffolk city			800
		127	Virginia Beach city			810
		132	Williamsburg city			830
		136	York			199
210	05		Oakland, CA PMSA	5775		
			California		06	
		001	Alameda			001
		007	Contra Costa			013
211	10		Ocala, FL MSA	5790		
			Florida		12	
		042	Marion			083
212	44		Odessa, TX MSA	5800		
			Texas		48	
		068	Ector			135
213	37		Oklahoma City, OK MSA	5880		
			Oklahoma		40	
		009	Canadian			017
		014	Cleveland			027
		042	Logan			083
		044	McClain			087
		055	Oklahoma			109
		063	Pottawatomie			125
214	48		Olympia, WA MSA	5910		
			Washington		53	
		034	Thurston			067
215	16		Omaha, NE-IA MSA	5920		
			Iowa		19	
		078	Pottawattamie			155
	28		Nebraska		31	
		028	Douglas			055
		077	Sarpy			153
		089	Washington			177
216	33		Orange County, NY PMSA	5950		
			New York		36	
		034	Orange			071
217	10		Orlando, FL MSA	5960		
			Florida		12	
		048	Orange			095
		049	Osceola			097
		059	Seminole			117
218	18		Owensboro, KY MSA	5990		
			Kentucky		21	
		030	Daviess			059

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
219	05	056	Oxnard-Ventura, CA PMSA California Ventura	6000	06	111
220	10	003	Panama City, FL MSA Florida Bay	6015	12	005
221	36	084	Parkersburg-Marietta, WV-OH MSA Ohio Washington	6020	39	167
	49	054	West Virginia Wood		54	107
222	25	030	Pascagoula, MS MSA Mississippi Jackson	6025	28	059
223	10	017 057	Pensacola, FL MSA Florida Escambia Santa Rosa	6080	12	033 113
224	14	072 090 102	Peoria, IL MSA Illinois Peoria Tazewell Woodford	6120	17	143 179 203
225	31	003 004 008 009 015 023 046 051	Philadelphia, PA-NJ PMSA 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
226	03	007	Phoenix, AZ MSA Arizona Maricopa	6200	04	013
227	04	035	Pine Bluff, AR MSA Arkansas Jefferson	6240	05	069
228	39	002 026 063 065	Pittsburgh, PA PMSA Pennsylvania Allegheny Fayette Washington Westmoreland	6280	42	003 051 125 129
229	22	002	Pittsfield, MA NECMA Massachusetts Berkshire	6323	25	003
230	20	003	Portland, ME NECMA Maine Cumberland	6403	23	005
231	38	003 026 034 036	Portland, OR PMSA Oregon Clackamas Multnomah Washington Yamhill	6440	41	005 051 067 071
232	30	008 009	Portsmouth-Dover-Rochester, NH NECMA New Hampshire Rockingham Strafford	6453	33	015 017

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
233	33	013	Poughkeepsie, NY MSA New York Dutchess	6460	36	027
234	40	001 002 004 005	Providence-Pawtucket-Woonsocket, RI NECMA Rhode Island Bristol Kent Providence Washington	6483	44	001 003 007 009
235	45	025	Provo-Orem, UT MSA Utah Utah	6520	49	049
236	06	051	Pueblo, CO MSA Colorado Pueblo	6560	08	101
237	50	052	Racine, WI PMSA Wisconsin Racine	6600	55	101
238	34	032 035 068 092	Raleigh-Durham, NC MSA North Carolina Durham Franklin Orange Wake	6640	37	063 069 135 183
239	42	051	Rapid City, SD MSA South Dakota Pennington	6660	46	103
240	39	006	Reading, PA MSA Pennsylvania Berks	6680	42	011
241	05	045	Redding, CA MSA California Shasta	6690	06	089
242	29	016	Reno, NV MSA Nevada Washoe	6720	32	031
243	48	003 011	Richland-Kennewick-Pasco, WA MSA Washington Benton Franklin	6740	53	005 021
244	47	023 027 030 037 053 059 061 064 086 096 100 102 108	Richmond-Petersburg, VA MSA Virginia Charles City Chesterfield Colonial Heights city Dinwiddie Goochland Hanover Henrico Hopewell city New Kent Petersburg city Powhatan Prince George Richmond city	6760	51	036 041 570 053 075 085 087 670 127 730 145 149 760
245	05	033 036	Riverside-San Bernardino, CA PMSA California Riverside San Bernardino	6780	06	065 071

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
246	47		Roanoke, VA MSA	6800		
			Virginia		51	
		014	Botetourt			023
		109	Roanoke			161
		110	Roanoke city			770
		114	Salem city			775
247	24		Rochester, MN MSA	6820		
			Minnesota		27	
		055	Olmsted			109
248	33		Rochester, NY MSA	6840		
			New York		36	
		024	Livingston			051
		026	Monroe			055
		033	Ontario			069
		035	Orleans			073
		055	Wayne			117
249	14		Rockford, IL MSA	6880		
			Illinois		17	
		004	Boone			007
		101	Winnebago			201
250	05		Sacramento, CA MSA	6920		
			California		06	
		009	El Dorado			017
		031	Placer			061
		034	Sacramento			067
		057	Yolo			113
251	23		Saginaw-Bay City-Midland, MI MSA	6960		
			Michigan		26	
		009	Bay			017
		056	Midland			111
		073	Saginaw			145
252	24		St. Cloud, MN MSA	6980		
			Minnesota		27	
		005	Benton			009
		071	Sherburne			141
		073	Stearns			145
253	26		St. Joseph, MO MSA	7000		
			Missouri		29	
		011	Buchanan			021
254	14		St. Louis, MO-IL MSA	7040		
			Illinois		17	
		014	Clinton			027
		042	Jersey			083
		060	Madison			119
		067	Monroe			133
		082	St. Clair			163
	26		Missouri		29	
		036	Franklin			071
		050	Jefferson			099
		092	St. Charles			183
		096	St. Louis			189
		097	St. Louis city			510
255	38		Salem, OR MSA	7080		
			Oregon		41	
		024	Marion			047
		027	Polk			053
256	05		Salinas-Seaside-Monterey, CA MSA	7120		
			California		06	
		027	Monterey			053
257	45		Salt Lake City-Ogden, UT MSA	7160		
			Utah		49	
		006	Davis			011
		018	Salt Lake			035
		029	Weber			057

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
258	44	226	San Angelo, TX MSA Texas Tom Green	7200	48	451
259	44	015 046 094	San Antonio, TX MSA Texas Bexar Comal Guadalupe	7240	48	029 091 187
260	05	037	San Diego, CA MSA California San Diego	7320	06	073
261	05	021 038 041	San Francisco, CA PMSA California Marin San Francisco, coext. with San Francisco city San Mateo	7360	06	041 075 081
262	05	043	San Jose, CA PMSA California Santa Clara	7400	06	085
263	05	042	Santa Barbara-Santa Maria-Lompoc, CA MSA California Santa Barbara	7480	06	083
264	05	044	Santa Cruz, CA PMSA California Santa Cruz	7485	06	087
265	32	016 027	Santa Fe, NM MSA New Mexico Los Alamos Santa Fe	7490	35	028 049
266	05	049	Santa Rosa-Petaluma, CA PMSA California Sonoma	7500	06	097
267	10	058	Sarasota, FL MSA Florida Sarasota	7510	12	115
268	11	025 051	Savannah, GA MSA Georgia Chatham Effingham	7520	13	051 103
269	39	019 035 040 045 066	Scranton--Wilkes-Barre, PA MSA Pennsylvania Columbia Lackawanna Luzerne Monroe Wyoming	7560	42	037 069 079 089 131
270	48	017 031	Seattle, WA PMSA Washington King Snohomish	7600	53	033 061
271	39	043	Sharon, PA MSA Pennsylvania Mercer	7610	42	085
272	50	060	Sheboygan, WI MSA Wisconsin Sheboygan	7620	55	117
273	44	091	Sherman-Denison, TX MSA Texas Grayson	7640	48	181

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
274	19	008 009	Shreveport, LA MSA Louisiana Bossier Caddo	7680	22	015 017
275	16 28	097 022	Sioux City, IA-NE MSA Iowa Woodbury Nebraska Dakota	7720	19 31	193 043
276	42	049	Sioux Falls, SD MSA South Dakota Minnehaha	7760	46	099
277	15	071	South Bend-Mishawaka, IN MSA Indiana St. Joseph	7800	18	141
278	48	032	Spokane, WA MSA Washington Spokane	7840	53	063
279	14	065 084	Springfield, IL MSA Illinois Menard Sangamon	7880	17	129 167
280	26	022 039	Springfield, MO MSA Missouri Christian Greene	7920	29	043 077
281	22	007 008	Springfield, MA NECMA Massachusetts Hampden Hampshire	8003	25	013 015
282	39	014	State College, PA MSA Pennsylvania Centre	8050	42	027
283	36 49	041 005 015	Steubenville-Weirton, OH-WV MSA Ohio Jefferson West Virginia Brooke Hancock	8080	39 54	081 009 029
284	05	039	Stockton, CA MSA California San Joaquin	8120	06	077
285	33	025 032 036	Syracuse, NY MSA New York Madison Onondaga Oswego	8160	36	053 067 075
286	48	027	Tacoma, WA PMSA Washington Pierce	8200	53	053
287	10	020 037	Tallahassee, FL MSA Florida Gadsden Leon	8240	12	039 073
288	10	027 029 051 052	Tampa-St. Petersburg-Clearwater, FL MSA Florida Hernando Hillsborough Pasco Pinellas	8280	12	053 057 101 103

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
289	15		Terre Haute, IN MSA	8320		
			Indiana		18	
		011	Clay			021
		084	Vigo			167
290	04		Texarkana, TX-Texarkana, AR MSA	8360		
			Arkansas		05	
		046	Miller			091
		44	Texas		48	
		019	Bowie			037
291	36		Toledo, OH MSA	8400		
			Ohio		39	
		026	Fulton			051
		048	Lucas			095
		087	Wood			173
292	17		Topeka, KS MSA	8440		
			Kansas		20	
		089	Shawnee			177
293	31		Trenton, NJ PMSA	8480		
			New Jersey		34	
		011	Mercer			021
294	03		Tucson, AZ MSA	8520		
			Arizona		04	
		010	Pima			019
295	37		Tulsa, OK MSA	8560		
			Oklahoma		40	
		019	Creek			037
		057	Osage			113
		066	Rogers			131
		072	Tulsa			143
		073	Wagoner			145
296	01		Tuscaloosa, AL MSA	8600		
			Alabama		01	
		063	Tuscaloosa			125
297	44		Tyler, TX MSA	8640		
			Texas		48	
		212	Smith			423
298	33		Utica-Rome, NY MSA	8680		
			New York		36	
		021	Herkimer			043
		031	Oneida			065
299	05		Vallejo-Fairfield-Napa, CA PMSA	8720		
			California		06	
		028	Napa			055
		048	Solano			095
300	48		Vancouver, WA PMSA	8725		
			Washington		53	
		006	Clark			011
301	44		Victoria, TX MSA	8750		
			Texas		48	
		235	Victoria			469
302	31		Vineland-Millville-Bridgeton, NJ PMSA	8760		
			New Jersey		34	
		006	Cumberland			011
303	05		Visalia-Tulare-Porterville, CA MSA	8780		
			California		06	
		054	Tulare			107
304	44		Waco, TX MSA	8800		
			Texas		48	
		155	McLennan			309

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
305			Washington, DC-MD-VA MSA	8840		
	09		Dist. of Columbia		11	
		001	District of Columbia			001
	21		Maryland		24	
		005	Calvert			009
		009	Charles			017
		011	Frederick			021
		016	Montgomery			031
		017	Prince George's			033
	47		Virginia		51	
		003	Alexandria city			510
		008	Arlington			013
		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
		121	Stafford			179
306			Waterloo-Cedar Falls, IA MSA	8920		
	16		Iowa		19	
		007	Black Hawk			013
		009	Bremer			017
307			Wausau, WI MSA	8940		
	50		Wisconsin		55	
		037	Marathon			073
308			West Palm Beach-Boca Raton-Delray Beach, FL MSA	8960		
	10		Florida		12	
		050	Palm Beach			099
309			Wheeling, WV-OH MSA	9000		
	36		Ohio		39	
		007	Belmont			013
	49		West Virginia		54	
		026	Marshall			051
		035	Ohio			069
310			Wichita, KS MSA	9040		
	17		Kansas		20	
		008	Butler			015
		040	Harvey			079
		087	Sedgwick			173
311			Wichita Falls, TX MSA	9080		
	44		Texas		48	
		243	Wichita			485
312			Williamsport, PA MSA	9140		
	39		Pennsylvania		42	
		041	Lycoming			081
313			Wilmington, DE-NJ-MD PMSA	9160		
	08		Delaware		10	
		002	New Castle			003
	21		Maryland		24	
		008	Cecil			015
	31		New Jersey		34	
		017	Salem			033
314			Wilmington, NC MSA	9200		
	34		North Carolina		37	
		065	New Hanover			129
315			Worcester-Fitchburg-Leominster, MA NECMA	9243		
	22		Massachusetts		25	
		014	Worcester			027
316			Yakima, WA MSA	9260		
	48		Washington		53	
		039	Yakima			077

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
317	39		York, PA MSA	9280		
		001	Pennsylvania		42	001
		067	Adams			133
			York			
318	36		Youngstown-Warren, OH MSA	9320		
		050	Ohio		39	099
		078	Mahoning			155
			Trumbull			
319	05		Yuba City, CA MSA	9340		
		051	California		06	101
		058	Sutter			115
			Yuba			
320	03		Yuma, AZ MSA	9360		
		014	Arizona		04	027
			Yuma			

FETAL DEATH DOCUMENTATION TABLE 1.
 FETAL DEATHS BY PERIOD OF GESTATION AND STATE OF OCCURRENCE: UNITED STATES AND EACH STATE,
 1991

(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 Presumed 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.....	63,265	31,110	28,257	3,898	30,185	12,319	15,938	1,928
Alabama.....	588	27	558	3	561	243	315	3
Alaska.....	68	2	65	1	66	30	35	1
Arizona.....	422	20	399	3	402	162	237	3
Arkansas.....	262	8	253	1	254	91	162	1
California.....	3,968	81	3,453	434	3,887	1,259	2,194	434
Colorado.....	407	9	397	1	398	183	214	1
Connecticut.....	364	3	176	185	361	82	94	185
Delaware.....	77	2	70	5	75	23	47	5
Dist of Columbia..	236	10	208	18	226	101	107	18
Florida.....	1,612	34	1,503	75	1,578	625	878	75
Georgia.....	10,826	8,723	1,379	724	1,388	808	571	9
Hawaii.....	1,758	1,519	157	82	158	82	75	1
Idaho.....	108	3	105	-	105	41	64	-
Illinois.....	1,385	28	1,328	29	1,357	520	808	29
Indiana.....	624	12	593	19	612	225	368	19
Iowa.....	237	7	228	2	230	83	145	2
Kansas.....	197	2	190	5	195	70	120	5
Kentucky.....	367	11	350	6	356	148	202	6
Louisiana.....	603	31	484	88	572	193	291	88
Maine.....	83	2	70	11	81	22	48	11
Maryland.....	654	21	327	306	633	165	162	306
Massachusetts.....	539	15	523	1	524	211	312	1
Michigan.....	777	23	752	2	754	344	408	2
Minnesota.....	420	11	328	81	409	127	201	81
Mississippi.....	483	17	464	2	466	233	231	2
Missouri.....	561	16	535	10	545	210	325	10
Montana.....	79	-	77	2	79	27	50	2
Nebraska.....	177	3	173	1	174	62	111	1
Nevada.....	158	8	148	2	150	69	79	2
New Hampshire.....	96	3	93	-	93	35	58	-

FETAL DEATH DOCUMENTATION TABLE 1.
 FETAL DEATHS BY PERIOD OF GESTATION AND STATE OF OCCURRENCE: UNITED STATES AND EACH STATE,
 1991

(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 Presumed 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.....	960	49	851	60	911	401	450	60
New Mexico.....	97	2	94	1	95	26	68	1
New York excluding New York City...	10,363	8,645	1,133	585	1,177	539	594	44
New York City.....	5,161	3,325	1,623	213	1,665	876	747	42
North Carolina....	883	28	840	15	855	402	438	15
North Dakota.....	73	-	72	1	73	20	52	1
Ohio.....	1,225	29	1,183	13	1,196	509	674	13
Oklahoma.....	371	7	196	168	364	82	114	168
Oregon.....	282	3	278	1	279	138	140	1
Pennsylvania.....	2,081	554	1,409	118	1,527	720	689	118
Rhode Island.....	1,084	972	82	30	83	38	44	1
South Carolina....	587	21	558	8	566	261	297	8
South Dakota.....	76	1	74	1	75	21	53	1
Tennessee.....	452	5	439	8	447	120	319	8
Texas.....	2,167	88	1,974	105	2,079	743	1,231	105
Utah.....	218	9	207	2	209	83	124	2
Vermont.....	49	2	43	4	47	19	24	4
Virginia.....	7,909	6,696	771	442	780	418	353	9
Washington.....	443	8	413	22	435	182	231	22
West Virginia.....	172	1	169	2	171	67	102	2
Wisconsin.....	426	12	414	-	414	166	248	-
Wyoming.....	50	2	48	-	48	14	34	-

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1991

(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.....	30,160	15,336	13,561	1,263
White.....	20,257	10,270	9,178	809
All Other.....	1,024	524	459	41
Black.....	8,879	4,542	3,924	413
ALABAMA.....	571	290	276	5
White.....	277	137	139	1
All Other.....	2	1	1	-
Black.....	292	152	136	4
Alaska.....	72	33	39	-
White.....	48	22	26	-
All Other.....	20	9	11	-
Black.....	4	2	2	-
ARIZONA.....	399	216	180	3
White.....	335	185	148	2
All Other.....	47	21	26	-
Black.....	17	10	6	1
ARKANSAS.....	266	142	120	4
White.....	155	86	66	3
All Other.....	1	1	-	-
Black.....	110	55	54	1
California.....	3,880	1,984	1,871	25
White.....	2,979	1,513	1,445	21
All Other.....	330	168	159	3
Black.....	571	303	267	1
Colorado.....	384	200	172	12
White.....	338	173	154	11
All Other.....	5	2	3	-
Black.....	41	25	15	1

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1991

(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.....	347	184	155	8
White.....	251	144	100	7
All Other.....	7	5	2	-
Black.....	89	35	53	1
Delaware.....	76	37	38	1
White.....	41	23	17	1
All Other.....	4	3	1	-
Black.....	31	11	20	-
Dist of Columbia.....	168	90	75	3
White.....	11	7	3	1
All Other.....	-	-	-	-
Black.....	157	83	72	2
Florida.....	1,579	849	720	10
White.....	913	493	414	6
All Other.....	20	13	7	-
Black.....	646	343	299	4
Georgia.....	1,367	629	503	235
White.....	583	243	229	111
All Other.....	12	5	7	-
Black.....	772	381	267	124
Hawaii.....	153	71	51	31
White.....	66	28	23	15
All Other.....	82	42	25	15
Black.....	5	1	3	1
Idaho.....	111	58	52	1
White.....	105	55	49	1
All Other.....	6	3	3	-
Black.....	-	-	-	-

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1991

(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.....	1,403	738	642	23
White.....	855	429	408	18
All Other.....	28	15	12	1
Black.....	520	294	222	4
Indiana.....	598	318	279	1
White.....	470	256	213	1
All Other.....	7	3	4	-
Black.....	121	59	62	-
Iowa.....	233	117	114	2
White.....	216	108	106	2
All Other.....	6	4	2	-
Black.....	11	5	6	-
Kansas.....	206	108	96	2
White.....	173	89	82	2
All Other.....	2	1	1	-
Black.....	31	18	13	-
Kentucky.....	366	183	177	6
White.....	303	152	147	4
All Other.....	2	1	1	-
Black.....	61	30	29	2
Louisiana.....	572	308	259	5
White.....	204	107	97	-
All Other.....	2	-	2	-
Black.....	366	201	160	5
Maine.....	82	43	37	2
White.....	82	43	37	2
All Other.....	-	-	-	-
Black.....	-	-	-	-

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1991

(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.....	679	335	319	25
White.....	327	165	149	13
All Other.....	10	6	3	1
Black.....	342	164	167	11
Massachusetts.....	520	272	242	6
White.....	410	217	187	6
All Other.....	17	10	7	-
Black.....	93	45	48	-
Michigan.....	761	380	360	21
White.....	534	264	261	9
All Other.....	14	8	6	-
Black.....	213	108	93	12
Minnesota.....	418	224	189	5
White.....	372	202	165	5
All Other.....	21	9	12	-
Black.....	25	13	12	-
Mississippi.....	464	239	209	16
White.....	131	73	54	4
All Other.....	2	-	2	-
Black.....	331	166	153	12
Missouri.....	515	277	233	5
White.....	364	198	164	2
All Other.....	2	1	1	-
Black.....	149	78	68	3
Montana.....	87	49	38	-
White.....	75	42	33	-
All Other.....	12	7	5	-
Black.....	-	-	-	-

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1991

(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.....	171	80	88	3
White.....	153	69	81	3
All Other.....	6	5	1	-
Black.....	12	6	6	-
Nevada.....	150	74	76	-
White.....	116	53	63	-
All Other.....	9	4	5	-
Black.....	25	17	8	-
New Hampshire.....	94	54	40	-
White.....	92	53	39	-
All Other.....	1	1	-	-
Black.....	1	-	1	-
New Jersey.....	966	480	433	53
White.....	593	303	252	38
All Other.....	26	12	11	3
Black.....	347	165	170	12
New Mexico.....	105	63	42	-
White.....	89	54	35	-
All Other.....	12	7	5	-
Black.....	4	2	2	-
New York.....	2,841	1,295	1,108	438
White.....	1,770	799	674	297
All Other.....	90	42	32	16
Black.....	981	454	402	125
North Carolina.....	862	487	370	5
White.....	456	263	190	3
All Other.....	20	11	9	-
Black.....	386	213	171	2

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1991

(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.....	54	27	27	-
White.....	46	21	25	-
All Other.....	7	5	2	-
Black.....	1	1	-	-
Ohio.....	1,193	619	562	12
White.....	870	447	414	9
All Other.....	14	6	8	-
Black.....	309	166	140	3
Oklahoma.....	372	208	161	3
White.....	287	166	119	2
All Other.....	18	12	6	-
Black.....	67	30	36	1
Oregon.....	262	146	111	5
White.....	242	133	104	5
All Other.....	8	6	2	-
Black.....	12	7	5	-
Pennsylvania.....	1,487	756	633	98
White.....	1,116	556	479	81
All Other.....	16	9	7	-
Black.....	355	191	147	17
Rhode Island.....	80	44	34	2
White.....	71	39	30	2
All Other.....	3	1	2	-
Black.....	6	4	2	-
South Carolina.....	587	314	249	24
White.....	267	132	125	10
All Other.....	4	1	3	-
Black.....	316	181	121	14

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1991

(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.....	74	41	33	-
White.....	56	33	23	-
All Other.....	17	7	10	-
Black.....	1	1	-	-
Tennessee.....	414	203	207	4
White.....	244	120	121	3
All Other.....	2	2	-	-
Black.....	168	81	86	1
Texas.....	2,058	1,057	996	5
White.....	1,567	809	754	4
All Other.....	48	25	23	-
Black.....	443	223	219	1
Utah.....	194	97	96	1
White.....	191	96	94	1
All Other.....	3	1	2	-
Black.....	-	-	-	-
Vermont.....	50	21	23	6
White.....	50	21	23	6
All Other.....	-	-	-	-
Black.....	-	-	-	-
Virginia.....	781	352	292	137
White.....	463	202	172	89
All Other.....	12	2	9	1
Black.....	306	148	111	47
Washington.....	440	232	207	1
White.....	367	194	172	1
All Other.....	33	17	16	-
Black.....	40	21	19	-

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1991

(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.....	171	89	77	5
White.....	157	82	70	5
All Other.....	-	-	-	-
Black.....	14	7	7	-
Wisconsin.....	422	199	219	4
White.....	322	147	173	2
All Other.....	14	10	3	1
Black.....	86	42	43	1
Wyoming.....	55	24	31	-
White.....	54	24	30	-
All Other.....	-	-	-	-
Black.....	1	-	1	-

FETAL DEATH DOCUMENTATION TABLE 3
 FETAL DEATHS BY BIRTH WEIGHT, RACE OF MOTHER, AND SEX: UNITED STATES, 1991

(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.....	30,160	3,263	3,735	6,218	2,838	2,488	2,334	2,428	1,964	1,146	394	132	89	3,131
MALE.....	15,336	1,625	1,967	3,300	1,467	1,268	1,231	1,212	951	630	228	84	63	1,310
FEMALE.....	13,561	1,364	1,668	2,773	1,336	1,202	1,091	1,210	1,008	510	165	47	25	1,162
SEX NOT STD.....	1,263	274	100	145	35	18	12	6	5	6	1	1	1	659
WHITE.....	20,257	2,186	2,268	3,945	1,859	1,663	1,570	1,748	1,524	939	308	100	67	2,080
MALE.....	10,270	1,083	1,159	2,106	967	870	860	844	702	524	174	58	46	877
FEMALE.....	9,178	931	1,052	1,751	868	782	703	900	819	411	133	41	20	767
SEX NOT STD.....	809	172	57	88	24	11	7	4	3	4	1	1	1	436
ALL OTHER.....	1,024	95	103	226	95	88	76	117	74	39	18	3	2	88
MALE.....	524	43	49	116	49	44	44	63	49	22	7	3	2	33
FEMALE.....	459	45	48	103	44	43	32	53	25	16	11	-	-	39
SEX NOT STD.....	41	7	6	7	2	1	-	1	-	1	-	-	-	16
BLACK.....	8,879	982	1,364	2,047	884	737	688	563	366	168	68	29	20	963
MALE.....	4,542	499	759	1,078	451	354	327	305	200	84	47	23	15	400
FEMALE.....	3,924	388	568	919	424	377	356	257	164	83	21	6	5	356
SEX NOT STD.....	413	95	37	50	9	6	5	1	2	1	-	-	-	207

FETAL DEATH DOCUMENTATION TABLE 4
 FETAL DEATHS BY AGE OF MOTHER, RACE OF MOTHER, AND SEX: UNITED STATES, 1991

(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.....	30,160	165	4,379	7,597	7,810	6,206	3,193	777	33
MALE.....	15,336	87	2,274	3,770	3,955	3,189	1,638	407	16
FEMALE.....	13,561	67	1,940	3,552	3,517	2,729	1,409	331	16
SEX NOT STD.....	1,263	11	165	275	338	288	146	39	1
WHITE.....	20,257	67	2,470	4,893	5,406	4,475	2,326	595	25
MALE.....	10,270	34	1,287	2,415	2,732	2,284	1,189	317	12
FEMALE.....	9,178	29	1,110	2,314	2,450	1,985	1,028	250	12
SEX NOT STD.....	809	4	73	164	224	206	109	28	1
ALL OTHER.....	1,024	2	103	225	262	230	162	37	3
MALE.....	524	2	54	112	137	111	90	17	1
FEMALE.....	459	-	46	106	116	102	68	19	2
SEX NOT STD.....	41	-	3	7	9	17	4	1	-
BLACK.....	8,879	96	1,806	2,479	2,142	1,501	705	145	5
MALE.....	4,542	51	933	1,243	1,086	794	359	73	3
FEMALE.....	3,924	38	784	1,132	951	642	313	62	2
SEX NOT STD.....	413	7	89	104	105	65	33	10	-

FETAL DEATH DOCUMENTATION TABLE 5
 FETAL DEATHS WITH SELECTED MEDICAL RISK FACTORS BY AGE AND RACE OF MOTHER: TOTAL OF 45 REPORTING STATES, AND
 THE DISTRICT OF COLUMBIA, 1991
 (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 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		
ALL RACES 2/											
ANEMIA.....	27,864	737	123	226	181	142	54	11	-	23,452	3,675
CARDIAC DISEASE.....	27,864	122	9	26	36	30	16	4	1	24,067	3,675
ACUTE OR CHRONIC LUNG DISEASE...	27,864	161	23	40	39	34	19	6	-	24,028	3,675
DIABETES.....	27,864	771	52	144	201	185	144	42	3	23,418	3,675
GENITAL HERPES.....	24,608	126	20	35	22	30	15	4	-	22,007	2,475
HYDRAMNIOS/OLIGOHYDRAMNIOS.....	26,666	920	111	241	241	190	104	32	1	22,296	3,450
HEMOGLOBINOPATHY.....	26,666	56	9	17	15	11	4	-	-	23,160	3,450
HYPERTENSION, CHRONIC.....	27,864	582	21	82	127	166	131	53	2	23,607	3,675
HYPERTENSION, PREGNANCY- ASSOCIATED.....	27,864	998	139	264	225	188	135	44	3	23,191	3,675
ECLAMPSIA.....	27,864	158	25	45	41	27	15	5	-	24,031	3,675
INCOMPETENT CERVIX.....	26,666	554	54	130	153	151	55	10	1	22,662	3,450
PREVIOUS INFANT 4000+ GRAMS.....	26,666	227	4	30	68	71	38	15	1	22,989	3,450
PREVIOUS PRETERM OR SMALL-FOR- GESTATIONAL-AGE INFANT.....	27,864	683	54	194	168	169	81	15	2	23,506	3,675
RENAL DISEASE.....	27,864	129	23	39	28	21	16	2	-	24,060	3,675
RH SENSITIZATION.....	27,658	170	16	36	52	43	17	5	1	23,857	3,631
UTERINE BLEEDING.....	25,806	1,067	144	282	290	216	113	22	-	22,039	2,700

FETAL DEATH DOCUMENTATION TABLE 5
 FETAL DEATHS WITH SELECTED MEDICAL RISK FACTORS BY AGE AND RACE OF MOTHER: TOTAL OF 45 REPORTING STATES, AND
 THE DISTRICT OF COLUMBIA, 1991
 (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.....	18,963	390	58	110	100	84	31	7	-	16,005	2,568
CARDIAC DISEASE.....	18,963	84	3	16	26	21	15	2	1	16,311	2,568
ACUTE OR CHRONIC LUNG DISEASE...	18,963	114	13	23	29	25	18	6	-	16,281	2,568
DIABETES.....	18,963	516	24	99	136	135	91	28	3	15,879	2,568
GENITAL HERPES.....	16,458	88	8	24	17	24	11	4	-	14,672	1,698
HYDRAMNIOS/OLIGOHYDRAMNIOS.....	18,025	729	83	173	191	164	89	28	1	14,902	2,394
HEMOGLOBINOPATHY.....	18,025	25	1	8	7	7	2	-	-	15,606	2,394
HYPERTENSION, CHRONIC.....	18,963	331	8	46	69	99	76	31	2	16,064	2,568
HYPERTENSION, PREGNANCY- ASSOCIATED.....	18,963	665	67	183	148	139	91	34	3	15,730	2,568
ECLAMPSIA.....	18,963	92	12	27	26	14	8	5	-	16,303	2,568
INCOMPETENT CERVIX.....	18,025	335	23	74	100	94	35	8	1	15,296	2,394
PREVIOUS INFANT 4000+ GRAMS.....	18,025	180	3	22	50	61	28	15	1	15,451	2,394
PREVIOUS PRETERM OR SMALL-FOR- GESTATIONAL-AGE INFANT.....	18,963	417	23	106	101	110	62	13	2	15,978	2,568
RENAL DISEASE.....	18,963	94	13	30	27	14	9	1	-	16,301	2,568
RH SENSITIZATION.....	18,790	128	8	25	44	32	13	5	1	16,136	2,526
UTERINE BLEEDING.....	17,396	748	86	185	208	166	87	16	-	14,776	1,872

FETAL DEATH DOCUMENTATION TABLE 5
 FETAL DEATHS WITH SELECTED MEDICAL RISK FACTORS BY AGE AND RACE OF MOTHER: TOTAL OF 45 REPORTING STATES, AND
 THE DISTRICT OF COLUMBIA, 1991
 (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.....	8,006	334	64	114	77	55	20	4	-	6,687	985
CARDIAC DISEASE.....	8,006	36	6	8	10	9	1	2	-	6,985	985
ACUTE OR CHRONIC LUNG DISEASE...	8,006	44	9	16	10	8	1	-	-	6,977	985
DIABETES.....	8,006	219	26	39	60	43	37	14	-	6,802	985
GENITAL HERPES.....	7,325	36	12	10	5	6	3	-	-	6,603	686
HYDRAMNIOS/OLIGOHYDRAMNIOS.....	7,768	167	27	57	47	23	10	3	-	6,665	936
HEMOGLOBINOPATHY.....	7,768	25	7	7	7	3	1	-	-	6,807	936
HYPERTENSION, CHRONIC.....	8,006	237	12	34	56	64	50	21	-	6,784	985
HYPERTENSION, PREGNANCY- ASSOCIATED.....	8,006	304	69	76	67	45	39	8	-	6,717	985
ECLAMPSIA.....	8,006	64	13	17	15	13	6	-	-	6,957	985
INCOMPETENT CERVIX.....	7,768	206	31	54	48	53	18	2	-	6,626	936
PREVIOUS INFANT 4000+ GRAMS.....	7,768	38	1	6	14	9	8	-	-	6,794	936
PREVIOUS PRETERM OR SMALL-FOR- GESTATIONAL-AGE INFANT.....	8,006	242	29	81	60	54	17	1	-	6,779	985
RENAL DISEASE.....	8,006	32	9	8	1	7	6	1	-	6,989	985
RH SENSITIZATION.....	7,975	38	8	9	7	11	3	-	-	6,954	983
UTERINE BLEEDING.....	7,563	289	56	94	69	42	24	4	-	6,539	735

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 41 REPORTING STATES, AND
 THE DISTRICT OF COLUMBIA, 1991
 (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	20,471	114	3,205	1,283	1,922	5,382	5,267	4,034	1,992	477
SMOKER.....	3,861	3	533	172	361	1,150	1,018	758	320	79
1-5 CIGARETTES.....	667	-	116	40	76	206	171	111	52	11
6-10 CIGARETTES.....	1,243	1	169	51	118	400	337	221	97	18
11-15 CIGARETTES.....	140	-	23	9	14	33	41	25	16	2
16-20 CIGARETTES.....	943	1	121	37	84	265	240	212	81	23
21-30 CIGARETTES.....	130	-	18	4	14	34	34	29	9	6
31-40 CIGARETTES.....	68	-	8	1	7	16	21	8	12	3
41 CIGARETTES OR MORE.....	12	-	-	-	-	2	1	7	1	1
NOT STATED.....	658	1	78	30	48	194	173	145	52	15
NON-SMOKER.....	12,941	86	2,046	836	1,210	3,268	3,359	2,549	1,315	318
NOT STATED.....	3,669	25	626	275	351	964	890	727	357	80

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 41 REPORTING STATES, AND
 THE DISTRICT OF COLUMBIA, 1991
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE;
 SEE TECHNICAL APPENDIX.)-Continued

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.....	13,688	45	1,756	647	1,109	3,429	3,687	2,933	1,470	368
SMOKER.....	2,783	3	429	141	288	886	708	482	213	62
1-5 CIGARETTES.....	378	-	76	23	53	129	95	44	26	8
6-10 CIGARETTES.....	887	1	131	43	88	310	242	131	57	15
11-15 CIGARETTES.....	118	-	23	9	14	27	32	24	10	2
16-20 CIGARETTES.....	768	1	111	34	77	234	184	161	61	16
21-30 CIGARETTES.....	116	-	17	4	13	30	29	26	9	5
31-40 CIGARETTES.....	53	-	7	-	7	14	13	6	10	3
41 CIGARETTES OR MORE.....	11	-	-	-	-	2	-	7	1	1
NOT STATED.....	452	1	64	28	36	140	113	83	39	12
NON-SMOKER.....	8,503	30	958	355	603	1,947	2,393	1,939	995	241
NOT STATED.....	2,402	12	369	151	218	596	586	512	262	65

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 41 REPORTING STATES, AND
 THE DISTRICT OF COLUMBIA, 1991
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE:
 SEE TECHNICAL APPENDIX.)-Continued

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					
BLACK										
TOTAL.....	6,332	69	1,401	620	781	1,836	1,470	1,008	453	95
SMOKER.....	1,030	-	96	30	66	248	301	267	102	16
1-5 CIGARETTES.....	276	-	38	16	22	73	71	66	25	3
6-10 CIGARETTES.....	341	-	35	8	27	86	93	87	37	3
11-15 CIGARETTES.....	21	-	-	-	-	6	8	1	6	-
16-20 CIGARETTES.....	171	-	9	3	6	30	56	50	19	7
21-30 CIGARETTES.....	13	-	1	-	1	3	5	3	-	1
31-40 CIGARETTES.....	15	-	1	1	-	2	8	2	2	-
41 CIGARETTES OR MORE.....	1	-	-	-	-	-	1	-	-	-
NOT STATED.....	192	-	12	2	10	48	59	58	13	2
NON-SMOKER.....	4,123	56	1,058	469	589	1,243	880	548	270	68
NOT STATED.....	1,179	13	247	121	126	345	289	193	81	11

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 42 REPORTING STATES, AND THE DISTRICT OF COLUMBIA, 1991

(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 ^{1/}	21,069	115	3,310	1,325	1,985	5,559	5,415	4,139	2,044	487
DRINKER.....	792	1	61	17	44	205	218	194	93	20
1 DRINK OR LESS.....	118	-	15	3	12	27	35	26	15	-
2 DRINKS.....	76	-	4	1	3	19	23	18	9	3
3-4 DRINKS.....	59	-	4	3	1	16	14	19	4	2
5 DRINKS OR MORE.....	96	-	5	2	3	20	32	23	13	3
NOT STATED.....	443	1	33	8	25	123	114	108	52	12
NON-DRINKER.....	16,158	89	2,548	1,007	1,541	4,262	4,194	3,124	1,565	376
NOT STATED.....	4,119	25	701	301	400	1,092	1,003	821	386	91
WHITE.....	14,158	45	1,826	674	1,152	3,568	3,806	3,023	1,514	376
DRINKER.....	368	1	39	10	29	99	90	84	41	14
1 DRINK OR LESS.....	66	-	10	2	8	12	24	13	7	-
2 DRINKS.....	31	-	2	-	2	8	10	7	2	2
3-4 DRINKS.....	19	-	1	1	-	7	3	5	2	1
5 DRINKS OR MORE.....	27	-	3	2	1	6	6	9	1	2
NOT STATED.....	225	1	23	5	18	66	47	50	29	9
NON-DRINKER.....	11,068	32	1,365	497	868	2,778	3,052	2,360	1,193	288
NOT STATED.....	2,722	12	422	167	255	691	664	579	280	74
BLACK.....	6,453	70	1,436	635	801	1,873	1,495	1,022	460	97
DRINKER.....	401	-	21	7	14	103	120	107	46	4
1 DRINK OR LESS.....	48	-	5	1	4	14	10	13	6	-
2 DRINKS.....	43	-	2	1	1	11	12	11	6	1
3-4 DRINKS.....	38	-	3	2	1	9	11	13	2	-
5 DRINKS OR MORE.....	64	-	2	-	2	13	24	13	11	1
NOT STATED.....	208	-	9	3	6	56	63	57	21	2
NON-DRINKER.....	4,750	57	1,146	497	649	1,393	1,054	696	323	81
NOT STATED.....	1,302	13	269	131	138	377	321	219	91	12

^{1/} INCLUDES RACES OTHER THAN WHITE AND BLACK.

FETAL DEATH DOCUMENTATION TABLE B
 FETAL DEATHS BY WEIGHT GAIN DURING PREGNANCY, BY AGE AND RACE OF MOTHER: TOTAL OF 43 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1991
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.)

AGE AND RACE OF MOTHER	TOTAL	WEIGHT GAIN DURING PREGNANCY							NOT STATED
		LESS THAN 10 POUNDS	10-14 POUNDS	15-19 POUNDS	20-24 POUNDS	25-29 POUNDS	30-34 POUNDS	35 POUNDS OR MORE	
ALL RACES ^{1/}	23,637	2,569	2,443	1,862	2,131	1,352	1,309	1,947	10,024
UNDER 20 YEARS.....	3,677	505	399	263	270	169	164	265	1,642
20-24 YEARS.....	6,075	696	633	454	540	360	338	503	2,551
25-29 YEARS.....	6,125	613	631	520	590	365	370	528	2,508
30-34 YEARS.....	4,739	465	476	397	441	290	285	398	1,987
35-39 YEARS.....	2,434	232	250	180	241	132	131	196	1,072
40-49 YEARS.....	587	58	54	48	49	36	21	57	264
WHITE.....	15,733	1,655	1,622	1,316	1,480	1,032	998	1,473	6,157
UNDER 20 YEARS.....	2,007	255	207	141	157	103	103	179	862
20-24 YEARS.....	3,879	432	384	315	343	274	267	382	1,482
25-29 YEARS.....	4,240	424	453	391	426	274	291	399	1,582
30-34 YEARS.....	3,406	331	350	289	339	242	221	315	1,319
35-39 YEARS.....	1,755	170	188	138	178	107	98	153	723
40-49 YEARS.....	446	43	40	42	37	32	18	45	189
BLACK.....	7,346	859	769	501	608	295	286	437	3,591
UNDER 20 YEARS.....	1,613	242	184	119	109	63	59	85	752
20-24 YEARS.....	2,063	251	232	131	188	81	68	113	999
25-29 YEARS.....	1,742	179	167	110	149	82	70	117	868
30-34 YEARS.....	1,218	120	119	99	95	42	59	73	611
35-39 YEARS.....	586	52	54	37	57	23	27	39	297
40-49 YEARS.....	124	15	13	5	10	4	3	10	64

^{1/} 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 45 REPORTING STATES, AND
 THE DISTRICT OF COLUMBIA, 1991

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 1/	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 2/										
AMNIOCENTESIS.....	27,864	1,702	113	255	344	381	477	132	23,063	3,099
ELECTRONIC FETAL MONITORING.....	27,864	6,682	1,009	1,797	1,755	1,346	614	161	18,083	3,099
INDUCTION OF LABOR.....	27,864	6,786	904	1,671	1,836	1,451	726	198	17,979	3,099
STIMULATION OF LABOR.....	27,864	2,061	284	537	547	413	233	47	22,704	3,099
TOCOLYSIS.....	27,864	798	104	184	220	195	83	12	23,967	3,099
ULTRASOUND.....	26,461	13,637	1,917	3,458	3,621	2,803	1,476	362	9,894	2,930
WHITE										
AMNIOCENTESIS.....	18,963	1,410	79	197	283	329	406	116	15,442	2,111
ELECTRONIC FETAL MONITORING.....	18,963	4,420	537	1,154	1,230	938	446	115	12,432	2,111
INDUCTION OF LABOR.....	18,963	5,009	551	1,215	1,405	1,109	568	161	11,843	2,111
STIMULATION OF LABOR.....	18,963	1,432	161	373	391	302	168	37	15,420	2,111
TOCOLYSIS.....	18,963	591	61	137	170	152	63	8	16,261	2,111
ULTRASOUND.....	18,108	9,613	1,120	2,343	2,647	2,105	1,110	288	6,448	2,047
BLACK										
AMNIOCENTESIS.....	8,006	245	32	51	51	46	52	13	6,869	892
ELECTRONIC FETAL MONITORING.....	8,006	2,083	456	598	478	369	142	40	5,031	892
INDUCTION OF LABOR.....	8,006	1,571	327	417	375	288	133	31	5,543	892
STIMULATION OF LABOR.....	8,006	558	116	150	139	96	50	7	6,556	892
TOCOLYSIS.....	8,006	181	40	42	41	40	14	4	6,933	892
ULTRASOUND.....	7,486	3,636	760	1,022	872	615	301	66	3,058	792

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 45 REPORTING STATES,
 AND THE DISTRICT OF COLUMBIA, 1991
 [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 <u>2/</u>											
FEBRILE.....	27,864	1,092	137	274	308	232	117	23	1	22,716	4,056
MECONIUM, MODERATE/HEAVY.....	27,864	1,384	176	385	356	280	153	31	3	22,424	4,056
PREMATURE RUPTURE OF MEMBRANE.....	27,864	2,056	281	457	565	487	217	46	3	21,752	4,056
ABRUPTIO PLACENTA.....	27,864	2,263	373	664	598	385	204	39	-	21,545	4,056
PLACENTA PREVIA.....	27,864	264	31	56	77	67	28	5	-	23,544	4,056
OTHER EXCESSIVE BLEEDING.....	27,864	376	56	105	104	62	43	6	-	23,432	4,056
SEIZURES DURING LABOR.....	27,864	39	6	9	12	9	1	2	-	23,769	4,056
PRECIPITOUS LABOR.....	27,864	334	55	88	90	63	30	6	2	23,474	4,056
PROLONGED LABOR.....	27,864	157	17	33	40	43	17	5	2	23,651	4,056
DYSFUNCTIONAL LABOR.....	27,864	191	27	44	48	35	28	9	-	23,617	4,056
BREECH/MALPRESENTATION.....	27,658	2,897	494	757	726	549	297	71	3	20,742	4,019
CEPHALOPELVIC DISPROPORTION.....	24,608	147	20	38	21	42	20	6	-	21,562	2,899
CORD PROLAPSE.....	27,864	586	95	147	132	131	69	11	1	23,222	4,056
ANESTHETIC COMPLICATIONS.....	25,806	21	3	5	5	2	5	1	-	22,636	3,149
FETAL DISTRESS.....	25,806	647	110	166	176	113	68	14	-	22,010	3,149

FETAL DEATH DOCUMENTATION TABLE 10
 FETAL DEATHS WITH SELECTED COMPLICATIONS OF LABOR AND/OR DELIVERY BY AGE AND RACE OF MOTHER: TOTAL OF 45 REPORTING STATES,
 AND THE DISTRICT OF COLUMBIA, 1991
 [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.....	18,963	668	62	176	176	151	85	17	1	15,456	2,839
MECONIUM, MODERATE/HEAVY.....	18,963	992	111	265	268	215	112	19	2	15,132	2,839
PREMATURE RUPTURE OF MEMBRANE.....	18,963	1,226	159	250	332	319	135	30	1	14,898	2,839
ABRUPTIO PLACENTA.....	18,963	1,476	197	426	416	257	149	31	-	14,648	2,839
PLACENTA PREVIA.....	18,963	171	20	33	49	44	20	5	-	15,953	2,839
OTHER EXCESSIVE BLEEDING.....	18,963	251	31	65	77	46	27	5	-	15,873	2,839
SEIZURES DURING LABOR.....	18,963	27	2	8	8	6	1	2	-	16,097	2,839
PRECIPITOUS LABOR.....	18,963	219	29	53	65	42	24	4	2	15,905	2,839
PROLONGED LABOR.....	18,963	128	11	28	36	33	14	5	1	15,996	2,839
DYSFUNCTIONAL LABOR.....	18,963	152	19	32	42	30	21	8	-	15,972	2,839
BREECH/MALPRESENTATION.....	18,790	1,928	305	482	472	395	223	49	2	14,056	2,806
CEPHALOPELVIC DISPROPORTION...	16,458	112	14	31	13	33	16	5	-	14,359	1,987
CORD PROLAPSE.....	18,963	395	57	92	84	99	55	8	-	15,729	2,839
ANESTHETIC COMPLICATIONS.....	17,396	17	2	4	3	2	5	1	-	15,195	2,184
FETAL DISTRESS.....	17,396	457	58	121	127	86	54	11	-	14,755	2,184

FETAL DEATH DOCUMENTATION TABLE 10
 FETAL DEATHS WITH SELECTED COMPLICATIONS OF LABOR AND/OR DELIVERY BY AGE AND RACE OF MOTHER: TOTAL OF 45 REPORTING STATES,
 AND THE DISTRICT OF COLUMBIA, 1991
 [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.....	8,006	391	70	92	123	74	26	6	-	6,545	1,070
MECONIUM, MODERATE/HEAVY.....	8,006	324	62	100	72	54	27	8	1	6,612	1,070
PREMATURE RUPTURE OF MEMBRANE.....	8,006	780	120	200	212	161	71	14	2	6,156	1,070
ABRUPTIO PLACENTA.....	8,006	734	172	219	168	119	49	7	-	6,202	1,070
PLACENTA PREVIA.....	8,006	87	11	23	27	18	8	-	-	6,849	1,070
OTHER EXCESSIVE BLEEDING.....	8,006	108	25	34	22	16	11	-	-	6,828	1,070
SEIZURES DURING LABOR.....	8,006	9	4	1	2	2	-	-	-	6,927	1,070
PRECIPITOUS LABOR.....	8,006	96	24	30	24	16	2	-	-	6,840	1,070
PROLONGED LABOR.....	8,006	26	6	4	3	9	3	-	1	6,910	1,070
DYSFUNCTIONAL LABOR.....	8,006	36	8	10	6	5	6	1	-	6,900	1,070
BREECH/MALPRESENTATION.....	7,975	880	180	251	226	143	60	19	1	6,029	1,066
CEPHALOPELVIC DISPROPORTION....	7,325	28	6	6	8	6	2	-	-	6,506	791
CORD PROLAPSE.....	8,006	172	37	50	40	31	11	3	-	6,764	1,070
ANESTHETIC COMPLICATIONS.....	7,563	2	1	-	1	-	-	-	-	6,719	842
FETAL DISTRESS.....	7,563	170	51	40	43	22	12	2	-	6,551	842

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 45 REPORTING STATES, AND THE DISTRICT OF COLUMBIA, 1991
 (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											NOT STATED
		VAGINAL							CESAREAN			HYSTE- ROTOMY OR HYSTE- RECTOMY	
		TOTAL	VAGINAL BIRTH AFTER CESAREAN			OTHER VAGINAL			TOTAL	PRIMARY	REPEAT		
			ALL 1/	FORCEPS	VACUUM	ALL 1/	FORCEPS	VACUUM					
ALL RACES 2/	27,864	21,550	718	16	20	20,832	383	314	2,413	1,711	702	111	2,592
UNDER 15 YEARS.....	146	119	1	-	-	118	3	1	8	8	-	-	13
15-19 YEARS.....	4,036	3,249	34	1	3	3,215	49	43	245	219	26	23	402
20-24 YEARS.....	7,037	5,546	153	2	2	5,393	82	78	573	433	140	29	650
25-29 YEARS.....	7,230	5,576	208	3	9	5,368	101	87	640	429	211	17	667
30-34 YEARS.....	5,715	4,319	185	7	4	4,134	97	66	572	380	192	24	513
35-39 YEARS.....	2,951	2,183	118	2	2	2,065	36	30	304	192	112	16	273
40-44 YEARS.....	718	534	19	1	-	515	14	9	69	50	19	2	72
45-49 YEARS.....	31	24	-	-	-	24	1	-	2	-	2	-	2
WHITE	18,963	14,365	491	12	15	13,874	319	242	1,817	1,286	531	77	1,766
UNDER 15 YEARS.....	59	47	-	-	-	47	-	-	4	4	-	-	7
15-19 YEARS.....	2,319	1,816	19	1	2	1,797	36	26	156	142	14	15	257
20-24 YEARS.....	4,600	3,568	87	-	1	3,481	65	59	415	314	101	20	423
25-29 YEARS.....	5,069	3,839	142	3	6	3,697	94	67	512	342	170	11	446
30-34 YEARS.....	4,165	3,090	140	5	4	2,950	83	56	443	291	152	17	371
35-39 YEARS.....	2,171	1,574	89	2	2	1,485	30	26	229	155	74	14	205
40-44 YEARS.....	555	413	14	1	-	399	11	8	56	38	18	-	55
45-49 YEARS.....	25	18	-	-	-	18	-	-	2	-	2	-	2
BLACK	8,006	6,459	205	4	5	6,254	52	64	521	373	148	29	759
UNDER 15 YEARS.....	87	72	1	-	-	71	3	1	4	4	-	-	6
15-19 YEARS.....	1,632	1,359	14	-	1	1,345	12	15	87	76	11	8	139
20-24 YEARS.....	2,235	1,808	62	2	1	1,746	14	18	142	104	38	8	214
25-29 YEARS.....	1,930	1,543	59	-	3	1,484	5	18	112	75	37	3	208
30-34 YEARS.....	1,352	1,076	38	2	-	1,038	12	8	108	73	35	6	127
35-39 YEARS.....	636	499	27	-	-	472	2	3	58	32	26	2	54
40-44 YEARS.....	130	98	4	-	-	94	3	1	10	9	1	2	11
45-49 YEARS.....	4	4	-	-	-	4	1	-	-	-	-	-	-

1/ INCLUDES FETAL DEATHS THAT WERE NOT DELIVERED BY FORCEPS OR VACUUM EXTRACTION
 2/ 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 43 REPORTING STATES, AND
 THE DISTRICT OF COLUMBIA, 1991
 (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 <u>1/</u>	CONGENITAL ANOMALY REPORTED						CONGENI- TAL ANOMALY NOT REPORTED	NOT STATED
		Period of gestation							
		TOTAL <u>2/</u>	20-27 WEEKS	28-31 WEEKS	32-36 WEEKS	37-39 WEEKS	40 WEEKS OR MORE		
ALL RACES <u>2/</u>									
ANENCEPHALUS.....	24,918	350	138	60	70	34	29	20,538	4,030
SPINA BIFIDA/MENINGOCELE.....	24,918	149	89	21	18	7	10	20,739	4,030
HYDROCEPHALUS.....	24,918	240	130	21	48	16	18	20,648	4,030
MICROCEPHALUS.....	24,918	34	12	3	9	5	5	20,854	4,030
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES..	24,918	204	98	25	36	16	16	20,684	4,030
HEART MALFORMATIONS.....	24,918	254	103	44	55	29	14	20,634	4,030
OTHER CIRCULATORY/RESPIRATORY ANOMALIES.	24,918	198	80	27	51	22	14	20,690	4,030
RECTAL ATRESIA/STENOSIS.....	24,918	22	11	4	3	3	1	20,866	4,030
TRACHEO-ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA.....	24,918	32	6	9	8	3	4	20,856	4,030
OMPHALOCELE/GASTROSCHISIS.....	24,918	147	63	24	36	9	5	20,741	4,030
OTHER GASTROINTESTINAL ANOMALIES.....	24,918	104	43	18	23	11	4	20,784	4,030
MALFORMED GENITALIA.....	24,918	68	26	8	15	10	6	20,820	4,030
RENAL AGENESIS.....	24,918	96	50	13	17	7	6	20,792	4,030
OTHER UROGENITAL ANOMALIES.....	24,918	144	72	21	26	15	7	20,744	4,030
CLEFT LIP/PALATE.....	24,918	190	76	26	49	19	18	20,698	4,030
POLYDACTYLY/SYNDACTYLY/ADACTYLY.....	24,918	117	48	20	23	13	11	20,771	4,030
CLUB FOOT.....	24,918	113	50	13	27	11	9	20,775	4,030
DIAPHRAGMATIC HERNIA.....	24,918	28	7	5	6	8	1	20,860	4,030
OTHER MUSCULOSKELETAL/INTEGUMENTAL ANOMALIES.....	24,918	255	119	30	52	27	17	20,633	4,030
DOWN'S SYNDROME.....	24,918	126	64	12	20	20	5	20,762	4,030
OTHER CHROMOSOMAL ANOMALIES.....	24,918	328	152	40	55	43	27	20,560	4,030

FETAL DEATH DOCUMENTATION TABLE 12
 FETAL DEATHS WITH SELECTED CONGENITAL ANOMALIES BY PERIOD OF GESTATION AND RACE OF MOTHER: TOTAL OF 43 REPORTING STATES, AND
 THE DISTRICT OF COLUMBIA, 1991
 (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.....	17,104	288	116	48	52	31	25	14,087	2,729
SPINA BIFIDA/MENINGOCELE.....	17,104	127	79	20	14	4	6	14,248	2,729
HYDROCEPHALUS.....	17,104	203	107	20	41	15	13	14,172	2,729
MICROCEPHALUS.....	17,104	26	8	3	7	4	4	14,349	2,729
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES..	17,104	162	73	20	29	16	12	14,213	2,729
HEART MALFORMATIONS.....	17,104	206	78	38	46	23	13	14,169	2,729
OTHER CIRCULATORY/RESPIRATORY ANOMALIES..	17,104	160	64	21	42	18	12	14,215	2,729
RECTAL ATRESIA/STENOSIS.....	17,104	16	8	3	2	3	-	14,359	2,729
TRACHEO-ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA.....	17,104	26	5	8	7	2	4	14,349	2,729
OMPHALOCELE/GASTROSCHISIS.....	17,104	117	49	19	28	9	5	14,258	2,729
OTHER GASTROINTESTINAL ANOMALIES.....	17,104	79	33	11	18	9	4	14,296	2,729
MALFORMED GENITALIA.....	17,104	47	17	4	12	8	4	14,328	2,729
RENAL AGENESIS.....	17,104	82	44	10	14	6	6	14,293	2,729
OTHER UROGENITAL ANOMALIES.....	17,104	124	59	19	23	15	7	14,251	2,729
CLEFT LIP/PALATE.....	17,104	149	58	22	40	15	13	14,226	2,729
POLYDACTYLY/SYNDACTYLY/ADACTYLY.....	17,104	88	38	15	15	10	9	14,287	2,729
CLUB FOOT.....	17,104	92	41	11	21	11	7	14,283	2,729
DIAPHRAGMATIC HERNIA.....	17,104	26	6	5	6	8	1	14,349	2,729
OTHER MUSCULOSKELETAL/INTEGUMENTAL ANOMALIES.....	17,104	196	90	25	39	19	15	14,179	2,729
DOWN'S SYNDROME.....	17,104	111	57	12	20	15	4	14,264	2,729
OTHER CHROMOSOMAL ANOMALIES.....	17,104	275	129	36	46	33	21	14,100	2,729

FETAL DEATH DOCUMENTATION TABLE 12
 FETAL DEATHS WITH SELECTED CONGENITAL ANOMALIES BY PERIOD OF GESTATION AND RACE OF MOTHER: TOTAL OF 43 REPORTING STATES, AND
 THE DISTRICT OF COLUMBIA, 1991
 (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.....	7,021	46	17	10	13	2	2	5,790	1,185
SPINA BIFIDA/MENINGOCELE.....	7,021	16	8	-	2	3	3	5,820	1,185
HYDROCEPHALUS.....	7,021	31	20	1	4	1	5	5,805	1,185
MICROCEPHALUS.....	7,021	8	4	-	2	1	1	5,828	1,185
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES..	7,021	35	19	4	7	-	4	5,801	1,185
HEART MALFORMATIONS.....	7,021	40	22	5	6	6	-	5,796	1,185
OTHER CIRCULATORY/RESPIRATORY ANOMALIES.	7,021	32	13	5	8	3	2	5,804	1,185
RECTAL ATRESIA/STENOSIS.....	7,021	4	3	-	1	-	-	5,832	1,185
TRACHEO-ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA.....	7,021	4	-	1	1	-	-	5,832	1,185
OMPHALOCELE/GASTROSCHISIS.....	7,021	29	14	4	8	-	-	5,807	1,185
OTHER GASTROINTESTINAL ANOMALIES.....	7,021	21	9	7	3	1	-	5,815	1,185
MALFORMED GENITALIA.....	7,021	15	8	3	2	2	-	5,821	1,185
RENAL AGENESIS.....	7,021	13	5	3	3	1	-	5,823	1,185
OTHER UROGENITAL ANOMALIES.....	7,021	17	11	1	3	-	-	5,819	1,185
CLEFT LIP/PALATE.....	7,021	29	14	3	7	1	3	5,807	1,185
POLYDACTYLY/SYNDACTYLY/ADACTYLY.....	7,021	23	8	5	6	2	2	5,813	1,185
CLUB FOOT.....	7,021	17	8	2	5	-	1	5,819	1,185
DIAPHRAGMATIC HERNIA.....	7,021	2	1	-	-	-	-	5,834	1,185
OTHER MUSCULOSKELETAL/INTEGUMENTAL ANOMALIES.....	7,021	49	26	4	10	6	1	5,787	1,185
DOWN'S SYNDROME.....	7,021	9	4	-	-	4	-	5,827	1,185
OTHER CHROMOSOMAL ANOMALIES.....	7,021	44	19	3	8	8	5	5,792	1,185

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, 1991. (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	63,265			30,185		
GESTATION						
CLINICAL ESTIMATE		11,030	17.4		6,801	22.5
AS COMPUTED		13,608	21.5		5,436	18.0
COMBINED		3,898	6.2		1,928	6.4
PLACE OF DELIVERY		37	0.1		22	0.1
PRENATAL CARE						
MONTH BEGAN		21,366	33.8		4,369	14.5
NUMBER OF VISITS		22,557	35.7		5,111	16.9
FETUS						
SEX ¹		30,522	48.2		-	*
BIRTH WEIGHT		32,868	52.0		3,137	10.4
MOTHER						
MARITAL STATUS		25,697	40.6		11,964	39.6
EDUCATION		22,273	35.2		5,170	17.1
HISPANIC ORIGIN		12,538	19.8		3,939	13.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		4,617	7.3		1,628	5.4
BORN LIVE, NOW DEAD		4,762	7.5		1,693	5.6
OTHER TERMINATIONS		4,856	7.7		1,775	5.9
FATHER						
RACE		30,215	47.8		8,629	28.6
AGE		34,513	54.6		10,489	34.7
EDUCATION		36,019	56.9		11,393	37.7
HISPANIC ORIGIN		33,177	52.4		10,529	34.9
MEDICAL RISK FACTORS		20,071	31.7		5,900	19.5
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		37,555	59.4		13,236	43.8
ALCOHOL USE DURING PREGNANCY		37,703	59.6		13,112	43.4
WEIGHT GAIN DURING PREGNANCY		43,382	68.6		16,517	54.7
OBSTETRIC PROCEDURES		18,489	29.2		5,325	17.6
COMPLICATIONS OF LABOR AND/OR DELIVERY		21,704	34.3		6,286	20.8
CONGENITAL ANOMALIES OF FETUS		32,331	51.1		9,178	30.4
UNDERLYING CAUSE OF DEATH		63,265	100.0		30,185	100.0

¹ 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, 1991. (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	588			561		
GESTATION						
CLINICAL ESTIMATE		5	*		5	*
AS COMPUTED		72	12.2		72	12.8
COMBINED		3	*		3	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		20	3.4		20	3.6
NUMBER OF VISITS		31	5.3		31	5.5
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		36	6.1		35	6.2
MOTHER						
MARITAL STATUS		22	3.7		21	3.7
EDUCATION		19	*		19	*
HISPANIC ORIGIN		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		2	*		2	*
BORN LIVE, NOW DEAD		3	*		3	*
OTHER TERMINATIONS		2	*		2	*
FATHER						
RACE		269	45.7		254	45.3
AGE		277	47.1		262	46.7
EDUCATION		281	47.8		266	47.4
HISPANIC ORIGIN		270	45.9		255	45.5
MEDICAL RISK FACTORS		14	*		14	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		9	*		9	*
ALCOHOL USE DURING PREGNANCY		11	*		11	*
WEIGHT GAIN DURING PREGNANCY ..		157	26.7		148	26.4
OBSTETRIC PROCEDURES		11	*		11	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		16	*		15	*
CONGENITAL ANOMALIES OF FETUS		19	*		18	*
UNDERLYING CAUSE OF DEATH		588	100.0		561	100.0

¹ 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, 1991. (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	68			66		
GESTATION						
CLINICAL ESTIMATE		2	*		2	*
AS COMPUTED		9	*		9	*
COMBINED		1	*		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		3	*		3	*
NUMBER OF VISITS		1	*		1	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		6	*		6	*
MOTHER						
MARITAL STATUS		3	*		3	*
EDUCATION		12	*		12	*
HISPANIC ORIGIN		5	*		5	*
REGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		1	*		1	*
OTHER TERMINATIONS		1	*		1	*
FATHER						
RACE		11	*		9	*
AGE		22	32.4		20	30.3
EDUCATION		17	*		15	*
HISPANIC ORIGIN		11	*		9	*
MEDICAL RISK FACTORS		4	*		4	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		4	*		4	*
ALCOHOL USE DURING PREGNANCY		5	*		5	*
WEIGHT GAIN DURING PREGNANCY ..		18	*		18	*
OBSTETRIC PROCEDURES		4	*		3	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		4	*		4	*
CONGENITAL ANOMALIES OF FETUS		5	*		5	*
UNDERLYING CAUSE OF DEATH		68	100.0		66	100.0

¹ 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, 1991. (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	422			402		
GESTATION						
CLINICAL ESTIMATE		4	*		4	*
AS COMPUTED		63	14.9		60	14.9
COMBINED		3	*		3	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		41	9.7		40	10.0
NUMBER OF VISITS		44	10.4		42	10.4
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		29	6.9		26	6.5
MOTHER						
MARITAL STATUS		1	*		1	*
EDUCATION		32	7.6		31	7.7
HISPANIC ORIGIN		13	*		12	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		7	*		7	*
BORN LIVE, NOW DEAD		7	*		7	*
OTHER TERMINATIONS		8	*		8	*
FATHER						
RACE		101	23.9		96	23.9
AGE		149	35.3		142	35.3
EDUCATION		129	30.6		123	30.6
HISPANIC ORIGIN		107	25.4		102	25.4
MEDICAL RISK FACTORS		7	*		7	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		12	*		12	*
ALCOHOL USE DURING PREGNANCY		14	*		14	*
WEIGHT GAIN DURING PREGNANCY ..		131	31.0		125	31.1
OBSTETRIC PROCEDURES		9	*		9	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		7	*		7	*
CONGENITAL ANOMALIES OF FETUS		8	*		8	*
UNDERLYING CAUSE OF DEATH		422	100.0		402	100.0

¹ 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, 1991. (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	262			254		
GESTATION						
CLINICAL ESTIMATE		2	*		2	*
AS COMPUTED		42	16.0		40	15.7
COMBINED		1	*		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		33	12.6		30	11.8
NUMBER OF VISITS		43	16.4		41	16.1
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		11	*		7	*
MOTHER						
MARITAL STATUS		1	*		1	*
EDUCATION		18	*		18	*
HISPANIC ORIGIN		3	*		3	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		1	*		1	*
OTHER TERMINATIONS		1	*		1	*
FATHER						
RACE		102	38.9		98	38.6
AGE		111	42.4		107	42.1
EDUCATION		107	40.8		103	40.6
HISPANIC ORIGIN		101	38.5		97	38.2
MEDICAL RISK FACTORS		1	*		1	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		5	*		5	*
ALCOHOL USE DURING PREGNANCY		7	*		7	*
WEIGHT GAIN DURING PREGNANCY		77	29.4		73	28.7
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		1	*		1	*
CONGENITAL ANOMALIES OF FETUS		2	*		2	*
UNDERLYING CAUSE OF DEATH		262	100.0		254	100.0

¹ 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, 1991. (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	3,968			3,887		
GESTATION						
CLINICAL ESTIMATE		3,968	100.0		3,887	100.0
AS COMPUTED		401	10.1		401	10.3
COMBINED		434	10.9		434	11.2
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		302	7.6		300	7.7
NUMBER OF VISITS		367	9.2		364	9.4
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		68	1.7		66	1.7
MOTHER						
MARITAL STATUS		3,968	100.0		3,887	100.0
EDUCATION		398	10.0		386	9.9
HISPANIC ORIGIN		69	1.7		69	1.8
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		191	4.8		190	4.9
BORN LIVE, NOW DEAD		204	5.1		202	5.2
OTHER TERMINATIONS		238	6.0		237	6.1
FATHER						
RACE		281	7.1		273	7.0
AGE		624	15.7		612	15.7
EDUCATION		656	16.5		641	16.5
HISPANIC ORIGIN		259	6.5		251	6.5
MEDICAL RISK FACTORS		525	13.2		511	13.1
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		3,968	100.0		3,887	100.0
ALCOHOL USE DURING PREGNANCY		3,968	100.0		3,887	100.0
WEIGHT GAIN DURING PREGNANCY		3,968	100.0		3,887	100.0
OBSTETRIC PROCEDURES		457	11.5		443	11.4
COMPLICATIONS OF LABOR AND/OR DELIVERY		818	20.6		807	20.8
CONGENITAL ANOMALIES OF FETUS		439	11.1		432	11.1
UNDERLYING CAUSE OF DEATH		3,968	100.0		3,887	100.0

¹ 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, 1991. (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	407			398		
GESTATION						
CLINICAL ESTIMATE		1	*		1	*
AS COMPUTED		76	18.7		74	18.6
COMBINED		1	*		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		64	15.7		61	15.3
NUMBER OF VISITS		68	16.7		65	16.3
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		55	13.5		52	13.1
MOTHER						
MARITAL STATUS		9	*		9	*
EDUCATION		75	18.4		74	18.6
HISPANIC ORIGIN		22	5.4		22	5.5
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		20	4.9		18	*
BORN LIVE, NOW DEAD		19	*		17	*
OTHER TERMINATIONS		20	4.9		18	*
FATHER						
RACE		127	31.2		125	31.4
AGE		150	36.9		148	37.2
EDUCATION		160	39.3		158	39.7
HISPANIC ORIGIN		121	29.7		119	29.9
MEDICAL RISK FACTORS		44	10.8		43	10.8
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		93	22.9		89	22.4
ALCOHOL USE DURING PREGNANCY		103	25.3		99	24.9
WEIGHT GAIN DURING PREGNANCY		196	48.2		191	48.0
OBSTETRIC PROCEDURES		45	11.1		44	11.1
COMPLICATIONS OF LABOR AND/OR DELIVERY		45	11.1		44	11.1
CONGENITAL ANOMALIES OF FETUS		62	15.2		60	15.1
UNDERLYING CAUSE OF DEATH		407	100.0		398	100.0

¹ 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, 1991. (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	364			361		
GESTATION						
CLINICAL ESTIMATE		195	53.6		195	54.0
AS COMPUTED		245	67.3		244	67.6
COMBINED		185	50.8		185	51.2
PLACE OF DELIVERY		11	*		11	*
PRENATAL CARE						
MONTH BEGAN		209	57.4		207	57.3
NUMBER OF VISITS		212	58.2		210	58.2
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		47	12.9		46	12.7
MOTHER						
MARITAL STATUS		364	100.0		361	100.0
EDUCATION		266	73.1		265	73.4
HISPANIC ORIGIN		196	53.8		194	53.7
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		189	51.9		188	52.1
BORN LIVE, NOW DEAD		188	51.6		187	51.8
OTHER TERMINATIONS		188	51.6		187	51.8
FATHER						
RACE		118	32.4		118	32.7
AGE		125	34.3		125	34.6
EDUCATION		284	78.0		282	78.1
HISPANIC ORIGIN		228	62.6		226	62.6
MEDICAL RISK FACTORS		170	46.7		168	46.5
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		222	61.0		219	60.7
ALCOHOL USE DURING PREGNANCY		232	63.7		229	63.4
WEIGHT GAIN DURING PREGNANCY		364	100.0		361	100.0
OBSTETRIC PROCEDURES		181	49.7		178	49.3
COMPLICATIONS OF LABOR AND/OR DELIVERY		213	58.5		210	58.2
CONGENITAL ANOMALIES OF FETUS		214	58.8		212	58.7
UNDERLYING CAUSE OF DEATH		364	100.0		361	100.0

¹ 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, 1991. (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	77			75		
GESTATION						
CLINICAL ESTIMATE		9	*		9	*
AS COMPUTED		7	*		7	*
COMBINED		5	*		5	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		7	*		7	*
NUMBER OF VISITS		7	*		7	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		8	*		8	*
MOTHER						
MARITAL STATUS		4	*		4	*
EDUCATION		5	*		4	*
HISPANIC ORIGIN		2	*		2	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		4	*		4	*
BORN LIVE, NOW DEAD		5	*		5	*
OTHER TERMINATIONS		4	*		4	*
FATHER						
RACE		34	44.2		33	44.0
AGE		32	41.6		31	41.3
EDUCATION		35	45.5		34	45.3
HISPANIC ORIGIN		31	40.3		30	40.0
MEDICAL RISK FACTORS		5	*		5	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		8	*		8	*
ALCOHOL USE DURING PREGNANCY		8	*		8	*
WEIGHT GAIN DURING PREGNANCY ..		13	*		12	*
OBSTETRIC PROCEDURES		5	*		5	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		6	*		6	*
CONGENITAL ANOMALIES OF FETUS		7	*		6	*
UNDERLYING CAUSE OF DEATH		77	100.0		75	100.0

¹ * 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, 1991. (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	236			226		
GESTATION						
CLINICAL ESTIMATE		28	11.9		28	12.4
AS COMPUTED		67	28.4		65	28.8
COMBINED		18	*		18	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		58	24.6		55	24.3
NUMBER OF VISITS		49	20.8		46	20.4
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		31	13.1		29	12.8
MOTHER						
MARITAL STATUS		36	15.3		33	14.6
EDUCATION		68	28.8		65	28.8
HISPANIC ORIGIN		20	8.5		20	8.8
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		19	*		17	*
BORN LIVE, NOW DEAD		19	*		17	*
OTHER TERMINATIONS		19	*		17	*
FATHER						
RACE		114	48.3		110	48.7
AGE		149	63.1		142	62.8
EDUCATION		137	58.1		132	58.4
HISPANIC ORIGIN		118	50.0		114	50.4
MEDICAL RISK FACTORS		102	43.2		96	42.5
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		140	59.3		132	58.4
ALCOHOL USE DURING PREGNANCY		149	63.1		141	62.4
WEIGHT GAIN DURING PREGNANCY ..		193	81.8		183	81.0
OBSTETRIC PROCEDURES		105	44.5		99	43.8
COMPLICATIONS OF LABOR AND/OR DELIVERY		98	41.5		93	41.2
CONGENITAL ANOMALIES OF FETUS		137	58.1		130	57.5
UNDERLYING CAUSE OF DEATH		236	100.0		226	100.0

¹ 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, 1991. (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	1,612			1,578		
GESTATION						
CLINICAL ESTIMATE		132	8.2		129	8.2
AS COMPUTED		286	17.7		283	17.9
COMBINED		75	4.7		75	4.8
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		260	16.1		257	16.3
NUMBER OF VISITS		315	19.5		310	19.6
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		151	9.4		148	9.4
MOTHER						
MARITAL STATUS		59	3.7		58	3.7
EDUCATION		235	14.6		230	14.6
HISPANIC ORIGIN		35	2.2		34	2.2
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		185	11.5		181	11.5
BORN LIVE, NOW DEAD		189	11.7		185	11.7
OTHER TERMINATIONS		194	12.0		191	12.1
FATHER						
RACE		351	21.8		340	21.5
AGE		472	29.3		459	29.1
EDUCATION		498	30.9		484	30.7
HISPANIC ORIGIN		359	22.3		347	22.0
MEDICAL RISK FACTORS		87	5.4		85	5.4
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		154	9.6		149	9.4
ALCOHOL USE DURING PREGNANCY		177	11.0		173	11.0
WEIGHT GAIN DURING PREGNANCY ..		767	47.6		750	47.5
OBSTETRIC PROCEDURES		83	5.1		79	5.0
COMPLICATIONS OF LABOR AND/OR DELIVERY		99	6.1		97	6.1
CONGENITAL ANOMALIES OF FETUS		105	6.5		103	6.5
UNDERLYING CAUSE OF DEATH		1,612	100.0		1,578	100.0

¹ 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, 1991. (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	10,826			1,388		
GESTATION						
CLINICAL ESTIMATE		1,608	14.9		33	2.4
AS COMPUTED		2,897	26.8		234	16.9
COMBINED		724	6.7		9	*
PLACE OF DELIVERY		5	*		-	*
PRENATAL CARE						
MONTH BEGAN		3,863	35.7		246	17.7
NUMBER OF VISITS		3,916	36.2		254	18.3
FETUS						
SEX ¹		8,987	83.0		-	*
BIRTH WEIGHT		9,088	83.9		266	19.2
MOTHER						
MARITAL STATUS		96	0.9		16	*
EDUCATION		5,221	48.2		502	36.2
HISPANIC ORIGIN		2,270	21.0		167	12.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		781	7.2		28	2.0
BORN LIVE, NOW DEAD		856	7.9		30	2.2
OTHER TERMINATIONS		842	7.8		33	2.4
FATHER						
RACE		6,631	61.3		826	59.5
AGE		7,459	68.9		959	69.1
EDUCATION		7,972	73.6		985	71.0
HISPANIC ORIGIN		6,964	64.3		869	62.6
MEDICAL RISK FACTORS		871	8.0		124	8.9
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		2,431	22.5		188	13.5
ALCOHOL USE DURING PREGNANCY		2,674	24.7		212	15.3
WEIGHT GAIN DURING PREGNANCY		7,707	71.2		786	56.6
OBSTETRIC PROCEDURES		635	5.9		50	3.6
COMPLICATIONS OF LABOR AND/OR DELIVERY		748	6.9		47	3.4
CONGENITAL ANOMALIES OF FETUS		1,160	10.7		82	5.9
UNDERLYING CAUSE OF DEATH		10,826	100.0		1,388	100.0

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FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1991. (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	1,758			158		
GESTATION						
CLINICAL ESTIMATE		201	11.4		8	*
AS COMPUTED		449	25.5		18	*
COMBINED		82	4.7		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		839	47.7		44	27.8
NUMBER OF VISITS		834	47.4		44	27.8
FETUS						
SEX ¹		1,559	88.7		-	*
BIRTH WEIGHT		1,222	69.5		42	26.6
MOTHER						
MARITAL STATUS		6	*		1	*
EDUCATION		1,073	61.0		46	29.1
HISPANIC ORIGIN		350	19.9		23	14.6
REGNANCY HISTORY						
BORN LIVE, NOW LIVING		13	*		1	*
BORN LIVE, NOW DEAD		12	*		2	*
OTHER TERMINATIONS		17	*		2	*
FATHER						
RACE		1,172	66.7		59	37.3
AGE		1,174	66.8		55	34.8
EDUCATION		1,240	70.5		68	43.0
HISPANIC ORIGIN		1,113	63.3		62	39.2
MEDICAL RISK FACTORS		1,758	100.0		158	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		1,758	100.0		158	100.0
ALCOHOL USE DURING PREGNANCY		1,758	100.0		158	100.0
WEIGHT GAIN DURING PREGNANCY ..		1,758	100.0		158	100.0
OBSTETRIC PROCEDURES		1,758	100.0		158	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY		1,758	100.0		158	100.0
CONGENITAL ANOMALIES OF FETUS		1,758	100.0		158	100.0
UNDERLYING CAUSE OF DEATH		1,758	100.0		158	100.0

¹ 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, 1991. (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	108			105		
GESTATION						
CLINICAL ESTIMATE		-	*		-	*
AS COMPUTED		14	*		13	*
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		6	*		5	*
NUMBER OF VISITS		6	*		5	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		7	*		6	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		12	*		11	*
HISPANIC ORIGIN		1	*		1	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		-	*
BORN LIVE, NOW DEAD		1	*		-	*
OTHER TERMINATIONS		4	*		3	*
FATHER						
RACE		17	*		17	*
AGE		22	20.4		21	20.0
EDUCATION		24	22.2		23	21.9
HISPANIC ORIGIN		17	*		17	*
MEDICAL RISK FACTORS		1	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		5	*		4	*
ALCOHOL USE DURING PREGNANCY		6	*		5	*
WEIGHT GAIN DURING PREGNANCY		27	25.0		26	24.8
OBSTETRIC PROCEDURES		2	*		1	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		2	*		1	*
CONGENITAL ANOMALIES OF FETUS		2	*		-	*
UNDERLYING CAUSE OF DEATH		108	100.0		105	100.0

¹ 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, 1991. (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	1,385			1,357		
GESTATION						
CLINICAL ESTIMATE		58	4.2		57	4.2
AS COMPUTED		217	15.7		217	16.0
COMBINED		29	2.1		29	2.1
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		171	12.3		169	12.5
NUMBER OF VISITS		178	12.9		176	13.0
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		83	6.0		81	6.0
MOTHER						
MARITAL STATUS		80	5.8		78	5.7
EDUCATION		146	10.5		141	10.4
HISPANIC ORIGIN		51	3.7		49	3.6
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		89	6.4		87	6.4
BORN LIVE, NOW DEAD		90	6.5		88	6.5
OTHER TERMINATIONS		93	6.7		91	6.7
FATHER						
RACE		281	20.3		271	20.0
AGE		466	33.6		450	33.2
EDUCATION		455	32.9		439	32.4
HISPANIC ORIGIN		282	20.4		272	20.0
MEDICAL RISK FACTORS		182	13.1		178	13.1
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		246	17.8		242	17.8
ALCOHOL USE DURING PREGNANCY		285	20.6		279	20.6
WEIGHT GAIN DURING PREGNANCY ..		527	38.1		514	37.9
OBSTETRIC PROCEDURES		183	13.2		180	13.3
COMPLICATIONS OF LABOR AND/OR DELIVERY		200	14.4		196	14.4
CONGENITAL ANOMALIES OF FETUS		285	20.6		281	20.7
UNDERLYING CAUSE OF DEATH		1,385	100.0		1,357	100.0

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FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1991. (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	624			612		
GESTATION						
CLINICAL ESTIMATE		34	5.4		34	5.6
AS COMPUTED		118	18.9		118	19.3
COMBINED		19	*		19	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		73	11.7		73	11.9
NUMBER OF VISITS		103	16.5		103	16.8
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		87	13.9		86	14.1
MOTHER						
MARITAL STATUS		17	*		17	*
EDUCATION		59	9.5		58	9.5
HISPANIC ORIGIN		39	6.3		39	6.4
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		17	*		17	*
BORN LIVE, NOW DEAD		18	*		18	*
OTHER TERMINATIONS		19	*		19	*
FATHER						
RACE		72	11.5		71	11.6
AGE		104	16.7		102	16.7
EDUCATION		128	20.5		125	20.4
HISPANIC ORIGIN		95	15.2		94	15.4
MEDICAL RISK FACTORS		15	*		15	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		624	100.0		612	100.0
ALCOHOL USE DURING PREGNANCY		111	17.8		108	17.6
WEIGHT GAIN DURING PREGNANCY ..		151	24.2		150	24.5
OBSTETRIC PROCEDURES		31	5.0		31	5.1
COMPLICATIONS OF LABOR AND/OR DELIVERY		25	4.0		25	4.1
CONGENITAL ANOMALIES OF FETUS		38	6.1		38	6.2
UNDERLYING CAUSE OF DEATH		624	100.0		612	100.0

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FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1991. (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	237			230		
GESTATION						
CLINICAL ESTIMATE		3	*		3	*
AS COMPUTED		19	*		18	*
COMBINED		2	*		2	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		9	*		9	*
NUMBER OF VISITS		13	*		13	*
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		7	*		7	*
MOTHER						
MARITAL STATUS		2	*		2	*
EDUCATION		6	*		5	*
HISPANIC ORIGIN		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		1	*		1	*
OTHER TERMINATIONS		1	*		1	*
FATHER						
RACE		31	13.1		29	12.6
AGE		34	14.3		32	13.9
EDUCATION		39	16.5		37	16.1
HISPANIC ORIGIN		30	12.7		28	12.2
MEDICAL RISK FACTORS		3	*		3	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		7	*		7	*
ALCOHOL USE DURING PREGNANCY		9	*		9	*
WEIGHT GAIN DURING PREGNANCY		35	14.8		34	14.8
OBSTETRIC PROCEDURES		2	*		2	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		3	*		3	*
CONGENITAL ANOMALIES OF FETUS		4	*		4	*
UNDERLYING CAUSE OF DEATH		237	100.0		230	100.0

¹ 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, 1991. (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	197			195		
GESTATION						
CLINICAL ESTIMATE		8	*		8	*
AS COMPUTED		31	15.7		29	14.9
COMBINED		5	*		5	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		14	*		14	*
NUMBER OF VISITS		18	*		17	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		2	*		2	*
MOTHER						
MARITAL STATUS		1	*		1	*
EDUCATION		8	*		8	*
HISPANIC ORIGIN		5	*		5	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		2	*		2	*
BORN LIVE, NOW DEAD		2	*		2	*
OTHER TERMINATIONS		4	*		4	*
FATHER						
RACE		36	18.3		36	18.5
AGE		38	19.3		38	19.5
EDUCATION		43	21.8		43	22.1
HISPANIC ORIGIN		41	20.8		41	21.0
MEDICAL RISK FACTORS		49	24.9		49	25.1
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		148	75.1		146	74.9
ALCOHOL USE DURING PREGNANCY		165	83.8		163	83.6
WEIGHT GAIN DURING PREGNANCY		45	22.8		45	23.1
OBSTETRIC PROCEDURES		20	10.2		20	10.3
COMPLICATIONS OF LABOR AND/OR DELIVERY		43	21.8		43	22.1
CONGENITAL ANOMALIES OF FETUS		26	13.2		26	13.3
UNDERLYING CAUSE OF DEATH		197	100.0		195	100.0

¹ 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, 1991. (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	367			356		
GESTATION						
CLINICAL ESTIMATE		9	*		9	*
AS COMPUTED		36	9.8		35	9.8
COMBINED		6	*		6	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		21	5.7		21	5.9
NUMBER OF VISITS		23	6.3		23	6.5
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		12	*		10	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		13	*		13	*
HISPANIC ORIGIN		1	*		1	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		3	*		3	*
BORN LIVE, NOW DEAD		3	*		3	*
OTHER TERMINATIONS		19	*		19	*
FATHER						
RACE		134	36.5		129	36.2
AGE		140	38.1		135	37.9
EDUCATION		146	39.8		141	39.6
HISPANIC ORIGIN		134	36.5		129	36.2
MEDICAL RISK FACTORS		85	23.2		83	23.3
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		79	21.5		77	21.6
ALCOHOL USE DURING PREGNANCY		83	22.6		81	22.8
WEIGHT GAIN DURING PREGNANCY		142	38.7		140	39.3
OBSTETRIC PROCEDURES		84	22.9		82	23.0
COMPLICATIONS OF LABOR AND/OR DELIVERY		92	25.1		89	25.0
CONGENITAL ANOMALIES OF FETUS		145	39.5		141	39.6
UNDERLYING CAUSE OF DEATH		367	100.0		356	100.0

¹ 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, 1991. (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	603			572		
GESTATION						
CLINICAL ESTIMATE		603	100.0		572	100.0
AS COMPUTED		85	14.1		85	14.9
COMBINED		88	14.6		88	15.4
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		44	7.3		44	7.7
NUMBER OF VISITS		58	9.6		58	10.1
FETUS						
SEX ¹		3	*		-	*
BIRTH WEIGHT		14	*		13	*
MOTHER						
MARITAL STATUS		3	*		3	*
EDUCATION		44	7.3		43	7.5
HISPANIC ORIGIN		603	100.0		572	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		18	*		18	*
BORN LIVE, NOW DEAD		17	*		17	*
OTHER TERMINATIONS		17	*		17	*
FATHER						
RACE		309	51.2		294	51.4
AGE		317	52.6		302	52.8
EDUCATION		300	49.8		285	49.8
HISPANIC ORIGIN		603	100.0		572	100.0
MEDICAL RISK FACTORS		603	100.0		572	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		603	100.0		572	100.0
ALCOHOL USE DURING PREGNANCY		603	100.0		572	100.0
WEIGHT GAIN DURING PREGNANCY ..		603	100.0		572	100.0
OBSTETRIC PROCEDURES		603	100.0		572	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY		603	100.0		572	100.0
CONGENITAL ANOMALIES OF FETUS		603	100.0		572	100.0
UNDERLYING CAUSE OF DEATH		603	100.0		572	100.0

¹ 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, 1991. (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	83			81		
GESTATION						
CLINICAL ESTIMATE		13	*		13	*
AS COMPUTED		25	30.1		25	30.9
COMBINED		11	*		11	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		15	*		15	*
NUMBER OF VISITS		17	*		17	*
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		21	25.3		21	25.9
MOTHER						
MARITAL STATUS		15	*		15	*
EDUCATION		14	*		14	*
HISPANIC ORIGIN		15	*		15	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		12	*		12	*
BORN LIVE, NOW DEAD		12	*		12	*
OTHER TERMINATIONS		12	*		12	*
FATHER						
RACE		31	37.3		31	38.3
AGE		22	26.5		22	27.2
EDUCATION		32	38.6		32	39.5
HISPANIC ORIGIN		38	45.8		38	46.9
MEDICAL RISK FACTORS		14	*		14	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		17	*		17	*
ALCOHOL USE DURING PREGNANCY		19	*		19	*
WEIGHT GAIN DURING PREGNANCY		42	50.6		41	50.6
OBSTETRIC PROCEDURES		9	*		9	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		14	*		14	*
CONGENITAL ANOMALIES OF FETUS		15	*		15	*
UNDERLYING CAUSE OF DEATH		83	100.0		81	100.0

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FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1991. (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	654			633		
GESTATION						
CLINICAL ESTIMATE		654	100.0		633	100.0
AS COMPUTED		305	46.6		305	48.2
COMBINED		306	46.8		306	48.3
PLACE OF DELIVERY		1	*		1	*
PRENATAL CARE						
MONTH BEGAN		284	43.4		280	44.2
NUMBER OF VISITS		654	100.0		633	100.0
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		199	30.4		195	30.8
MOTHER						
MARITAL STATUS		654	100.0		633	100.0
EDUCATION		291	44.5		285	45.0
HISPANIC ORIGIN		654	100.0		633	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		84	12.8		83	13.1
BORN LIVE, NOW DEAD		85	13.0		84	13.3
OTHER TERMINATIONS		85	13.0		84	13.3
FATHER						
RACE		137	20.9		133	21.0
AGE		168	25.7		166	26.2
EDUCATION		325	49.7		318	50.2
HISPANIC ORIGIN		654	100.0		633	100.0
MEDICAL RISK FACTORS		654	100.0		633	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		654	100.0		633	100.0
ALCOHOL USE DURING PREGNANCY		654	100.0		633	100.0
WEIGHT GAIN DURING PREGNANCY		654	100.0		633	100.0
OBSTETRIC PROCEDURES		654	100.0		633	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY		654	100.0		633	100.0
CONGENITAL ANOMALIES OF FETUS		654	100.0		633	100.0
UNDERLYING CAUSE OF DEATH		654	100.0		633	100.0

¹ 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, 1991. (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	539			524		
GESTATION						
CLINICAL ESTIMATE		2	*		2	*
AS COMPUTED		40	7.4		38	7.3
COMBINED		1	*		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		23	4.3		23	4.4
NUMBER OF VISITS		20	3.7		20	3.8
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		9	*		9	*
MOTHER						
MARITAL STATUS		7	*		7	*
EDUCATION		101	18.7		97	18.5
HISPANIC ORIGIN		539	100.0		524	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		5	*		5	*
BORN LIVE, NOW DEAD		5	*		5	*
OTHER TERMINATIONS		5	*		5	*
FATHER						
RACE		128	23.7		121	23.1
AGE		137	25.4		129	24.6
EDUCATION		196	36.4		187	35.7
HISPANIC ORIGIN		539	100.0		524	100.0
MEDICAL RISK FACTORS		539	100.0		524	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		539	100.0		524	100.0
ALCOHOL USE DURING PREGNANCY		539	100.0		524	100.0
WEIGHT GAIN DURING PREGNANCY ..		539	100.0		524	100.0
OBSTETRIC PROCEDURES		539	100.0		524	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY		539	100.0		524	100.0
CONGENITAL ANOMALIES OF FETUS		539	100.0		524	100.0
UNDERLYING CAUSE OF DEATH		539	100.0		524	100.0

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FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1991. (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	777			754		
GESTATION						
CLINICAL ESTIMATE		7	*		7	*
AS COMPUTED		124	16.0		122	16.2
COMBINED		2	*		2	*
PLACE OF DELIVERY		1	*		1	*
PRENATAL CARE						
MONTH BEGAN		85	10.9		84	11.1
NUMBER OF VISITS		96	12.4		94	12.5
FETUS						
SEX ¹		4	*		-	*
BIRTH WEIGHT		12	*		11	*
MOTHER						
MARITAL STATUS		777	100.0		754	100.0
EDUCATION		154	19.8		145	19.2
HISPANIC ORIGIN		117	15.1		112	14.9
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		8	*		8	*
BORN LIVE, NOW DEAD		8	*		8	*
OTHER TERMINATIONS		8	*		8	*
FATHER						
RACE		254	32.7		243	32.2
AGE		337	43.4		322	42.7
EDUCATION		320	41.2		305	40.5
HISPANIC ORIGIN		319	41.1		306	40.6
MEDICAL RISK FACTORS		16	*		16	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		68	8.8		66	8.8
ALCOHOL USE DURING PREGNANCY		82	10.6		80	10.6
WEIGHT GAIN DURING PREGNANCY		269	34.6		260	34.5
OBSTETRIC PROCEDURES		16	*		15	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		34	4.4		32	4.2
CONGENITAL ANOMALIES OF FETUS		47	6.0		47	6.2
UNDERLYING CAUSE OF DEATH		777	100.0		754	100.0

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 * 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, 1991. (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	420			409		
GESTATION						
CLINICAL ESTIMATE		93	22.1		93	22.7
AS COMPUTED		142	33.8		141	34.5
COMBINED		81	19.3		81	19.8
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		109	26.0		109	26.7
NUMBER OF VISITS		112	26.7		112	27.4
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		125	29.8		124	30.3
MOTHER						
MARITAL STATUS		32	7.6		32	7.8
EDUCATION		45	10.7		43	10.5
HISPANIC ORIGIN		15	*		15	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		45	10.7		45	11.0
BORN LIVE, NOW DEAD		45	10.7		45	11.0
OTHER TERMINATIONS		45	10.7		45	11.0
FATHER						
RACE		60	14.3		58	14.2
AGE		94	22.4		92	22.5
EDUCATION		98	23.3		95	23.2
HISPANIC ORIGIN		67	16.0		65	15.9
MEDICAL RISK FACTORS		52	12.4		51	12.5
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		60	14.3		60	14.7
ALCOHOL USE DURING PREGNANCY		65	15.5		65	15.9
WEIGHT GAIN DURING PREGNANCY		188	44.8		185	45.2
OBSTETRIC PROCEDURES		34	8.1		33	8.1
COMPLICATIONS OF LABOR AND/OR DELIVERY		44	10.5		44	10.8
CONGENITAL ANOMALIES OF FETUS		83	19.8		83	20.3
UNDERLYING CAUSE OF DEATH		420	100.0		409	100.0

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* 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, 1991. (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	483			466		
GESTATION						
CLINICAL ESTIMATE		7	*		7	*
AS COMPUTED		83	17.2		78	16.7
COMBINED		2	*		2	*
PLACE OF DELIVERY		3	*		3	*
PRENATAL CARE						
MONTH BEGAN		62	12.8		58	12.4
NUMBER OF VISITS		75	15.5		69	14.8
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		27	5.6		26	5.6
MOTHER						
MARITAL STATUS		4	*		4	*
EDUCATION		90	18.6		86	18.5
HISPANIC ORIGIN		1	*		1	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		11	*		11	*
BORN LIVE, NOW DEAD		15	*		15	*
OTHER TERMINATIONS		13	*		13	*
FATHER						
RACE		288	59.6		275	59.0
AGE		332	68.7		316	67.8
EDUCATION		314	65.0		299	64.2
HISPANIC ORIGIN		288	59.6		275	59.0
MEDICAL RISK FACTORS		12	*		12	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		33	6.8		31	6.7
ALCOHOL USE DURING PREGNANCY		40	8.3		37	7.9
WEIGHT GAIN DURING PREGNANCY		154	31.9		146	31.3
OBSTETRIC PROCEDURES		9	*		9	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		12	*		12	*
CONGENITAL ANOMALIES OF FETUS		30	6.2		30	6.4
UNDERLYING CAUSE OF DEATH		483	100.0		466	100.0

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 * 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, 1991. (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	561			545		
GESTATION						
CLINICAL ESTIMATE		16	*		16	*
AS COMPUTED		81	14.4		77	14.1
COMBINED		10	*		10	*
PLACE OF DELIVERY		1	*		1	*
PRENATAL CARE						
MONTH BEGAN		45	8.0		43	7.9
NUMBER OF VISITS		53	9.4		52	9.5
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		28	5.0		27	5.0
MOTHER						
MARITAL STATUS		5	*		5	*
EDUCATION		52	9.3		48	8.8
HISPANIC ORIGIN		8	*		8	*
PREPREGNANCY HISTORY						
BORN LIVE, NOW LIVING		8	*		8	*
BORN LIVE, NOW DEAD		7	*		7	*
OTHER TERMINATIONS		10	*		10	*
FATHER						
RACE		223	39.8		218	40.0
AGE		262	46.7		255	46.8
EDUCATION		247	44.0		241	44.2
HISPANIC ORIGIN		222	39.6		217	39.8
MEDICAL RISK FACTORS		15	*		15	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		20	3.6		20	3.7
ALCOHOL USE DURING PREGNANCY		23	4.1		23	4.2
WEIGHT GAIN DURING PREGNANCY ..		93	16.6		89	16.3
OBSTETRIC PROCEDURES		16	*		16	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		17	*		17	*
CONGENITAL ANOMALIES OF FETUS		20	3.6		20	3.7
UNDERLYING CAUSE OF DEATH		561	100.0		545	100.0

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FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1991. (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	79			79		
GESTATION						
CLINICAL ESTIMATE		5	*		5	*
AS COMPUTED		13	*		13	*
COMBINED		2	*		2	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		6	*		6	*
NUMBER OF VISITS		6	*		6	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		7	*		7	*
MOTHER						
MARITAL STATUS		1	*		1	*
EDUCATION		3	*		3	*
HISPANIC ORIGIN		9	*		9	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		1	*		1	*
OTHER TERMINATIONS		1	*		1	*
FATHER						
RACE		14	*		14	*
AGE		18	*		18	*
EDUCATION		14	*		14	*
HISPANIC ORIGIN		19	*		19	*
MEDICAL RISK FACTORS		41	51.9		41	51.9
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		44	55.7		44	55.7
ALCOHOL USE DURING PREGNANCY		44	55.7		44	55.7
WEIGHT GAIN DURING PREGNANCY ..		46	58.2		46	58.2
OBSTETRIC PROCEDURES		42	53.2		42	53.2
COMPLICATIONS OF LABOR AND/OR DELIVERY		43	54.4		43	54.4
CONGENITAL ANOMALIES OF FETUS		41	51.9		41	51.9
UNDERLYING CAUSE OF DEATH		79	100.0		79	100.0

¹ 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, 1991. (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	177			174		
GESTATION						
CLINICAL ESTIMATE		2	*		2	*
AS COMPUTED		17	*		17	*
COMBINED		1	*		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		2	*		2	*
NUMBER OF VISITS		6	*		6	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		8	*		7	*
MOTHER						
MARITAL STATUS		2	*		2	*
EDUCATION		4	*		4	*
HISPANIC ORIGIN		12	*		12	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		2	*		2	*
OTHER TERMINATIONS		1	*		1	*
FATHER						
RACE		19	*		18	*
AGE		20	11.3		19	*
EDUCATION		25	14.1		24	13.8
HISPANIC ORIGIN		29	16.4		28	16.1
MEDICAL RISK FACTORS		2	*		2	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		4	*		4	*
ALCOHOL USE DURING PREGNANCY		7	*		7	*
WEIGHT GAIN DURING PREGNANCY		13	*		12	*
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		2	*		2	*
CONGENITAL ANOMALIES OF FETUS		3	*		3	*
UNDERLYING CAUSE OF DEATH		177	100.0		174	100.0

¹ 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, 1991. (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	158			150		
GESTATION						
CLINICAL ESTIMATE		2	*		2	*
AS COMPUTED		56	35.4		52	34.7
COMBINED		2	*		2	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		48	30.4		44	29.3
NUMBER OF VISITS		50	31.6		46	30.7
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		29	18.4		25	16.7
MOTHER						
MARITAL STATUS		158	100.0		150	100.0
EDUCATION		14	*		11	*
HISPANIC ORIGIN		4	*		4	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		16	*		13	*
BORN LIVE, NOW DEAD		16	*		13	*
OTHER TERMINATIONS		16	*		13	*
FATHER						
RACE		18	*		18	*
AGE		27	17.1		25	16.7
EDUCATION		27	17.1		23	15.3
HISPANIC ORIGIN		19	*		19	*
MEDICAL RISK FACTORS		34	21.5		30	20.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		45	28.5		42	28.0
ALCOHOL USE DURING PREGNANCY		51	32.3		47	31.3
WEIGHT GAIN DURING PREGNANCY		90	57.0		84	56.0
OBSTETRIC PROCEDURES		23	14.6		20	13.3
COMPLICATIONS OF LABOR AND/OR DELIVERY		44	27.8		41	27.3
CONGENITAL ANOMALIES OF FETUS		56	35.4		51	34.0
UNDERLYING CAUSE OF DEATH		158	100.0		150	100.0

¹ 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, 1991. (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	96			93		
GESTATION						
CLINICAL ESTIMATE		1	*		1	*
AS COMPUTED		9	*		8	*
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		10	*		9	*
NUMBER OF VISITS		11	*		11	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		1	*		-	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		14	*		13	*
HISPANIC ORIGIN		96	100.0		93	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		1	*		1	*
OTHER TERMINATIONS		1	*		1	*
FATHER						
RACE		18	*		18	*
AGE		30	31.3		30	32.3
EDUCATION		30	31.3		29	31.2
HISPANIC ORIGIN		96	100.0		93	100.0
MEDICAL RISK FACTORS		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		4	*		4	*
ALCOHOL USE DURING PREGNANCY		4	*		4	*
WEIGHT GAIN DURING PREGNANCY		15	*		15	*
OBSTETRIC PROCEDURES		2	*		2	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		-	*		-	*
CONGENITAL ANOMALIES OF FETUS		-	*		-	*
UNDERLYING CAUSE OF DEATH		96	100.0		93	100.0

¹ 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, 1991. (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	960			911		
GESTATION						
CLINICAL ESTIMATE		90	9.4		88	9.7
AS COMPUTED		172	17.9		164	18.0
COMBINED		60	6.3		60	6.6
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		144	15.0		135	14.8
NUMBER OF VISITS		165	17.2		155	17.0
FETUS						
SEX ¹		4	*		-	*
BIRTH WEIGHT		156	16.3		145	15.9
MOTHER						
MARITAL STATUS		24	2.5		23	2.5
EDUCATION		169	17.6		159	17.5
HISPANIC ORIGIN		27	2.8		26	2.9
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		39	4.1		37	4.1
BORN LIVE, NOW DEAD		65	6.8		60	6.6
OTHER TERMINATIONS		56	5.8		54	5.9
FATHER						
RACE		54	5.6		48	5.3
AGE		194	20.2		181	19.9
EDUCATION		240	25.0		224	24.6
HISPANIC ORIGIN		71	7.4		65	7.1
MEDICAL RISK FACTORS		88	9.2		83	9.1
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		79	8.2		76	8.3
ALCOHOL USE DURING PREGNANCY		94	9.8		90	9.9
WEIGHT GAIN DURING PREGNANCY		412	42.9		382	41.9
OBSTETRIC PROCEDURES		65	6.8		62	6.8
COMPLICATIONS OF LABOR AND/OR DELIVERY		90	9.4		86	9.4
CONGENITAL ANOMALIES OF FETUS		114	11.9		108	11.9
UNDERLYING CAUSE OF DEATH		960	100.0		911	100.0

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FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1991. (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	97			95		
GESTATION						
CLINICAL ESTIMATE		5	*		5	*
AS COMPUTED		14	*		14	*
COMBINED		1	*		1	*
PLACE OF DELIVERY		1	*		1	*
PRENATAL CARE						
MONTH BEGAN		6	*		6	*
NUMBER OF VISITS		6	*		6	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		9	*		8	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		32	33.0		32	33.7
HISPANIC ORIGIN		4	*		4	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		-	*		-	*
BORN LIVE, NOW DEAD		-	*		-	*
OTHER TERMINATIONS		1	*		1	*
FATHER						
RACE		33	34.0		33	34.7
AGE		42	43.3		42	44.2
EDUCATION		46	47.4		46	48.4
HISPANIC ORIGIN		33	34.0		33	34.7
MEDICAL RISK FACTORS		2	*		2	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		-	*		-	*
ALCOHOL USE DURING PREGNANCY		3	*		3	*
WEIGHT GAIN DURING PREGNANCY		36	37.1		35	36.8
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		-	*		-	*
CONGENITAL ANOMALIES OF FETUS		97	100.0		95	100.0
UNDERLYING CAUSE OF DEATH		97	100.0		95	100.0

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 * 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, 1991. (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	10,363			1,177		
GESTATION						
CLINICAL ESTIMATE		1,037	10.0		61	5.2
AS COMPUTED		1,657	16.0		192	16.3
COMBINED		585	5.6		44	3.7
PLACE OF DELIVERY		2	*		-	*
PRENATAL CARE						
MONTH BEGAN		3,630	35.0		166	14.1
NUMBER OF VISITS		4,076	39.3		219	18.6
FETUS						
SEX ¹		8,847	85.4		-	*
BIRTH WEIGHT		9,237	89.1		311	26.4
MOTHER						
MARITAL STATUS		10,363	100.0		1,177	100.0
EDUCATION		3,942	38.0		248	21.1
HISPANIC ORIGIN		2,482	24.0		138	11.7
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1,223	11.8		83	7.1
BORN LIVE, NOW DEAD		1,223	11.8		83	7.1
OTHER TERMINATIONS		1,223	11.8		83	7.1
FATHER						
RACE		4,689	45.2		376	31.9
AGE		5,785	55.8		456	38.7
EDUCATION		5,900	56.9		494	42.0
HISPANIC ORIGIN		4,975	48.0		402	34.2
MEDICAL RISK FACTORS		4,221	40.7		242	20.6
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		10,363	100.0		1,177	100.0
ALCOHOL USE DURING PREGNANCY		10,363	100.0		1,177	100.0
WEIGHT GAIN DURING PREGNANCY		7,267	70.1		468	39.8
OBSTETRIC PROCEDURES		3,205	30.9		97	8.2
COMPLICATIONS OF LABOR AND/OR DELIVERY		5,096	49.2		264	22.4
CONGENITAL ANOMALIES OF FETUS		10,363	100.0		1,177	100.0
UNDERLYING CAUSE OF DEATH		10,363	100.0		1,177	100.0

¹ 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, 1991. (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	5,161			1,665		
GESTATION						
CLINICAL ESTIMATE		487	9.4		84	5.0
AS COMPUTED		1,399	27.1		295	17.7
COMBINED		213	4.1		42	2.5
PLACE OF DELIVERY		1	*		-	*
PRENATAL CARE						
MONTH BEGAN		2,033	39.4		421	25.3
NUMBER OF VISITS		1,960	38.0		390	23.4
FETUS						
SEX ¹		3,106	60.2		-	*
BIRTH WEIGHT		2,914	56.5		237	14.2
MOTHER						
MARITAL STATUS		5,161	100.0		1,665	100.0
EDUCATION		2,440	47.3		624	37.5
HISPANIC ORIGIN		1,777	34.4		401	24.1
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		211	4.1		50	3.0
BORN LIVE, NOW DEAD		221	4.3		50	3.0
OTHER TERMINATIONS		217	4.2		50	3.0
FATHER						
RACE		2,891	56.0		943	56.6
AGE		3,708	71.8		1,075	64.6
EDUCATION		3,655	70.8		1,127	67.7
HISPANIC ORIGIN		3,531	68.4		1,077	64.7
MEDICAL RISK FACTORS		295	5.7		58	3.5
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		5,161	100.0		1,665	100.0
ALCOHOL USE DURING PREGNANCY		5,161	100.0		1,665	100.0
WEIGHT GAIN DURING PREGNANCY		4,034	78.2		1,079	64.8
OBSTETRIC PROCEDURES		321	6.2		48	2.9
COMPLICATIONS OF LABOR AND/OR DELIVERY		761	14.7		188	11.3
CONGENITAL ANOMALIES OF FETUS		5,161	100.0		1,665	100.0
UNDERLYING CAUSE OF DEATH		5,161	100.0		1,665	100.0

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 * 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, 1991. (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	883			855		
GESTATION						
CLINICAL ESTIMATE		26	2.9		25	2.9
AS COMPUTED		134	15.2		131	15.3
COMBINED		15	*		15	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		41	4.6		40	4.7
NUMBER OF VISITS		47	5.3		46	5.4
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		66	7.5		62	7.3
MOTHER						
MARITAL STATUS		4	*		3	*
EDUCATION		51	5.8		51	6.0
HISPANIC ORIGIN		7	*		7	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		15	*		15	*
BORN LIVE, NOW DEAD		20	2.3		20	2.3
OTHER TERMINATIONS		18	*		18	*
FATHER						
RACE		338	38.3		328	38.4
AGE		371	42.0		359	42.0
EDUCATION		362	41.0		352	41.2
HISPANIC ORIGIN		331	37.5		321	37.5
MEDICAL RISK FACTORS		8	*		8	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		25	2.8		24	2.8
ALCOHOL USE DURING PREGNANCY		28	3.2		27	3.2
WEIGHT GAIN DURING PREGNANCY		161	18.2		153	17.9
OBSTETRIC PROCEDURES		12	*		11	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		10	*		10	*
CONGENITAL ANOMALIES OF FETUS		30	3.4		29	3.4
UNDERLYING CAUSE OF DEATH		883	100.0		855	100.0

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 * 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, 1991. (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	73			73		
GESTATION						
CLINICAL ESTIMATE		1	*		1	*
AS COMPUTED		6	*		6	*
COMBINED		1	*		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		4	*		4	*
NUMBER OF VISITS		4	*		4	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		3	*		3	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		5	*		5	*
HISPANIC ORIGIN		5	*		5	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		2	*		2	*
BORN LIVE, NOW DEAD		2	*		2	*
OTHER TERMINATIONS		2	*		2	*
FATHER						
RACE		17	*		17	*
AGE		12	*		12	*
EDUCATION		19	*		19	*
HISPANIC ORIGIN		21	28.8		21	28.8
MEDICAL RISK FACTORS		3	*		3	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		7	*		7	*
ALCOHOL USE DURING PREGNANCY		9	*		9	*
WEIGHT GAIN DURING PREGNANCY		18	*		18	*
OBSTETRIC PROCEDURES		3	*		3	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		3	*		3	*
CONGENITAL ANOMALIES OF FETUS		9	*		9	*
UNDERLYING CAUSE OF DEATH		73	100.0		73	100.0

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 * 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, 1991. (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	1,225			1,196		
GESTATION						
CLINICAL ESTIMATE		15	*		15	*
AS COMPUTED		253	20.7		250	20.9
COMBINED		13	*		13	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		125	10.2		124	10.4
NUMBER OF VISITS		139	11.3		134	11.2
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		93	7.6		91	7.6
MOTHER						
MARITAL STATUS		552	45.1		538	45.0
EDUCATION		130	10.6		125	10.5
HISPANIC ORIGIN		34	2.8		34	2.8
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		68	5.6		68	5.7
BORN LIVE, NOW DEAD		67	5.5		67	5.6
OTHER TERMINATIONS		71	5.8		71	5.9
FATHER						
RACE		187	15.3		182	15.2
AGE		236	19.3		229	19.1
EDUCATION		275	22.4		267	22.3
HISPANIC ORIGIN		185	15.1		180	15.1
MEDICAL RISK FACTORS		71	5.8		71	5.9
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		129	10.5		127	10.6
ALCOHOL USE DURING PREGNANCY		162	13.2		160	13.4
WEIGHT GAIN DURING PREGNANCY		399	32.6		390	32.6
OBSTETRIC PROCEDURES		66	5.4		65	5.4
COMPLICATIONS OF LABOR AND/OR DELIVERY		77	6.3		76	6.4
CONGENITAL ANOMALIES OF FETUS		104	8.5		103	8.6
UNDERLYING CAUSE OF DEATH		1,225	100.0		1,196	100.0

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FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1991. (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	371			364		
GESTATION						
CLINICAL ESTIMATE		371	100.0		364	100.0
AS COMPUTED		165	44.5		165	45.3
COMBINED		168	45.3		168	46.2
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		154	41.5		154	42.3
NUMBER OF VISITS		158	42.6		158	43.4
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		86	23.2		85	23.4
MOTHER						
MARITAL STATUS		102	27.5		102	28.0
EDUCATION		146	39.4		145	39.8
HISPANIC ORIGIN		371	100.0		364	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		137	36.9		137	37.6
BORN LIVE, NOW DEAD		139	37.5		139	38.2
OTHER TERMINATIONS		139	37.5		139	38.2
FATHER						
RACE		147	39.6		147	40.4
AGE		105	28.3		104	28.6
EDUCATION		198	53.4		197	54.1
HISPANIC ORIGIN		371	100.0		364	100.0
MEDICAL RISK FACTORS		371	100.0		364	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		371	100.0		364	100.0
ALCOHOL USE DURING PREGNANCY		371	100.0		364	100.0
WEIGHT GAIN DURING PREGNANCY		371	100.0		364	100.0
OBSTETRIC PROCEDURES		371	100.0		364	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY		371	100.0		364	100.0
CONGENITAL ANOMALIES OF FETUS		371	100.0		364	100.0
UNDERLYING CAUSE OF DEATH		371	100.0		364	100.0

¹ 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, 1991. (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	282			279		
GESTATION						
CLINICAL ESTIMATE		3	*		3	*
AS COMPUTED		31	11.0		31	11.1
COMBINED		1	*		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		7	*		7	*
NUMBER OF VISITS		12	*		12	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		9	*		9	*
MOTHER						
MARITAL STATUS		2	*		2	*
EDUCATION		20	7.1		20	7.2
HISPANIC ORIGIN		5	*		5	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		1	*		1	*
OTHER TERMINATIONS		1	*		1	*
FATHER						
RACE		54	19.1		54	19.4
AGE		97	34.4		97	34.8
EDUCATION		68	24.1		68	24.4
HISPANIC ORIGIN		48	17.0		48	17.2
MEDICAL RISK FACTORS		14	*		14	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		11	*		11	*
ALCOHOL USE DURING PREGNANCY		18	*		18	*
WEIGHT GAIN DURING PREGNANCY ..		77	27.3		76	27.2
OBSTETRIC PROCEDURES		2	*		2	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		-	*		-	*
CONGENITAL ANOMALIES OF FETUS		-	*		-	*
UNDERLYING CAUSE OF DEATH		282	100.0		279	100.0

¹ 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, 1991. (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	2,081			1,527		
GESTATION						
CLINICAL ESTIMATE		144	6.9		137	9.0
AS COMPUTED		456	21.9		342	22.4
COMBINED		118	5.7		118	7.7
PLACE OF DELIVERY		1	*		1	*
PRENATAL CARE						
MONTH BEGAN		419	20.1		315	20.6
NUMBER OF VISITS		401	19.3		297	19.4
FETUS						
SEX ¹		147	7.1		-	*
BIRTH WEIGHT		414	19.9		268	17.6
MOTHER						
MARITAL STATUS		209	10.0		171	11.2
EDUCATION		324	15.6		203	13.3
HISPANIC ORIGIN		92	4.4		61	4.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		114	5.5		103	6.7
BORN LIVE, NOW DEAD		116	5.6		104	6.8
OTHER TERMINATIONS		117	5.6		106	6.9
FATHER						
RACE		322	15.5		214	14.0
AGE		426	20.5		274	17.9
EDUCATION		487	23.4		324	21.2
HISPANIC ORIGIN		314	15.1		205	13.4
MEDICAL RISK FACTORS		228	11.0		186	12.2
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		399	19.2		279	18.3
ALCOHOL USE DURING PREGNANCY		457	22.0		319	20.9
WEIGHT GAIN DURING PREGNANCY		1,057	50.8		728	47.7
OBSTETRIC PROCEDURES		173	8.3		139	9.1
COMPLICATIONS OF LABOR AND/OR DELIVERY		224	10.8		165	10.8
CONGENITAL ANOMALIES OF FETUS		452	21.7		356	23.3
UNDERLYING CAUSE OF DEATH		2,081	100.0		1,527	100.0

¹ 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, 1991. (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	1,084			83		
GESTATION						
CLINICAL ESTIMATE		29	2.7		-	*
AS COMPUTED		775	71.5		75	90.4
COMBINED		30	2.8		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		1,038	95.8		75	90.4
NUMBER OF VISITS		1,011	93.3		75	90.4
FETUS						
SEX ¹		999	92.2		-	*
BIRTH WEIGHT		1,009	93.1		10	*
MOTHER						
MARITAL STATUS		258	23.8		54	65.1
EDUCATION		1,058	97.6		77	92.8
HISPANIC ORIGIN		1,063	98.1		78	94.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		436	40.2		67	80.7
BORN LIVE, NOW DEAD		436	40.2		67	80.7
OTHER TERMINATIONS		437	40.3		67	80.7
FATHER						
RACE		1,050	96.9		76	91.6
AGE		951	87.7		27	32.5
EDUCATION		1,060	97.8		77	92.8
HISPANIC ORIGIN		1,064	98.2		78	94.0
MEDICAL RISK FACTORS		980	90.4		47	56.6
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		1,008	93.0		63	75.9
ALCOHOL USE DURING PREGNANCY		1,012	93.4		65	78.3
WEIGHT GAIN DURING PREGNANCY		1,028	94.8		67	80.7
OBSTETRIC PROCEDURES		981	90.5		45	54.2
COMPLICATIONS OF LABOR AND/OR DELIVERY		1,000	92.3		47	56.6
CONGENITAL ANOMALIES OF FETUS		1,027	94.7		61	73.5
UNDERLYING CAUSE OF DEATH		1,084	100.0		83	100.0

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 * 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, 1991. (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	587			566		
GESTATION						
CLINICAL ESTIMATE		17	*		17	*
AS COMPUTED		64	10.9		62	11.0
COMBINED		8	*		8	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		34	5.8		34	6.0
NUMBER OF VISITS		31	5.3		30	5.3
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		21	3.6		21	3.7
MOTHER						
MARITAL STATUS		7	*		7	*
EDUCATION		46	7.8		45	8.0
HISPANIC ORIGIN		9	*		9	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		3	*		3	*
BORN LIVE, NOW DEAD		4	*		4	*
OTHER TERMINATIONS		3	*		3	*
FATHER						
RACE		281	47.9		264	46.6
AGE		337	57.4		319	56.4
EDUCATION		304	51.8		286	50.5
HISPANIC ORIGIN		274	46.7		257	45.4
MEDICAL RISK FACTORS		15	*		15	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		35	6.0		35	6.2
ALCOHOL USE DURING PREGNANCY		41	7.0		40	7.1
WEIGHT GAIN DURING PREGNANCY ..		127	21.6		117	20.7
OBSTETRIC PROCEDURES		21	3.6		21	3.7
COMPLICATIONS OF LABOR AND/OR DELIVERY		14	*		14	*
CONGENITAL ANOMALIES OF FETUS		32	5.5		32	5.7
UNDERLYING CAUSE OF DEATH		587	100.0		566	100.0

¹ 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, 1991. (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		4	*		4	*
AS COMPUTED		4	*		4	*
COMBINED		1	*		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		1	*		1	*
NUMBER OF VISITS		1	*		1	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		-	*		-	*
MOTHER						
MARITAL STATUS		1	*		1	*
EDUCATION		-	*		-	*
HISPANIC ORIGIN		2	*		2	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		-	*		-	*
BORN LIVE, NOW DEAD		-	*		-	*
OTHER TERMINATIONS		-	*		-	*
FATHER						
RACE		10	*		10	*
AGE		10	*		10	*
EDUCATION		11	*		11	*
HISPANIC ORIGIN		13	*		13	*
MEDICAL RISK FACTORS		1	*		1	*
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 ..		15	*		15	*
OBSTETRIC PROCEDURES		3	*		3	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		1	*		1	*
CONGENITAL ANOMALIES OF FETUS		2	*		2	*
UNDERLYING CAUSE OF DEATH		76	100.0		75	100.0

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 * 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, 1991. (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	452			447		
GESTATION						
CLINICAL ESTIMATE		15	*		15	*
AS COMPUTED		66	14.6		64	14.3
COMBINED		8	*		8	*
PLACE OF DELIVERY		2	*		2	*
PRENATAL CARE						
MONTH BEGAN		43	9.5		43	9.6
NUMBER OF VISITS		52	11.5		51	11.4
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		20	4.4		19	*
MOTHER						
MARITAL STATUS		5	*		5	*
EDUCATION		38	8.4		38	8.5
HISPANIC ORIGIN		15	*		15	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		6	*		6	*
BORN LIVE, NOW DEAD		8	*		8	*
OTHER TERMINATIONS		7	*		7	*
FATHER						
RACE		199	44.0		196	43.8
AGE		214	47.3		211	47.2
EDUCATION		207	45.8		204	45.6
HISPANIC ORIGIN		184	40.7		181	40.5
MEDICAL RISK FACTORS		25	5.5		25	5.6
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		36	8.0		36	8.1
ALCOHOL USE DURING PREGNANCY		42	9.3		42	9.4
WEIGHT GAIN DURING PREGNANCY ..		213	47.1		210	47.0
OBSTETRIC PROCEDURES		25	5.5		25	5.6
COMPLICATIONS OF LABOR AND/OR DELIVERY		30	6.6		30	6.7
CONGENITAL ANOMALIES OF FETUS		41	9.1		41	9.2
UNDERLYING CAUSE OF DEATH		452	100.0		447	100.0

¹ 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, 1991. (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	2,167			2,079		
GESTATION						
CLINICAL ESTIMATE		142	6.6		141	6.8
AS COMPUTED		420	19.4		402	19.3
COMBINED		105	4.8		105	5.1
PLACE OF DELIVERY		1	*		1	*
PRENATAL CARE						
MONTH BEGAN		270	12.5		259	12.5
NUMBER OF VISITS		298	13.8		285	13.7
FETUS						
SEX ¹		8	*		-	*
BIRTH WEIGHT		229	10.6		210	10.1
MOTHER						
MARITAL STATUS		2,167	100.0		2,079	100.0
EDUCATION		251	11.6		246	11.8
HISPANIC ORIGIN		10	*		9	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		58	2.7		57	2.7
BORN LIVE, NOW DEAD		63	2.9		62	3.0
OTHER TERMINATIONS		72	3.3		70	3.4
FATHER						
RACE		343	15.8		325	15.6
AGE		419	19.3		400	19.2
EDUCATION		550	25.4		529	25.4
HISPANIC ORIGIN		338	15.6		321	15.4
MEDICAL RISK FACTORS		1,053	48.6		1,000	48.1
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		1,041	48.0		993	47.8
ALCOHOL USE DURING PREGNANCY		1,064	49.1		1,014	48.8
WEIGHT GAIN DURING PREGNANCY		1,521	70.2		1,448	69.6
OBSTETRIC PROCEDURES		929	42.9		886	42.6
COMPLICATIONS OF LABOR AND/OR DELIVERY		978	45.1		931	44.8
CONGENITAL ANOMALIES OF FETUS		991	45.7		945	45.5
UNDERLYING CAUSE OF DEATH		2,167	100.0		2,079	100.0

¹ 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, 1991. (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	218			209		
GESTATION						
CLINICAL ESTIMATE		6	*		5	*
AS COMPUTED		31	14.2		29	13.9
COMBINED		2	*		2	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		27	12.4		24	11.5
NUMBER OF VISITS		28	12.8		25	12.0
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		16	*		14	*
MOTHER						
MARITAL STATUS		1	*		1	*
EDUCATION		18	*		16	*
HISPANIC ORIGIN		3	*		3	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		5	*		4	*
BORN LIVE, NOW DEAD		5	*		4	*
OTHER TERMINATIONS		5	*		4	*
FATHER						
RACE		27	12.4		27	12.9
AGE		36	16.5		33	15.8
EDUCATION		42	19.3		40	19.1
HISPANIC ORIGIN		26	11.9		26	12.4
MEDICAL RISK FACTORS		18	*		17	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		23	10.6		22	10.5
ALCOHOL USE DURING PREGNANCY		22	10.1		21	10.0
WEIGHT GAIN DURING PREGNANCY		39	17.9		36	17.2
OBSTETRIC PROCEDURES		7	*		7	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		15	*		15	*
CONGENITAL ANOMALIES OF FETUS		28	12.8		27	12.9
UNDERLYING CAUSE OF DEATH		218	100.0		209	100.0

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 * 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, 1991. (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			47		
GESTATION						
CLINICAL ESTIMATE		6	*		6	*
AS COMPUTED		12	*		12	*
COMBINED		4	*		4	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		12	*		11	*
NUMBER OF VISITS		8	*		7	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		17	*		16	*
MOTHER						
MARITAL STATUS		2	*		2	*
EDUCATION		7	*		6	*
HISPANIC ORIGIN		4	*		3	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		1	*		1	*
OTHER TERMINATIONS		1	*		1	*
FATHER						
RACE		14	*		13	*
AGE		18	*		17	*
EDUCATION		18	*		17	*
HISPANIC ORIGIN		12	*		11	*
MEDICAL RISK FACTORS		4	*		4	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		5	*		5	*
ALCOHOL USE DURING PREGNANCY		11	*		11	*
WEIGHT GAIN DURING PREGNANCY ..		22	44.9		21	44.7
OBSTETRIC PROCEDURES		3	*		3	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		5	*		5	*
CONGENITAL ANOMALIES OF FETUS		11	*		11	*
UNDERLYING CAUSE OF DEATH		49	100.0		47	100.0

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 * 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, 1991. (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	7,909			780		
GESTATION						
CLINICAL ESTIMATE		921	11.6		24	3.1
AS COMPUTED		1,747	22.1		134	17.2
COMBINED		442	5.6		9	*
PLACE OF DELIVERY		7	*		-	*
PRENATAL CARE						
MONTH BEGAN		6,564	83.0		166	21.3
NUMBER OF VISITS		6,637	83.9		206	26.4
FETUS						
SEX ¹		6,848	86.6		-	*
BIRTH WEIGHT		7,077	89.5		181	23.2
MOTHER						
MARITAL STATUS		487	6.2		10	*
EDUCATION		4,934	62.4		281	36.0
HISPANIC ORIGIN		1,391	17.6		50	6.4
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		547	6.9		25	3.2
BORN LIVE, NOW DEAD		539	6.8		23	2.9
OTHER TERMINATIONS		572	7.2		24	3.1
FATHER						
RACE		7,909	100.0		780	100.0
AGE		7,902	99.9		777	99.6
EDUCATION		7,909	100.0		780	100.0
HISPANIC ORIGIN		7,909	100.0		780	100.0
MEDICAL RISK FACTORS		6,644	84.0		183	23.5
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		6,664	84.3		197	25.3
ALCOHOL USE DURING PREGNANCY		6,726	85.0		224	28.7
WEIGHT GAIN DURING PREGNANCY		7,262	91.8		369	47.3
OBSTETRIC PROCEDURES		6,636	83.9		172	22.1
COMPLICATIONS OF LABOR AND/OR DELIVERY		6,726	85.0		189	24.2
CONGENITAL ANOMALIES OF FETUS		6,819	86.2		258	33.1
UNDERLYING CAUSE OF DEATH		7,909	100.0		780	100.0

¹ 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, 1991. (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	443			435		
GESTATION						
CLINICAL ESTIMATE		32	7.2		32	7.4
AS COMPUTED		117	26.4		112	25.7
COMBINED		22	5.0		22	5.1
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		87	19.6		85	19.5
NUMBER OF VISITS		109	24.6		106	24.4
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		49	11.1		46	10.6
MOTHER						
MARITAL STATUS		24	5.4		24	5.5
EDUCATION		143	32.3		142	32.6
HISPANIC ORIGIN		61	13.8		60	13.8
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		13	*		13	*
BORN LIVE, NOW DEAD		17	*		17	*
OTHER TERMINATIONS		24	5.4		24	5.5
FATHER						
RACE		57	12.9		56	12.9
AGE		107	24.2		106	24.4
EDUCATION		160	36.1		158	36.3
HISPANIC ORIGIN		81	18.3		80	18.4
MEDICAL RISK FACTORS		120	27.1		119	27.4
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		98	22.1		96	22.1
ALCOHOL USE DURING PREGNANCY		124	28.0		122	28.0
WEIGHT GAIN DURING PREGNANCY		247	55.8		241	55.4
OBSTETRIC PROCEDURES		99	22.3		98	22.5
COMPLICATIONS OF LABOR AND/OR DELIVERY		112	25.3		112	25.7
CONGENITAL ANOMALIES OF FETUS		161	36.3		161	37.0
UNDERLYING CAUSE OF DEATH		443	100.0		435	100.0

¹ 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, 1991. (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	172			171		
GESTATION						
CLINICAL ESTIMATE		3	*		3	*
AS COMPUTED		14	*		14	*
COMBINED		2	*		2	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		11	*		11	*
NUMBER OF VISITS		14	*		14	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		5	*		5	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		9	*		9	*
HISPANIC ORIGIN		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		-	*		-	*
BORN LIVE, NOW DEAD		-	*		-	*
OTHER TERMINATIONS		-	*		-	*
FATHER						
RACE		38	22.1		38	22.2
AGE		47	27.3		47	27.5
EDUCATION		49	28.5		49	28.7
HISPANIC ORIGIN		35	20.3		35	20.5
MEDICAL RISK FACTORS		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		16	*		16	*
ALCOHOL USE DURING PREGNANCY		19	*		19	*
WEIGHT GAIN DURING PREGNANCY		70	40.7		69	40.4
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		-	*		-	*
CONGENITAL ANOMALIES OF FETUS		-	*		-	*
UNDERLYING CAUSE OF DEATH		172	100.0		171	100.0

¹ 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, 1991. (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	426			414		
GESTATION						
CLINICAL ESTIMATE		4	*		4	*
AS COMPUTED		35	8.2		33	8.0
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		8	*		8	*
NUMBER OF VISITS		11	*		11	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		8	*		8	*
MOTHER						
MARITAL STATUS		1	*		1	*
EDUCATION		17	*		17	*
HISPANIC ORIGIN		21	4.9		21	5.1
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		2	*		2	*
BORN LIVE, NOW DEAD		2	*		2	*
OTHER TERMINATIONS		2	*		2	*
FATHER						
RACE		164	38.5		158	38.2
AGE		173	40.6		167	40.3
EDUCATION		169	39.7		163	39.4
HISPANIC ORIGIN		177	41.5		171	41.3
MEDICAL RISK FACTORS		3	*		2	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		3	*		2	*
ALCOHOL USE DURING PREGNANCY		3	*		2	*
WEIGHT GAIN DURING PREGNANCY		17	*		16	*
OBSTETRIC PROCEDURES		3	*		2	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		5	*		4	*
CONGENITAL ANOMALIES OF FETUS		8	*		6	*
UNDERLYING CAUSE OF DEATH		426	100.0		414	100.0

¹ 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, 1991. (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	50			48		
GESTATION						
CLINICAL ESTIMATE		-	*		-	*
AS COMPUTED		7	*		7	*
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		2	*		2	*
NUMBER OF VISITS		3	*		3	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		-	*		-	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		1	*		1	*
HISPANIC ORIGIN		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		-	*		-	*
BORN LIVE, NOW DEAD		-	*		-	*
OTHER TERMINATIONS		-	*		-	*
FATHER						
RACE		10	*		9	*
AGE		11	*		10	*
EDUCATION		11	*		10	*
HISPANIC ORIGIN		10	*		9	*
MEDICAL RISK FACTORS		2	*		2	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		1	*		1	*
ALCOHOL USE DURING PREGNANCY		1	*		1	*
WEIGHT GAIN DURING PREGNANCY		7	*		7	*
OBSTETRIC PROCEDURES		2	*		2	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		2	*		2	*
CONGENITAL ANOMALIES OF FETUS		3	*		3	*
UNDERLYING CAUSE OF DEATH		50	100.0		48	100.0

¹ 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, 1991

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED
MEDICAL RISK FACTORS FOR THIS PREGNANCY						
ANEMIA	59,129	959	1.6	27,864	737	2.6
CARDIAC DISEASE	59,129	199	0.3	27,864	122	0.4
ACUTE OR CHRONIC LUNG DISEASE	59,129	208	0.4	27,864	161	0.6
DIABETES	59,129	907	1.5	27,864	771	2.8
GENITAL HERPES	46,933	139	0.3	24,608	126	0.5
HYDRAMINOS/OLIGOHYDRAMINOS	49,092	978	2.0	26,666	920	3.5
HEMOGLOBINOPATHY	49,092	63	0.1	26,666	56	0.2
HYPERTENSION, CHRONIC	59,129	671	1.1	27,864	582	2.1
HYPERTENSION, PREGNANCY-ASSOCIATED	59,129	1,043	1.8	27,864	998	3.6
ECLAMPSIA	59,129	175	0.3	27,864	158	0.6
INCOMPETENT CERVIX	49,092	675	1.4	26,666	554	2.1
PREVIOUS INFANT 4000+ GRAMS	49,092	245	0.5	26,666	227	0.9
PREVIOUS PRETERM OR SMALL-FOR-GESTATIONAL-AGE INFANT	59,129	779	1.3	27,864	683	2.5
RENAL DISEASE	59,129	154	0.3	27,864	129	0.5
RH SENSITIZATION	58,920	237	0.4	27,658	170	0.6
UTERINE BLEEDING	56,970	5,081	8.9	25,806	1,067	4.1

¹ 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, 1991

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED
OBSTETRIC PROCEDURES						
AMNIOCENTESIS	59,129	1,907	3.2	27,864	1,702	6.1
ELECTRONIC FETAL MONITORING	59,129	7,268	12.3	27,864	6,682	24.0
INDUCTION OF LABOR	59,129	7,426	12.6	27,864	6,786	24.4
STIMULATION OF LABOR	59,129	2,284	3.9	27,864	2,061	7.4
TOCOLYSIS	59,129	854	1.4	27,864	798	2.9
ULTRASOUND	57,691	24,807	43.0	26,461	13,637	51.5

¹ 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, 1991

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED
COMPLICATIONS OF LABOR AND/OR DELIVERY						
FEBRILE	59,129	1,330	2.2	27,864	1,092	3.9
MECONIUM, MODERATE/HEAVY	59,129	1,404	2.4	27,864	1,384	5.0
PREMATURE RUPTURE OF MEMBRANE	59,129	2,517	4.3	27,864	2,056	7.4
ABRUPTIO PLACENTA	59,129	2,407	4.1	27,864	2,263	8.1
PLACENTA PREVIA	59,129	306	0.5	27,864	264	0.9
OTHER EXCESSIVE BLEEDING	59,129	672	1.1	27,864	376	1.3
SEIZURES DURING LABOR	59,129	42	0.1	27,864	39	0.1
PRECIPITOUS LABOR	59,129	362	0.6	27,864	334	1.2
PROLONGED LABOR	59,129	169	0.3	27,864	157	0.6
DYSFUNCTIONAL LABOR	59,129	201	0.3	27,864	191	0.7
BREECH/MALPRESENTATION	58,920	3,099	5.3	27,658	2,897	10.5
CEPHALOPELVIC DISPROPORTION	46,933	150	0.3	24,608	147	0.6
CORD PROLAPSE	59,129	647	1.1	27,864	586	2.1
ANESTHETIC COMPLICATIONS	56,970	26	0.0	25,806	21	0.1
FETAL DISTRESS	56,970	675	1.2	25,806	647	2.5

¹ TOTAL NUMBER OF FETAL DEATHS TO RESIDENTS OF AREAS REPORTING SPECIFIC CHECKBOX ITEMS.
 0.0 QUANTITY MORE THAN ZERO BUT LESS THAN 0.05

FETAL DEATH DOCUMENTATION TABLE 14

NUMBER AND PERCENT OF FETAL DEATHS WITH SPECIFIC CHECKBOX ITEMS REPORTED BY PLACE OF RESIDENCE FOR THE UNITED STATES, 1991

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED
METHOD OF DELIVERY						
VAGINAL	49,092	33,993	69.2	26,666	21,550	80.8
VAGINAL BIRTH AFTER PREVIOUS C-SECTION	49,092	795	1.6	26,666	718	2.7
PRIMARY C-SECTION	49,092	1,737	3.5	26,666	1,711	6.4
REPEAT C-SECTION	49,092	716	1.5	26,666	702	2.6
FORCEPS	49,092	644	1.3	26,666	399	1.5
VACUUM	49,092	2,281	4.6	26,666	334	1.3
HYSTEROTOMY/HYSTERECTOMY	37,995	150	0.4	19,407	111	0.6

¹ 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, 1991

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED
CONGENITAL ANOMALIES OF FETUS						
ANENCEPHALUS	43,698	392	0.9	24,918	350	1.4
SPINA BIFIDA/MENINGOCELE	43,698	172	0.4	24,918	149	0.6
HYDROCEPHALUS	43,698	256	0.6	24,918	240	1.0
MICROCEPHALUS	43,698	38	0.1	24,918	34	0.1
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES	43,698	249	0.6	24,918	204	0.8
HEART MALFORMATIONS	43,698	262	0.6	24,918	254	1.0
OTHER CIRCULATORY/RESPIRATORY ANOMALIES	43,698	225	0.5	24,918	198	0.8
RECTAL ATRESIA/STENOSIS	43,698	23	0.1	24,918	22	0.1
TRACHEO ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA	43,698	32	0.1	24,918	32	0.1
OMPHALOCELE/GASTROSCHISIS	43,698	169	0.4	24,918	147	0.6
OTHER GASTROINTESTINAL ANOMALIES ..	43,698	125	0.3	24,918	104	0.4
MALFORMED GENITALIA	43,698	72	0.2	24,918	68	0.3
RENAL AGENESIS	43,698	105	0.2	24,918	96	0.4
OTHER UROGENITAL ANOMALIES	43,698	170	0.4	24,918	144	0.6
CLEFT LIP/PALATE	43,698	201	0.5	24,918	190	0.8
POLYDACTYLY/SYNDACTYLY/ADACTYLY ..	43,698	128	0.3	24,918	117	0.5
CLUB FOOT	43,698	126	0.3	24,918	113	0.5
DIAPHRAGMATIC HERNIA	43,698	32	0.1	24,918	28	0.1
OTHER MUSCULOSKETAL/INTEGUMENTAL ANOMALIES	43,698	296	0.7	24,918	255	1.0
DOWN'S SYNDROME	43,698	145	0.3	24,918	126	0.5
OTHER CHROMOSOMAL ANOMALIES	43,698	380	0.9	24,918	328	1.3

¹ TOTAL NUMBER OF FETAL DEATHS TO RESIDENTS OF AREAS REPORTING SPECIFIC CHECKBOX ITEMS.

1991 ADDENDUM TO "TECHNICAL APPENDIX" OF VITAL STATISTICS OF THE UNITED STATES, 1989, VOLUME II, MORTALITY, PART A

To assist the users of the mortality public-use data tapes, attached is a copy of the "Technical Appendix" of the Vital Statistics of the United States, 1989, Volume II, Mortality, Part A. This technical appendix provides certain qualifications that are essential to using, analyzing, and interpreting the data on those tapes. Certain modifications to the attached technical appendix are essential to make it applicable to the mortality file for the 1991 data year. Those modifications, which will appear in the printed version of the 1991 technical appendix, include the following:

I. Source of data

State-coded medical data:

1991

Arkansas

For 1991, of the States in the VSCP, 31 States submitted precoded medical data for all death certificates on computer tape. NCHS contracted with Colorado, Kansas, and Mississippi to precode medical data for all deaths on computer tape for the five States that were added in 1988. In addition, Delaware, Idaho, Maine, North Dakota, Vermont, and Wyoming contracted with a private company to provide the precoded medical data. Kansas continued to precode the medical data for Alaska.

The remaining 19 VSCP States, New York City, and the District of Columbia submitted copies of the original certificates from which NCHS coded the medical data

All States submitted precoded demographic data for all death certificates on computer tape in 1991.

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

II. Classification of data

A. Automated selection of underlying cause of death:

Prior to data for 1968, mortality medical data were based on manual coding of an underlying cause of death for each certificate in accordance with WHO rules. Effective with data year 1968, NCHS converted to computerized coding of the underlying cause and manual coding of all causes (multiple causes) on the death certificate. In this system, called "Automated Classification of Medical Entities" (ACME), the multiple cause codes serve as inputs to the computer

software that employs WHO rules to select the underlying cause. Since 1968, many States also have implemented ACME and provide multiple cause and underlying cause data to NCHS in electronic form.

Beginning with data year 1990, another computer system was implemented. This system, called "Mortality Medical Indexing, Classification, and Retrieval" (MICAR) (1,2), automates the coding of the multiple causes of death. In addition, MICAR ultimately can provide more detailed information on the conditions reported on the death certificates than is available through the International Classification of Diseases (ICD) code structure. In the first year of implementation, only about 5 percent (94,372) of the nation's death records were coded using MICAR with subsequent processing through ACME. For 1991, approximately 26 percent (573,416) of the nation's death records were coded using MICAR. The following States implemented MICAR on at least a portion of their 1991 data: Arkansas, Florida, Indiana, and Washington. NCHS expanded the use of MICAR to code at least a portion of the death records from the following States: Alabama, Connecticut, Hawaii, Kentucky, Missouri, Montana, Nevada, New Mexico, Ohio, Oregon, Rhode Island, South Dakota, Tennessee, Utah, West Virginia, the District of Columbia, and New York City. The remainder of the national file was processed by either NCHS or States using only the ACME system.

B. Hispanic origin.

Data for 1991 were obtained from the District of Columbia and all States except New Hampshire, and Oklahoma, which were excluded because their death certificates did not include an item to identify Hispanic or ethnic origin.

For 1991, mortality data published in Vital Statistics of the United States (VSUS) tables 1-37, 1-38, 1-43, 1-44, and 2-21 are based on deaths to residents of all 47 States, New York State (excluding New York City), and the District of Columbia whose data were at least 90 percent complete on a place-of-occurrence basis. Data for New York City were excluded because more than 10 percent of its death certificates were classified to "unknown origin." Because about half of the deaths to Puerto Ricans are accounted for by New York City, the resulting mortality data may not be comparable with that of previous years.

Infant mortality—In tables 2-22, 2-23, 2-24, and 2-25 the data are based on deaths to residents of the same 47 States, New York State (excluding New York City), 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. 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 was 1.6 and the percent of live births of unknown origin was 0.8 for the 47 States, New York State (excluding New York City), and the District of Columbia for 1991, infant mortality rates by specified Hispanic origin and race for non-Hispanic origin may be underestimated.

Infant mortality rates by Hispanic origin may be biased, because of inconsistencies in reporting Hispanic or ethnic origin between the birth and death certificates for the same infant. Estimates of reporting bias have been made by comparing rates based on the linked file of infant deaths and live births with those where the Hispanic or ethnic origin of infant death is based on information from the death certificate (3).

In 1990 the 47 States, New York State (excluding New York City), and the District of Columbia accounted for about 91 percent of the Hispanic population in the United States, including about 99 percent of the Mexican population, 63 percent of the Puerto Rican population, 94 percent of the Cuban population, and 83 percent of the "Other Hispanic" population (4).

C. Educational attainment.

Mortality data on educational attainment for 1991 in VSUS table 1-45 are based on deaths to residents of 44 States, New York State (excluding New York City), and the District of Columbia. Data for five States (Georgia, Oklahoma, Rhode Island, South Dakota, and Washington) are excluded from this table because their death certificates did not include an educational attainment item and for New York City data are excluded because the education item on its death certificate was considered not sufficiently comparable to be used for analysis.

In tables 1-46 and 1-47 the data are based on deaths to residents of 30 States, New York State, (excluding New York City), and the District of Columbia whose data were at least 90 percent complete on a place-of-occurrence basis. These 30 States are Alabama, Arizona, California, Colorado, Delaware, Florida, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, New Hampshire, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, Texas, Utah, Vermont, Wisconsin, and Wyoming. Data for Alaska, Arkansas, Connecticut, Kentucky, Maine, Maryland, Mississippi, Nevada, New Jersey, New Mexico, North Carolina, Tennessee, Virginia, and West Virginia are excluded because more than 10 Percent of their death certificates were classified to "unknown educational attainment."

D. Occupation and industry.

Deaths by occupation and industry are included on the 1991 public-use data tapes. These data were included for the first time for 1985. These data were obtained from the following items that appear on the U.S. Standard Certificate of Death:

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

The occupation and industry mortality data were provided to NCHS by the following 21 reporting States:

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

These data were coded using the NCHS Part 19 instruction manual (5). The occupation and industry titles corresponding to the 3-digit occupation codes and the 3-digit industry codes are shown in a Bureau of the Census publication (6). In addition to the codes shown in Census publication, the following special codes were created:

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

Special summary occupation and industry lists were created and are shown elsewhere in this documentation. Also, a special cause-of-death list was created including possible occupationally-related causes of death. This list is the List of 52 selected causes shown elsewhere in this documentation.

The 1991 occupation and industry mortality data will not appear in Vital Statistics of the United States, 1991.

III. Quality of data:

Alaska Data

Numbers of deaths occurring in Alaska for 1980-1991 are in error for selected causes because NCHS did not receive changes resulting from amended records. Differences are concentrated among selected causes of death, principally Symptoms, signs, and ill-defined conditions (ICD-9 Nos. 780-799) and external causes, including Accidents and adverse effects (ICD-9 Nos. E800-E949), Suicide (ICD-9 Nos. E950-E959), and Homicide and legal intervention (ICD-9 Nos. E960-E978).

IV. Population bases for computing rates:

The Population used for computing death rates (furnished by the U.S. Bureau of the Census) represents the population residing in the specified area. Death rates for 1991 are based on populations estimates as of July 1, 1991 (7,8). The estimates are based on the 1990 census counts. The 1990 census counts by race were modified to be consistent with Office of Management and Budget categories and historical categories for death data.

Death rates and life table values for 1981-89 have been recomputed, based on revised populations for those years that are consistent with the 1990 census levels (9,10). They are, therefore, not comparable with death rates and life table values published in other NCHS publications for those years.

References

1. National Center for Health Statistics. Vital statistics, data entry instructions for the mortality medical indexing, classification, and retrieval system (MICAR). NCHS instruction manual; part 2g. Hyattsville, Maryland: Public Health Service. Published annually.
2. National Center for Health Statistics. Vital statistics, dictionary of valid terms for the mortality medical indexing, classification, and retrieval system (MICAR). NCHS instruction manual; part 2h. Hyattsville, Maryland: Public Health Service. Published annually.
3. National Center for Health Statistics. Technical appendix. Vital statistics of the United States, 1989, vol II, mortality, part A. Washington: Public Health Service. 1993.
4. U.S. Bureau of the Census: Unpublished data from the 1990 census for persons of Spanish origin by State.
5. National Center for Health Statistics: Industry and occupation coding for death certificates, 1990. NCHS instruction manual, Part 19. Hyattsville, Maryland: Public Health Service. 1990
6. U.S. Bureau of the Census: Classified index of industries and occupations. 1980 Census of Population. Washington: U.S. Department of Commerce. 1982.
7. U.S Bureau of the Census: United States population estimates, by age, sex, race, and Hispanic origin: 1980 to 1991 . Current population reports; series P-25, no 1095. Washington: U.S. Department of Commerce. 1993
8. U.S. Bureau of the Census: Unpublished estimates for 1991, by State.
9. U.S Bureau of the Census: Unpublished data from the 1990 census, by age, sex, race, and Hispanic origin. 1990 CPH-1-74
10. U.S. Bureau of the Census: Unpublished data from the 1990, by State.

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 (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. $N-2\sqrt{N}$ and $N+2\sqrt{N}$
covers the "true" rate.

2. $R-2\frac{R}{\sqrt{N}}$ and $R+2\frac{R}{\sqrt{N}}$
covers the "true" rate.

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

$$2\sqrt{\frac{R_1^2}{N_1} + \frac{R_2^2}{N_2}}$$

For example, if the observed death rate for 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

$$2\sqrt{\frac{(10.0)^2}{20} + \frac{(15.0)^2}{25}}$$

of the two rates, which 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)-----	*

REFERENCES

1. Tolson GC, Barnes JM, Gay GA, Kowaleski JL. The 1989 revision of the U.S. standard certificates and reports. National Center for Health Statistics. Vital Health Stat 4(28). 1991.
2. National Center for Health Statistics. Vital statistics, classification and coding instructions for fetal death records. NCHS Instruction Manual; part 3b. Hyattsville, Maryland: Public Health Service. Published annually.
3. National Center for Health Statistics. Vital statistics, demographic classification and coding instructions for death records, 1989. NCHS Instruction Manual; part 4. Hyattsville, Maryland: Public Health Service. Published annually.
4. McCarthy MA. Comparison of the classification of place of residence on death certificates and matching census records: United States, May-August 1960. National Center for Health Statistics, Vital and Health Statistics 2(30). 1969.
5. National Vital Statistics Division, Matched record comparison of birth certificate and census information, United States, 1950. Vital Statistics-Special Reports; vol 47 no 12. Washington, D.C.: Public Health Service. 1962.
6. National Center for Health Statistics. Vital statistics, vital records geographic classification, 1982. NCHS Instruction Manual; part 8. Hyattsville, Maryland: Public Health Service. 1985.
7. U.S. Office of Management and Budget. Standard metropolitan statistical area and standard consolidated areas. Statistical Reporter. Washington: U.S. Government Printing Office, 1981, pp. 1-20.

8. U.S. Office of Management and Budget. 36 new standard metropolitan statistical areas. Statistical Reporter. Washington: U.S. Government Printing Office, 420. 1981.
9. U.S. Office of Management and Budget. Standard Metropolitan Statistical Areas, rev. ed. Washington: U.S. Government Printing Office, 1975, pp. 89-90. 1975.
10. U.S. Bureau of the Census. 1980 Census of Population. Persons of Spanish Origin by State, 1980. Supplementary Report; PC80-S1-7. Washington: U.S. Department of Commerce. 1982.
11. Klebba AJ. Mortality from selected causes by marital status: United States, Parts A & B. National Center for Health Statistics. Vital and Health Statistics Series 20(8a), Series 20(8b). 1970.
12. World Health Organization. Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death, based on the recommendations of the Ninth Revision Conference, 1975. Geneva: World Health Organization, 1977.
13. National Center for Health Statistics. Estimates of selected comparability ratios based on dual coding of 1976 death certificates by the Eighth and Ninth Revisions of the International Classification of Diseases. Monthly Vital Statistics Report; vol 28 no 11 Suppl. 80-1120. Hyattsville, Maryland: Public Health Service. 1980.
14. Gittelsohn A, Royston PN. Annotated bibliography of cause-of-death validation studies, 1958-80. National Center for Health Statistics. Vital and Health Statistics 2(89). 1982.
15. National Center for Health Statistics. Instructions for classifying multiple causes of death, 1989. NCHS Instruction Manual; part 2b. Hyattsville, Maryland: Public Health Service. Published annually.
16. National Center for Health Statistics. Nonindexed terms, standard abbreviations, and state geographic codes used in mortality data classification, 1989. NCHS Instruction Manual; part 2e. Hyattsville, Maryland: Public Health Service. Published annually.
17. National Center for Health Statistics. Vital statistics, ICD-9 ACME decision tables for classifying underlying causes of death, 1989. NCHS Instruction Manual; part 2c. Hyattsville, Maryland: Public Health Service. Published annually.

18. Guralnick, L, Winter ED. A note on cohort infant mortality rates. Public Health Rep. 80:692-94; 1965.
19. Grove RD, Hetzel AM. Vital Statistics Rates in the United States, 1940-1960. Public Health Service. Washington: National Center for Health Statistics. 1968.
20. McCarthy B, Terry J, Rochat R et. al. The underregistration of neonatal deaths: Georgia 1974-77. Am J Public Health 70:977-82. 1980.
21. Linder FE, Grove RD. Vital Statistics Rates in the United States, 1900-1940. Washington: National Office of Vital Statistics. 1947.
22. Frost F, Shy KK. Racial differences between linked birth and infant death records in Washington State. Am J Public Health 70:974-76. 1980.
23. Prager K, Flinchum GA, Johnson DP. The NCHS pilot project to link birth and infant death records: Stage 1. Public Health Report 102:216-223. 1987.
24. National Center for Health Statistics. Public use data tape documentation. Linked birth/infant death data set: 1983 birth cohort; 1984 birth cohort; 1984 birth cohort. Hyattsville, Maryland: Public Health Service. 1989, 1990.
25. National Office of Vital Statistics. International Recommendations on Definitions of Live Birth and Fetal Death. PHS Pub. No. 39. Public Health Service. Washington: U.S. Government Printing Office, 1950.
26. National Center for Health Statistics. State Definitions and Reporting Requirements for Live Births, Fetal Deaths, and Induced Terminations of Pregnancy. DHHS Pub. No. (PHS) 81-1119. Washington: Public Health Service. 1981.
27. National Center for Health Statistics. Model State Vital Statistics Act and Model State Vital Statistics Regulations. DHEW Pub. No. (PHS) 78-1115. Washington: Public Health Service. 1978.
28. Greb AE, Pauli RM, Kirby RS. Accuracy of fetal death reports: Comparison with data from an independent stillbirth assessment program. Am J Public Health 77:1,202-06. 1987.
29. National Center for Health Statistics. Editing specifications for fetal death records. unpublished manuscript. Hyattsville, Maryland: Public Health Service. 1991.

30. National Center for Health Statistics. Vital statistics, computer edits for mortality data, effective 1989. NCHS Instruction Manual; part 11. Hyattsville, Maryland: Public Health Service. 1989.
31. U.S. Bureau of the Census. United States population estimates, by age, sex, and race: 1980 to 1985. Current Population Reports; series P-25, no 985. Washington: U.S. Department of Commerce. 1986.
32. U.S. Bureau of the Census. Coverage of the national population in the 1980 census by age, sex, and race. Preliminary estimates by demographic analysis. Current Population Reports; series P-23, no 115. Washington: U.S. Department of Commerce. 1982.
33. U.S. Bureau of the Census. United States population estimates, by age, sex, and race: 1989. Current population report; series P-25, no 1057. Washington: U.S. Department of Commerce. 1990.
34. National Center for Health Statistics, Hambricht TZ. Comparability of age on the death certificate and matching census records; United States, May-August 1960. Vital and Health Statistics 2(29). 1968.
35. U.S. Bureau of the Census. Estimates of coverage of the population by sex, race, and age--demographic analysis: 1970 Census of Population and Housing. PHC(E)-4. Washington: U.S. Government Printing Office, 1974.
36. U.S. Bureau of the Census. Developmental estimates of the coverage of the population of States in the 1970 census--demographic analysis. Current Population Reports; series P-23, no 65. Washington: U.S. Government Printing Office. 1977.
37. Passel JS, Robinson JG. Revised demographic estimates of the coverage of the population by age, sex, and race in the 1980 Census. Unpublished memorandum, U.S. Bureau of the Census. Washington, D.C., Apr. 8, 1985.
38. Sirken MG. Comparison of two methods of constructing abridged life tables by reference to a "standard" table. National Center for Health Statistics. Vital and Health Statistics 2(4). 1966.
39. National Office of Vital Statistics, Greville TNE, Carlson GA. Estimated average length of life in the death-registration States. Vital statistics--Special Reports. Vol 33, No 9. Washington, D.C.: Public Health Service. 1951.

40. National Office of Vital Statistics, Chiang CL. Standard error of the age-adjusted death rate. Vital Statistics--Special Reports. Vol 47, No 9. Washington, D.C.: Public Health Service. 1961.

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	<u>Perinatal definition</u>		
						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 ¹	9.1	8.4	0.9
Non-Hispanic total ²	10.0	10.1	1.01
White	8.6	8.3	0.97
Black	16.9	17.8	1.05

¹Includes Central and South American, and other and unknown Hispanic.

²Includes 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 ¹						
Arkansas	X ²								
California			X						
Colorado	X ²								
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 ²								
Maryland			X ³						
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 ⁴						
Pennsylvania		X							
Rhode Island	X								
South Carolina				X					
South Dakota									X
Tennessee									X ⁵
Texas			X						
Utah			X						
Vermont			X ⁶						
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 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,</u> <u>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</u> <u>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,</u> <u>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 <u>National Office of Vital Statistics, Vital Statistics Rates in the United States,1900-1940,</u> <u>1947.</u>
1920-29.....	National Office of Vital Statistics, <u>Vital Statistics Rates in the United States,1900-1940,</u> <u>1947.</u>
1917-19.....	Same as for 1930-39
1900-1916...	Same as for 1920-29

