

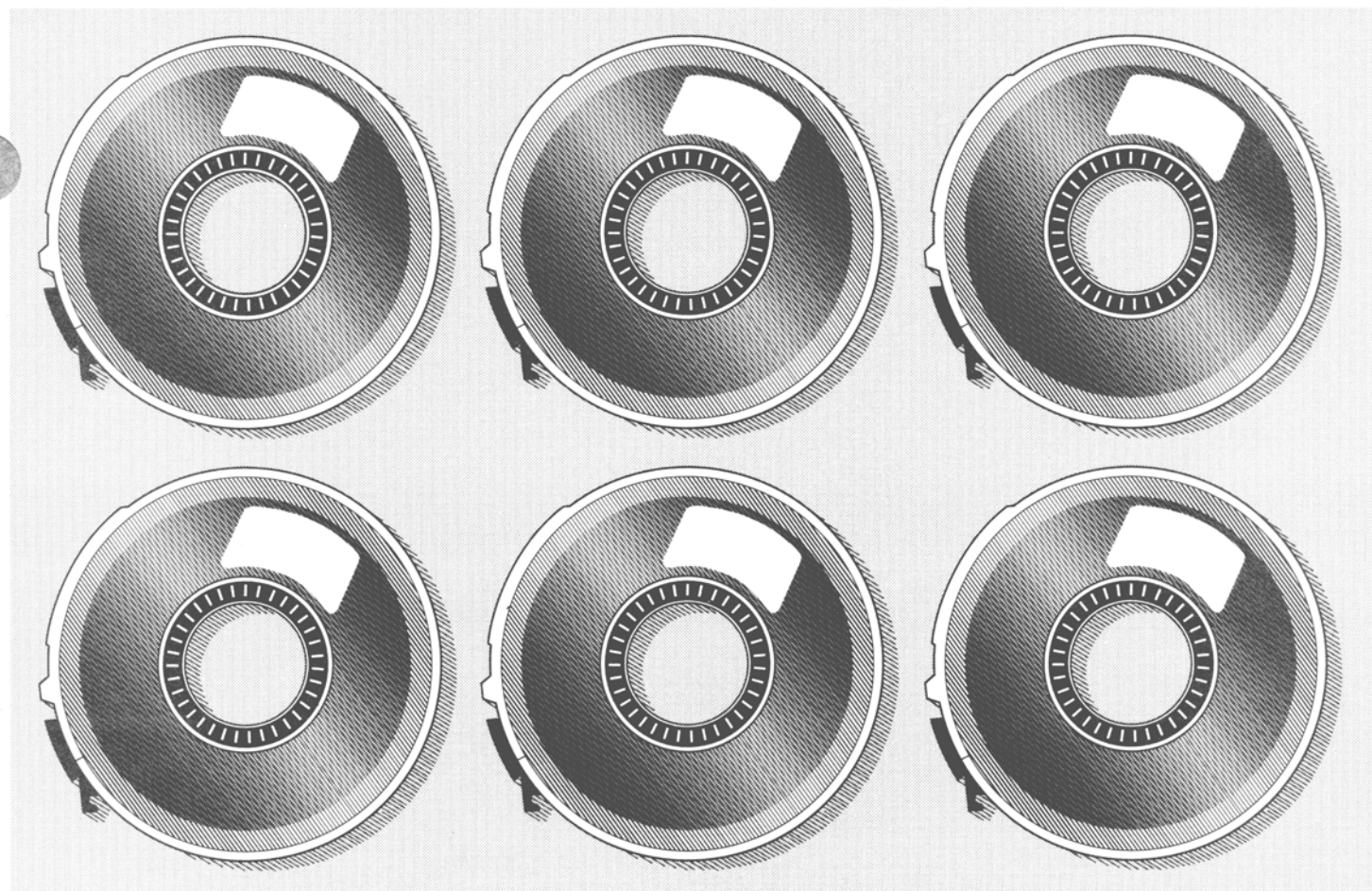
---

# Public Use Data Tape Documentation

---

1992 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

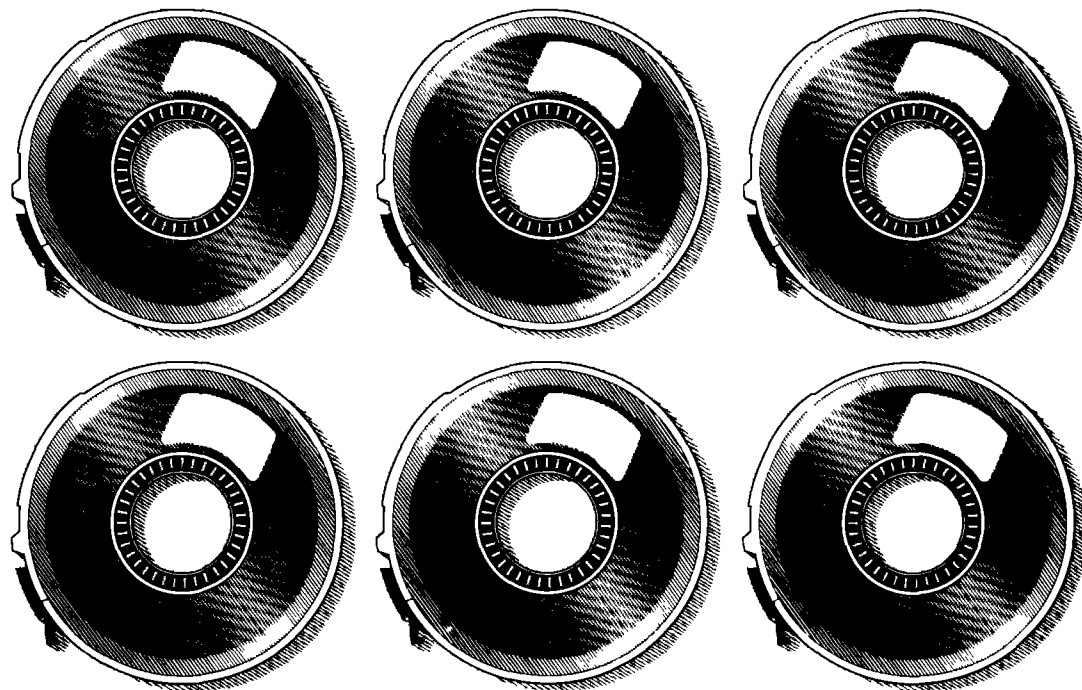


---

# Public Use Data Tape Documentation

---

1992 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

## Documentation of the Fetal Death Tape File for 1992 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 1992 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 MSA	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 CMSA	53-54
n. FIPS MSA	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	69-75, 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:	70,929
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: 70,929
	b.	By residence: 70,871
	c.	To foreign residents: 58
		20 WEEKS AND OVER:
	a.	By occurrence: 30,284
	b.	By residence: 30,256
	c.	To foreign residents: 28

1992 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>  1992      ...      1992
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.



1992 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

**1992 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

1992 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

1992 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

**1992 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

**1992 FETAL DEATHS  
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
17-18	2	<u>STATEFET</u> <u>State of Occurrence Cont'd</u>
		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
19-21	3	<u>CNTYFET</u> <u>County of Occurrence</u>
		001-nnn   ... Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State and identify each county with a population of 100,000 or more in 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.

**1992 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</u>  <u>(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>

**1992 FETAL DEATHS  
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
22-23	2	<p><u>STOCCFIP</u> <u>State of Occurrence (Cont'd)</u></p> <p>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</p>
24-26	3	<p><u>CNTOCFIP</u> <u>County of Occurrence (FIPS)</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 the State  and county codes must be used.) A  complete list of counties is shown  in the Geographic Code Outline  further back in this document.</p>
27	1	<p><u>CNTOCPOP</u> <u>Population Size of County of Occurrence</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</p>



**1992 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>RDESCRES</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

1992 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

**1992 FETAL DEATHS  
DETAIL RECORD**

**Item  
Location**

**Item  
Length**

**Variable Name,  
Item and Code Outline**

31-32

2

**STRESEXP  
Expanded State of Residence**

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

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

1992 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>
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

1992 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

**1992 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>

**1992 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>

1992 FETAL DEATHS  
 DETAIL RECORD

Item  
Location

Item  
Length

Variable Name,  
Item and Code Outline

43-44

2

STRESFIP  
State of Residence (Cont'd)

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



**1992 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

**1992 FETAL DEATHS  
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
55-58	4	<p><b><u>SMSARFIP</u></b> <b><u>PMSA/MSA of Residence (FIPS)</u></b></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><b><u>CNTRSPOP</u></b> <b><u>Population Size of County of Residence</u></b></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><b><u>RIA</u></b> <b><u>Reserved Positions</u></b></p>
69	1	<p><b><u>MAGERFLG</u></b> <b><u>Reported Age of Mother Used Flag</u></b></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><b><u>MAGEIMP</u></b> <b><u>Age of Mother Imputation Flag</u></b></p> <p>Blank           ...    Age is not imputed 1               ...    Age is imputed</p>
71-72	2	<p><b><u>DMAGE</u></b> <b><u>Age of Mother</u></b></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>

**1992 FETAL DEATHS  
DETAIL RECORD**

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

1992 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>Beginning with 1992 data, some areas started reporting additional Asian or Pacific Islander codes for race. Codes 18-68 replace old code 08 for these areas. Code 78 replaces old code 08 for all other areas. For consistency with Census races code 09 (all other races) used prior to 1992 has been imputed.</p> <p>01 ... White            02 ... Black            03 ... American Indian (includes Aleuts and Eskimos)            04 ... Chinese            05 ... Japanese            06 ... Hawaiian (includes part-Hawaiian)            07 ... Filipino            18 ... Asian Indian            28 ... Korean            38 ... Samoan            48 ... Vietnamese            58 ... Guamanian            68 ... Other Asian or Pacific Islander in areas reporting codes 18-58            78 ... Combined other Asian or Pacific Islander, includes codes 18-68 for areas that do not report them separately</p>

**1992 FETAL DEATHS  
DETAIL RECORD**

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

1992 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>NLENL</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>NLEND</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>

1992 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            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            1 ... One            2 ... Two            3 ... Three            4 ... Four            5 ... Five            6 ... Six            7 ... Seven            8 ... Eight or more            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            99 ... Unknown total birth order</p>

**1992 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



1992 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>

**1992 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>  1991        ...    1991 1992        ...    1992 9999        ...    Unknown or not stated year of LMP

**1992 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>  1900-1992 ... 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

**1992 FETAL DEATHS  
DETAIL RECORD**

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

1992 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>Beginning with 1992 data, some areas started reporting additional Asian or Pacific Islander codes for race. Codes 18-68 replace old code 08 for these areas. Code 78 replaces old code 08 for all other areas. Code 09 (all other races) used prior to 1992 has been changed to 99.</p> <p>01 ... White 02 ... Black 03 ... American Indian (includes Aleuts and Eskimos) 04 ... Chinese 05 ... Japanese 06 ... Hawaiian (includes part-Hawaiian) 07 ... Filipino 18 ... Asian Indian 28 ... Korean 38 ... Samoan 48 ... Vietnamese 58 ... Guamanian 68 ... Other Asian or Pacific Islander in areas reporting codes 18-58 78 ... Combined other Asian or Pacific Islander, includes codes 18-68 for areas that do not report them separately 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>

1992 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
170-171	2	<p><u>DFEDUC</u> <u>Education of Father</u></p> <p>Education is not reported by all areas. See reporting flags</p> <p>00 ... No formal education 01-08 ... Years of elementary school 09 ... 1 year of high school 10 ... 2 years of high school 11 ... 3 years of high school 12 ... 4 years of high school 13 ... 1 year of college 14 ... 2 years of college 15 ... 3 years of college 16 ... 4 years of college 17 ... 5 or more years of college 99 ... Non stated</p>
172	1	<p><u>FEDUC6</u> <u>Education of Father Recode</u></p> <p>Education is not reported by all areas. See reporting flags</p> <p>1 ... 0 - 8 years 2 ... 9 - 11 years 3 ... 12 years 4 ... 13 - 15 years 5 ... 16 years and over 6 ... Not stated</p>
173-174	2	<p><u>DFAGERPT</u> <u>Reported Age of Father</u></p> <p>10-98 ... Age in single years 99 ... Unknown or not stated</p>
175-183	9	<p><u>R4</u> <u>Reserved Positions</u></p>
184	1	<p><u>FDODMIMP</u> <u>Month of Delivery Imputation Flag</u></p> <p>Blank ... Month is not imputed 1 ... Month is imputed</p>

1992 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>  1992           ...    1992
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

**1992 FETAL DEATHS  
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
195	1	<p><b><u>GESTESTM</u></b>  <b><u>Clinical Estimate of Gestation Used Flag</u></b></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><b><u>GESTIMP</u></b>  <b><u>Gestation Imputation Flag</u></b></p> <p>Blank       ...     Gestation is not imputed  1            ...     Gestation is imputed</p>
197-198	2	<p><b><u>DGESTAT</u></b>  <b><u>Gestation</u></b></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>



**1992 FETAL DEATHS  
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
199-200	2	<p><b><u>GESTAT12</u></b> <b><u>Gestation Recode 12</u></b></p> <p>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</p>
201	1	<p><b><u>GESTAT5</u></b> <b><u>Gestation Recode 5</u></b></p> <p>1            ...   Under 20 weeks            2            ...   20-23 weeks            3            ...   24-27 weeks            4            ...   28 weeks and over            5            ...   Unknown</p>
202	1	<p><b><u>FSEXIMP</u></b> <b><u>Sex Imputation Flag</u></b></p> <p>Sex is imputed only for those records with stated or presumed period of gestation of 20 weeks or more.</p> <p>Blank       ...   Sex is not imputed            1            ...   Sex is imputed</p>
203	1	<p><b><u>FSEX</u></b> <b><u>Sex</u></b></p> <p>1            ...   Male            2            ...   Female            9            ...   Unknown or not stated</p>

**1992 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>Beginning with 1992 data, some areas started reporting additional Asian or Pacific Islander codes for race. Codes 18-68 replace old code 08 for these areas. Code 78 replaces old code 08 for all other areas.</p> <p>01 ... White            02 ... Black            03 ... American Indian (includes Aleuts and Eskimos)            04 ... Chinese            05 ... Japanese            06 ... Hawaiian (includes part-Hawaiian)            07 ... Filipino            18 ... Asian Indian            28 ... Korean            38 ... Samoan            48 ... Vietnamese            58 ... Guamanian            68 ... Other Asian or Pacific Islander in areas reporting codes 18-58            78 ... Combined other Asian or Pacific Islander. Includes codes 18-68 for areas that do not report them separately</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>

**1992 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>

**1992 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>

1992 FETAL DEATHS  
DETAIL RECORD

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

1992 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>

**1992 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

**1992 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



1992 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>

**1992 FETAL DEATHS  
DETAIL RECORD**

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

1992 FETAL DEATHS  
DETAIL RECORD

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

1992 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>

1992 FETAL DEATHS  
 DETAIL RECORD

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

1992 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

1992 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
341-356	16	<u>R8A</u> <u>Reserved Positions</u>
357-359	3	<u>SMSARES</u> <u>NCHS Primary Metropolitan Statistical Area (PMSA/MSA) 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>PMSA/MSA Population Size</u>  Based on the results of the 1990 Census.  1 ... MSA of 250,000 and over 2 ... MSA of 100,000 to 250,000 9 ... MSA of less than 100,000 or Nonmetropolitan area Z ... Foreigh resident

Vital Statistics Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						Page 1	
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	Prattville, part		
				999	Balance of county		
	002	192	1	999	Baldwin	003	5160
	003	000	2		Barbour	005	0000
				013	Eufaula		
				999	Balance of county		
	004	000	2	999	Bibb	007	0000
	005	037	1	999	Blount	009	1000
	006	000	2	999	Bullock	011	0000
	007	000	2	999	Butler	013	0000
	008	015	1		Calhoun	015	0450
				004	Anniston		
				999	Balance of county		
	009	000	2	999	Chambers	017	0000
	010	000	2	999	Cherokee	019	0000
	011	000	2	999	Chilton	021	0000
	012	000	2	999	Choctaw	023	0000
	013	000	2	999	Clarke	025	0000
	014	000	2	999	Clay	027	0000
	015	000	2	999	Cleburne	029	0000
	016	000	2		Coffee	031	0000
				012	Enterprise, part		
				999	Balance of county		
	017	100	1		Colbert	033	2650
				034	Sheffield		
				999	Balance of county		
	018	000	2	999	Conecuh	035	0000
	019	000	2	999	Coosa	037	0000
	020	000	2		Covington	039	0000
				003	Andalusia		
				999	Balance of county		
	021	000	2	999	Crenshaw	041	0000
	022	000	2		Cullman	043	0000
				009	Cullman		
				999	Balance of county		
	023	085	1		Dale	045	2180
				011	Dothan, part		
				012	Enterprise, part		
				028	Ozark		
				999	Balance of county		
	024	000	2		Dallas	047	0000
				033	Selma		
				999	Balance of county		
	025	000	2		De Kalb	049	0000
				016	Fort Payne		
				999	Balance of county		
	026	196	1		Elmore	051	5240
				030	Prattville, part		
				999	Balance of county		
	027	000	2	999	Escambia	053	0000
	028	111	1		Etowah	055	2880
				017	Gadsden		
				999	Balance of county		
	029	000	2	999	Fayette	057	0000
	030	000	2	999	Franklin	059	0000
	031	000	2	999	Geneva	061	0000
	032	000	2	999	Greene	063	0000
	033	000	2	999	Hale	065	0000
	034	000	2	999	Henry	067	0000
	035	085	1		Houston	069	2180
				011	Dothan, part		
				999	Balance of county		
	036	000	2		Jackson	071	0000
				032	Scottsboro		
				999	Balance of county		
	037	037	1		Jefferson	073	1000
				007	Bessemer		
				008	Birmingham		
				014	Fairfield		
				018	Homewood		
				019	Hoover, part		
				020	Hueytown		
				025	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

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
03			Arizona	04	
	001	000 2	999 9 Apache		001 0000
	002	000 2	003 6 Cochise		003 0000
			014 5 Douglas		
			999 9 Sierra Vista		
			Balance of county		
	003	000 2	004 5 Coconino		005 0000
			999 9 Flagstaff		
			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		

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

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		Quachita	103 0000
			004 6	Camden	
			999 9	Balance of county	
053	000	2	999 9	Perry	105 0000
054	000	2		Phillips	107 0000
			028 6	West Helena	
			999 9	Balance of county	
055	000	2	999 9	Pike	109 0000
056	000	2	999 9	Poinsett	111 0000
057	000	2	999 9	Polk	113 0000
058	000	2		Pope	115 0000
			021 6	Russellville	
			999 9	Balance of county	
059	000	2	999 9	Prairie	117 0000
060	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	Alpine	003 0000
	003	000	2	Amador	005 0000
	004	064	1	Butte	007 1620
			037 5	Chico	
			158 6	Paradise	
			999 9	Balance of county	
	005	000	2	Calaveras	009 0000
	006	000	2	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	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	Glenn	021 0000
	012	000	2	Humboldt	023 0000
			007 6	Arcata	
			065 6	Eureka	
			999 9	Balance of county	
	013	000	2	Imperial	025 0000
			024 6	Brawley	
			029 6	Calexico	
			060 6	El Centro	
			999 9	Balance of county	
	014	000	2	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	Lake	033 0000
	018	000	2	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	

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

Vital Statistics Codes

FIPS Codes  
St Cnty MSA

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



Vital Statistics Geographic Code Outline					Page 10
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	Coronado	
			059 4	El Cajon	
			064 4	Escondido	
			089 6	Imperial Beach	
			098 4	La Mesa	
			106 6	Lemon Grove	
			140 5	National City	
			147 4	Oceanside	
			194 1	San Diego	
			204 6	San Marcos	
			247 5	Vista	
			999 9	Balance of county	
038	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				FIPS Codes					
St Cnty	MSA	M/NM	City P/S	State,	County,	City,	or Country Name	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			

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
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	Duray	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

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

07	MSA	M/NM	City	P/S	State, County, City, or Country Name	09	MSA
					Connecticut		
					Fairfield		
001	047	1				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	Dover		001 0000
				999	Balance of county		
	002	313	1		New Castle		003 9160
				002	Newark		
				003	Wilmington		
				999	Balance of county		
	003	000	2	999	Sussex		005 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

09 001 305 1 001 1 District of Columbia

11 001 8840

Vital Statistics Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.					FIPS Codes				
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	Gainesville				
				999	Balance of county				
	002	000	2	999	Baker		003	0000	
	003	220	1		Bay		005	6015	
				066	Panama City				
				999	Balance of county				
	004	112	1	999	Bradford		007	2900	
	005	184	1		Brevard		009	4900	
				010	Cocoa				
				011	Cocoa Beach				
				046	Melbourne				
				064	Palm Bay				
				076	Rockledge				
				089	Titusville				
				999	Balance of county				
	006	103	1		Broward		011	2680	
				012	Cooper City				
				014	Coral Springs				
				015	Dania				
				016	Davie				
				018	Deerfield Beach				
				022	Fort Lauderdale				
				029	Hallandale, part				
				031	Hollywood				
				040	Lauderdale Lakes				
				041	Lauderhill				
				043	Lighthouse Point				
				045	Margate				
				050	Miramar				
				054	North Lauderdale				
				058	Oakland Park				
				067	Pembroke Pines				
				070	Plantation				
				072	Pompano Beach				
				083	Sunrise				
				085	Tamarac				
				093	Wilton Manors				
				999	Balance of county				
	007	000	2	999	Calhoun		013	0000	
	008	000	2	999	Charlotte		015	0000	
	009	000	2	999	Citrus		017	0000	
	010	138	1	999	Clay		019	3600	
	011	199	1		Collier		021	5345	
				051	Naples				
				999	Balance of county				
	012	000	2	999	Columbia		023	0000	
	013	187	1		Dade		025	5000	
				013	Coral Gables				
				029	Hallandale, part				
				030	Hialeah				
				032	Homestead				
				047	Miami				
				048	Miami Beach				
				049	Miami Springs				
				055	North Miami				
				056	North Miami Beach				
				060	Opa-locka				
				082	South Miami				
				999	Balance of county				
	014	000	2	999	De Soto		027	0000	
	015	000	2	999	Dixie		029	0000	
	016	138	1		Duval		031	3600	
				033	Jacksonville				
				034	Jacksonville Beach				
				999	Balance of county				
	017	223	1		Escambia		033	6080	
				068	Pensacola				
				999	Balance of county				
	018	000	2	999	Flagler		035	0000	
	019	000	2	999	Franklin		037	0000	
	020	287	1	999	Gadsden		039	8200	
	021	000	2	999	Gilchrist		041	0000	
	022	000	2	999	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				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	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	Echols	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

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
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	Hilo		
				999	Balance of county		
	002	128	1		Honolulu		003 3320
				001	Aiea		
				002	Ewa Beach		
				004	Honolulu		
				006	Kailua		
				007	Kaneohe		
				008	Mililani Town		
				009	Mokapu		
				010	Pearl City		
				011	Schofield Barracks		
				012	Wahiawa		
				014	Waipahu		
				999	Balance of county		
	003	000	2	999	Kalawao		005 0000
	004	000	2	999	Kauai		007 0000
	005	000	2		Mauai		009 0000
				005	Kahului		
				013	Wailuku		
				999	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
13					Idaho	16	
	001	041	1		Ada	001	1080
				002	Boise City		
				999	Balance of county		
	002	000	2	999	Adams	003	0000
	003	000	2		Bannock	005	0000
				009	Pocatello		
				999	Balance of county		
	004	000	2	999	Bear Lake	007	0000
	005	000	2	999	Benewah	009	0000
	006	000	2		Bingham	011	0000
				001	Blackfoot		
				999	Balance of county		
	007	000	2	999	Blaine	013	0000
	008	000	2	999	Boise	015	0000
	009	000	2	999	Bonner	017	0000
	010	000	2		Bonneville	019	0000
				005	Idaho Falls		
				999	Balance of county		
	011	000	2	999	Boundary	021	0000
	012	000	2	999	Butte	023	0000
	013	000	2	999	Camas	025	0000
	014	000	2		Canyon	027	0000
				003	Caldwell		
				008	Nampa		
				999	Balance of county		
	015	000	2	999	Caribou	029	0000
	016	000	2	999	Cassia	031	0000
	017	000	2	999	Clark	033	0000
	018	000	2	999	Clearwater	035	0000
	019	000	2	999	Custer	037	0000
	020	000	2	999	Elmore	039	0000
	021	000	2	999	Franklin	041	0000
	022	000	2	999	Fremont	043	0000
	023	000	2	999	Gem	045	0000
	024	000	2	999	Gooding	047	0000
	025	000	2	999	Idaho	049	0000
	026	000	2	999	Jefferson	051	0000
	027	000	2	999	Jerome	053	0000
	028	000	2		Kootenai	055	0000
				004	Coeur d'Alene		
				999	Balance of county		
	029	000	2		Latah	057	0000
				007	Moscow		
				999	Balance of county		
	030	000	2	999	Lemhi	059	0000
	031	000	2	999	Lewis	061	0000
	032	000	2	999	Lincoln	063	0000
	033	000	2		Madison	065	0000
				010	Rexburg		
				999	Balance of county		
	034	000	2	999	Minidoka	067	0000
	035	000	2		Nez Perce	069	0000
				006	Lewiston		
				999	Balance of county		
	036	000	2	999	Oneida	071	0000
	037	000	2	999	Owyhee	073	0000
	038	000	2	999	Payette	075	0000
	039	000	2	999	Power	077	0000
	040	000	2	999	Shoshone	079	0000
	041	000	2	999	Teton	081	0000
	042	000	2		Twin Falls	083	0000
				011	Twin Falls		
				999	Balance of county		
	043	000	2	999	Valley	085	0000
	044	000	2	999	Washington	087	0000



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
14				Illinois	17
	001	000	2	Adams	001 0000
			135 5	Quincy	
			999 9	Balance of county	
	002	000	2	Alexander	003 0000
	003	000	2	Bond	005 0000
	004	249	1	Boone	007 6880
			010 6	Belvidere	
			999 9	Balance of county	
	005	000	2	Brown	009 0000
	006	000	2	Bureau	011 0000
	007	000	2	Calhoun	013 0000
	008	000	2	Carroll	015 0000
	009	000	2	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	Clark	023 0000
	013	000	2	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
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	999 9	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	999 9	Marshall	123 0000
063	000	2	999 9	Mason	125 0000
064	000	2	999 9	Massac	127 0000
065	279	1	999 9	Menard	129 7880
066	000	2	999 9	Mercer	131 0000
067	254	1	999 9	Monroe	133 7040
068	000	2	999 9	Montgomery	135 0000
069	000	2		Morgan	137 0000
			080 6	Jacksonville	
			999 9	Balance of county	
070	000	2	999 9	Moultrie	139 0000
071	000	2	999 9	Ogle	141 0000
072	224	1		Peoria	143 6120
			130 5	Pekin, part	
			131 3	Peoria	
			999 9	Balance of county	
073	000	2	999 9	Perry	145 0000
074	000	2	999 9	Piatt	147 0000
075	000	2	999 9	Pike	149 0000
076	000	2	999 9	Pope	151 0000
077	000	2	999 9	Pulaski	153 0000
078	000	2	999 9	Putnam	155 0000
079	000	2	999 9	Randolph	157 0000
080	000	2	999 9	Richland	159 0000
081	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	999	Schuyler		169 0000
	086	000	2	999	Scott		171 0000
	087	000	2	999	Shelby		173 0000
	088	000	2	999	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	999	Union		181 0000
	092	000	2		Vermilion		183 0000
			040	5	Danville		
			999	9	Balance of county		
	093	000	2	999	Wabash		185 0000
	094	000	2		Warren		187 0000
			106	6	Monmouth		
			999	9	Balance of county		
	095	000	2	999	Washington		189 0000
	096	000	2	999	Wayne		191 0000
	097	000	2	999	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	999	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		

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		
		098	000	2	999 9	Worth			195 0000
		099	000	2	999 9	Wright			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	

Vital Statistics Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				Page 41	
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.				FIPS Codes	
Vital Statistics Codes				St Cnty MSA	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	
19				Louisiana	22
001	000	2		Acadia	001 0000
			008 6	Crowley	
			010 6	Eunice, part	
			999 9	Balance of parish	
002	000	2	999 9	Allen	003 0000
003	027	1	999 9	Ascension	005 0760
004	000	2	999 9	Assumption	007 0000
005	000	2	999 9	Avoyelles	009 0000
006	000	2		Beauregard	011 0000
			009 6	De Ridder, part	
			999 9	Balance of parish	
007	000	2	999 9	Bienville	013 0000
008	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	999 9	Caldwell	021 0000
012	000	2	999 9	Cameron	023 0000
013	000	2	999 9	Catahoula	025 0000
014	000	2	999 9	Claiborne	027 0000
015	000	2	999 9	Concordia	029 0000
016	000	2	999 9	De Soto	031 0000
017	027	1		East Baton Rouge	033 0760
			003 6	Baker	
			005 3	Baton Rouge	
			999 9	Balance of parish	
018	000	2	999 9	East Carroll	035 0000
019	000	2	999 9	East Feliciana	037 0000
020	000	2	999 9	Evangeline	039 0000
021	000	2	999 9	Franklin	041 0000
022	000	2	999 9	Grant	043 0000
023	000	2		Iberia	045 0000
			023 5	New Iberia	
			999 9	Balance of parish	
024	000	2	999 9	Iberville	047 0000
025	000	2	999 9	Jackson	049 0000
026	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	999 9	La Salle	059 0000
031	000	2		Lincoln	061 0000
			027 6	Ruston	
			999 9	Balance of parish	
032	027	1	999 9	Livingston	063 0760
033	000	2		Madison	065 0000
			031 6	Tallulah	
			999 9	Balance of parish	
034	000	2		Morehouse	067 0000
			004 6	Bastrop	
			999 9	Balance of parish	
035	000	2		Natchitoches	069 0000
			022 6	Natchitoches	
			999 9	Balance of parish	
036	205	1	024 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		St. Tammany	103	5560	
			029 5	Sidell			
			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.						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
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	999	9	Franklin	007	0000
005	000	2	999	9	Hancock	009	0000
006	000	2			Kennebec	011	0000
			002	6	Augusta		
			011	6	Waterville		
			999	9	Balance of county		
007	000	2	999	9	Knox	013	0000
008	000	2	999	9	Lincoln	015	0000
009	000	2	999	9	Oxford	017	0000
010	026	1			Penobscot	019	0733
			003	5	Bangor		
			999	9	Balance of county		
011	000	2	999	9	Piscataquis	021	0000
012	000	2			Sagadahoc	023	0000
			004	6	Bath		
			999	9	Balance of county		
013	000	2	999	9	Somerset	025	0000
014	000	2	999	9	Waldo	027	0000
015	000	2	999	9	Washington	029	0000
016	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				State, County, City, or Country Name		FIPS Codes		
St	Cnty	MSA	M/NM	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	

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
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	999 9	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	999 9	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	

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.						FIPS Codes	
Vital Statistics Codes						MSA	
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	Minnnetonka	
			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 Dakdale	
				058	6 Stillwater	
				061	6 White Bear Lake, part	
				064	6 Woodbury	
				999	9 Balance of county	
	083	000	2	999	9 Watonwan	165 0000
	084	000	2	999	9 Wilkin	167 0000
	085	000	2		Winona	169 0000
				063	5 Winona	
				999	9 Balance of county	
	086	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.				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
25				Mississippi	28
001	000	2		Adams	001 0000
			019 6	Natchez	
			999 9	Balance of county	
002	000	2		Alcorn	003 0000
			008 6	Corinth	
			999 9	Balance of county	
003	000	2	999 9	Amite	005 0000
004	000	2	999 9	Attala	007 0000
005	000	2	999 9	Benton	009 0000
006	000	2		Bolivar	011 0000
			005 6	Cleveland	
			999 9	Balance of county	
007	000	2	999 9	Calhoun	013 0000
008	000	2	999 9	Carroll	015 0000
009	000	2	999 9	Chickasaw	017 0000
010	000	2	999 9	Choctaw	019 0000
011	000	2	999 9	Claiborne	021 0000
012	000	2	999 9	Clarke	023 0000
013	000	2	999 9	Clay	025 0000
014	000	2		Coahoma	027 0000
			004 6	Clarksdale	
			999 9	Balance of county	
015	000	2	999 9	Copiah	029 0000
016	000	2	999 9	Covington	031 0000
017	185	1	999 9	De Soto	033 4920
018	000	2		Forrest	035 0000
			013 5	Hattiesburg, part	
			999 9	Balance of county	
019	000	2	999 9	Franklin	037 0000
020	000	2	999 9	George	039 0000
021	000	2	999 9	Greene	041 0000
022	000	2		Grenada	043 0000
			011 6	Grenada	
			999 9	Balance of county	
023	035	1	999 9	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	999 9	Holmes	051 0000
027	000	2	999 9	Humphreys	053 0000
028	000	2	999 9	Issaquena	055 0000
029	000	2	999 9	Itawamba	057 0000
030	222	1		Jackson	059 6025
			018 6	Moss Point	
			020 6	Ocean Springs	
			021 5	Pascagoula	
			999 9	Balance of county	
031	000	2	999 9	Jasper	061 0000
032	000	2	999 9	Jefferson	063 0000
033	000	2	999 9	Jefferson Davis	065 0000
034	000	2		Jones	067 0000
			015 6	Laurel	
			999 9	Balance of county	
035	000	2	999 9	Kemper	069 0000
036	000	2	999 9	Lafayette	071 0000
037	000	2		Lamar	073 0000
			013 5	Hattiesburg, part	
			999 9	Balance of county	
038	000	2		Lauderdale	075 0000
			017 5	Meridian	
			999 9	Balance of county	
039	000	2	999 9	Lawrence	077 0000
040	000	2	999 9	Leake	079 0000
041	000	2		Lee	081 0000
			025 6	Tupelo	
			999 9	Balance of county	
042	000	2		Leflore	083 0000
			010 6	Greenwood	
			999 9	Balance of county.	

Vital Statistics Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				FIPS Codes	
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	6	Kirksville	
				999	9	Balance of county	
	002	000	2	999	9	Andrew	003 0000
	003	000	2	999	9	Atchison	005 0000
	004	000	2			Audrain	007 0000
				034	6	Mexico	
				999	9	Balance of county	
	005	000	2	999	9	Barry	009 0000
	006	000	2	999	9	Barton	011 0000
	007	000	2	999	9	Bates	013 0000
	008	000	2	999	9	Benton	015 0000
	009	000	2	999	9	Bollinger	017 0000
	010	069	1			Boone	019 1740
				011	4	Columbia	
				999	9	Balance of county	
	011	253	1			Buchanan	021 7000
				043	4	St. Joseph	
				999	9	Balance of county	
	012	000	2			Butler	023 0000
				037	6	Poplar Bluff	
				999	9	Balance of county	
	013	000	2	999	9	Caldwell	025 0000
	014	000	2			Callaway	027 0000
				017	6	Fulton	
				023	5	Jefferson City, part	
				999	9	Balance of county	
	015	000	2	999	9	Camden	029 0000
	016	000	2			Cape Girardeau	031 0000
				008	5	Cape Girardeau	
				999	9	Balance of county	
	017	000	2	999	9	Carroll	033 0000
	018	000	2	999	9	Carter	035 0000
	019	149	1			Cass	037 3760
				004	6	Belton	
				030	5	Lee's Summit, part	
				999	9	Balance of county	
	020	000	2	999	9	Cedar	039 0000
	021	000	2	999	9	Chariton	041 0000
	022	280	1	999	9	Christian	043 7920
	023	000	2	999	9	Clark	045 0000
	024	149	1			Clay	047 3760
				014	6	Excelsior Springs, part	
				018	6	Gladstone	
				022	3	Independence, part	
				026	2	Kansas City, part	
				031	6	Liberty	
				999	9	Balance of county	
	025	000	2	999	9	Clinton	049 0000
	026	000	2			Cole	051 0000
				023	5	Jefferson City, part	
				999	9	Balance of county	
	027	000	2	999	9	Cooper	053 0000
	028	000	2	999	9	Crawford	055 0000
	029	000	2	999	9	Dade	057 0000
	030	000	2	999	9	Dallas	059 0000
	031	000	2	999	9	Daviess	061 0000
	032	000	2	999	9	De Kalb	063 0000
	033	000	2	999	9	Dent	065 0000
	034	000	2	999	9	Douglas	067 0000
	035	000	2			Dunklin	069 0000
				027	6	Kennett	
				999	9	Balance of county	
	036	254	1	999	9	Franklin	071 7040
	037	000	2	999	9	Gasconade	073 0000
	038	000	2	999	9	Gentry	075 0000
	039	280	1			Greene	077 7920
				048	3	Springfield	
				999	9	Balance of county	
	040	000	2	999	9	Grundy	079 0000
	041	000	2	999	9	Harrison	081 0000
	042	000	2	999	9	Henry	083 0000
	043	000	2	999	9	Hickory	085 0000
	044	000	2	999	9	Holt	087 0000

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
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	3710
			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	Marion	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				State, County, City, or Country Name		FIPS Codes		
St Cnty	MSA	M/NM	City P/S			St Cnty	MSA	
26				Missouri			29	
	089	149	1		Ray	177	3760	
				014	6			
				999	9			
					Excelsior Springs, part			
				999	9			
					Balance of county			
	090	000	2	999	9	179	0000	
	091	000	2	999	9	181	0000	
	092	254	1		Ripley	183	7040	
					St. Charles			
				042	5			
				045	6			
				999	9			
					Balance of county			
	093	000	2	999	9	185	0000	
	094	000	2	999	9	186	0000	
	095	000	2	999	9	187	0000	
	096	254	1		St. Francois	189	7040	
					St. Louis			
				002	6			
				003	6			
				005	6			
				007	6			
				010	6			
				012	6			
				013	6			
				015	6			
				016	4			
				021	6			
				024	6			
				029	5			
				032	6			
				036	6			
				039	6			
				041	6			
				049	5			
				051	6			
				999	9			
					Balance of county			
	097	254	1	044	2	510	7040	
	098	000	2		St. Louis city	195	0000	
					Saline			
				033	6			
				999	9			
					Marshall			
				999	9			
					Balance of county			
	099	000	2	999	9	197	0000	
	100	000	2	999	9	199	0000	
	101	000	2		Schuyler	201	0000	
					Scotland			
					Scott			
				047	6			
				999	9			
					Sikeston, part			
				999	9			
					Balance of county			
	102	000	2	999	9	203	0000	
	103	000	2	999	9	205	0000	
	104	000	2	999	9	207	0000	
	105	000	2	999	9	209	0000	
	106	000	2	999	9	211	0000	
	107	000	2	999	9	213	0000	
	108	000	2	999	9	215	0000	
	109	000	2	999	9	217	0000	
	110	000	2	999	9	219	0000	
	111	000	2	999	9	221	0000	
	112	000	2	999	9	223	0000	
	113	000	2	999	9	225	0000	
	114	000	2	999	9	227	0000	
	115	000	2	999	9	229	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
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	Antelope	003 0000
	003	000	2	Arthur	005 0000
	004	000	2	Banner	007 0000
	005	000	2	Blaine	009 0000
	006	000	2	Boone	011 0000
	007	000	2	Box Butte	013 0000
	008	000	2	Boyd	015 0000
	009	000	2	Brown	017 0000
	010	000	2	Buffalo	019 0000
			007 6	Kearney	
			999 9	Balance of county	
	011	000	2	Burt	021 0000
	012	000	2	Butler	023 0000
	013	000	2	Cass	025 0000
	014	000	2	Cedar	027 0000
	015	000	2	Chase	029 0000
	016	000	2	Cherry	031 0000
	017	000	2	Cheyenne	033 0000
	018	000	2	Clay	035 0000
	019	000	2	Colfax	037 0000
	020	000	2	Cuming	039 0000
	021	000	2	Custer	041 0000
	022	275	1	Dakota	043 7720
	023	000	2	Dawes	045 0000
	024	000	2	Dawson	047 0000
	025	000	2	Deuel	049 0000
	026	000	2	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	Dundy	057 0000
	030	000	2	Fillmore	059 0000
	031	000	2	Franklin	061 0000
	032	000	2	Frontier	063 0000
	033	000	2	Furnas	065 0000
	034	000	2	Gage	067 0000
			001 6	Beatrice	
			999 9	Balance of county	
	035	000	2	Garden	069 0000
	036	000	2	Garfield	071 0000
	037	000	2	Gosper	073 0000
	038	000	2	Grant	075 0000
	039	000	2	Greeley	077 0000
	040	000	2	Hall	079 0000
			005 5	Grand Island	
			999 9	Balance of county	
	041	000	2	Hamilton	081 0000
	042	000	2	Harlan	083 0000
	043	000	2	Hayes	085 0000
	044	000	2	Hitchcock	087 0000
	045	000	2	Holt	089 0000
	046	000	2	Hooker	091 0000
	047	000	2	Howard	093 0000
	048	000	2	Jefferson	095 0000
	049	000	2	Johnson	097 0000
	050	000	2	Kearney	099 0000
	051	000	2	Keith	101 0000
	052	000	2	Keya Paha	103 0000
	053	000	2	Kimball	105 0000
	054	000	2	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	Logan	113 0000
	058	000	2	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
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

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

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
30					New Hampshire	33	
001	000	2			Belknap	001	0000
			006	6	Laconia		
			999	9	Balance of county		
002	000	2			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				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	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	Lindenwald	
			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

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		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.						
Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	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.						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
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

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		

Vital Statistics Geographic Code Outline						Page 71
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				State, County, City, or Country Name		FIPS Codes	
St Cnty	MSA	M/NM	City	P/S		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.					FIPS Codes		
Vital Statistics Codes					MSA		
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		

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	
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		Fulton	051	8400	
027	000	2		Gallia	053	0000	
028	067	1		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		Hardin	065	0000	
034	000	2		Harrison	067	0000	
035	000	2		Henry	069	0000	
036	000	2		Highland	071	0000	
037	000	2		Hocking	073	0000	
038	000	2		Holmes	075	0000	
039	000	2		Huron	077	0000	
			093 6	Norwalk			
			999 9	Balance of county			

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	
	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	999 9 Bryan		013 0000
			011 6 Durant		
			999 9 Balance of county		
	008	000 2	999 9 Caddo		015 0000
	009	213 1	999 9 Canadian		017 5880
			013 6 El Reno		
			023 2 Oklahoma City, part		
			033 6 Yukon		
			999 9 Balance of county		
	010	000 2	999 9 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	999 9 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	999 9 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	999 9 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	999 9 Garfield		047 2340
			014 4 Enid		
			999 9 Balance of county		
	025	000 2	999 9 Garvin		049 0000
	026	000 2	999 9 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	999 9 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	999 9 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	999 9 Logan		083 5880
			015 6 Guthrie		
			999 9 Balance of county		
	043	000 2	999 9 Love		085 0000
	044	213 1	999 9 McClain		087 5880
			023 2 Oklahoma City, part		
			999 9 Balance of county		
	045	000 2	999 9 McCurtain		089 0000
	046	000 2	999 9 McIntosh		091 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						Page 83	
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
				0 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.						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
38					Oregon	41	
	033	000	2		Wasco	065	0000
				005	6		
				999	9		
					City of the Dalles		
					Balance of county		
	034	231	1		Washington	067	6440
				003	5		
				009	6		
				012	5		
				015	6		
				023	2		
				027	6		
				999	9		
					Beaverton		
					Forest Grove		
					Hillsboro		
					Lake Oswego, part		
					Portland, part		
					Tigard		
					Balance of county		
	035	000	2	999	9	069	0000
	036	231	1		Wheeler	071	6440
					Yamhill		
				017	6		
				020	6		
				999	9		
					McMinnville		
					Newberg		
					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	
	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				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	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	

Vital Statistics Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						
Vital Statistics Codes						
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	FIPS Codes 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			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 Murrys ville	
			087	6	New Kensington	
			091	5	North Huntingdon township	
			999	9	Balance of county	
066	269	1			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	Barrington town		
			002	Bristol town		
			014	Warren town		
			999	Balance of county		
002	234	1		Kent	003	6483
			004	Coventry town		
			015	Warwick		
			016	West Warwick town		
			999	Balance of county		
003	000	2		Newport	005	0000
			009	Middletown town		
			010	Newport		
			999	Balance of county		
004	234	1		Providence	007	6483
			003	Central Falls		
			005	Cranston		
			006	Cumberland town		
			007	East Providence		
			008	Johnston town		
			011	North Providence town		
			012	Pawtucket		
			013	Providence		
			017	Woonsocket		
			999	Balance of county		
005	234	1	999	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
South Dakota				46	
42	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.

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes		
St Cnty	MSA	M/NM	City P/S			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	
	042	000	2 999 9			Houston	083	0000
	043	000	2 999 9			Humphreys	085	0000
	044	000	2 999 9			Jackson	087	0000
	045	152	1 999 9			Jefferson	089	3840
	046	000	2 999 9			Johnson	091	0000
	047	152	1			Knox	093	3840
			021 3			Knoxville		
			999 9			Balance of county		
	048	000	2 999 9			Lake	095	0000
	049	000	2 999 9			Lauderdale	097	0000
	050	000	2			Lawrence	099	0000
			022 6			Lawrenceburg		
			999 9			Balance of county		
	051	000	2 999 9			Lewis	101	0000
	052	000	2 999 9			Lincoln	103	0000
	053	000	2 999 9			Loudon	105	0000
	054	000	2			McMinn	107	0000
			001 6			Athens		
			999 9			Balance of county		
	055	000	2 999 9			McNairy	109	0000
	056	000	2 999 9			Macon	111	0000
	057	137	1			Madison	113	3580
			018 5			Jackson		
			999 9			Balance of county		
	058	061	1 999 9			Marion	115	1560
	059	000	2 999 9			Marshall	117	0000
	060	000	2			Maury	119	0000
			007 5			Columbia		
			999 9			Balance of county		
	061	000	2 999 9			Meigs	121	0000
	062	000	2 999 9			Monroe	123	0000
	063	066	1			Montgomery	125	1660
			005 4			Clarksville		
			999 9			Balance of county		
	064	000	2 999 9			Moore	127	0000
	065	000	2 999 9			Morgan	129	0000
	066	000	2			Obion	131	0000
			037 6			Union City		
			999 9			Balance of county		
	067	000	2 999 9			Overton	133	0000
	068	000	2 999 9			Perry	135	0000
	069	000	2 999 9			Pickett	137	0000
	070	000	2 999 9			Polk	139	0000
	071	000	2			Putnam	141	0000
			008 6			Cookeville		
			999 9			Balance of county		
	072	000	2 999 9			Rhea	143	0000
	073	000	2			Roane	145	0000
			031 5			Oak Ridge, part		
			999 9			Balance of county		
	074	200	1			Robertson	147	5360
			035 6			Springfield		
			999 9			Balance of county		
	075	200	1			Rutherford	149	5360
			029 5			Murfreesboro		
			999 9			Balance of county		
	076	000	2 999 9			Scott	151	0000
	077	061	1 999 9			Sequatchie	153	1560
	078	152	1 999 9			Sevier	155	3840
	079	185	1			Shelby	157	4920
			002 6			Bartlett		
			014 6			Germantown		
			026 1			Memphis		
			027 6			Millington		
			999 9			Balance of county		
	080	000	2 999 9			Smith	159	0000
	081	000	2 999 9			Stewart	161	0000
	082	143	1			Sullivan	163	3660
			003 6			Bristol		
			020 5			Kingsport, part		
			999 9			Balance of county		
	083	200	1			Sumner	165	5360
			013 6			Gallatin		
			016 5			Hendersonville		

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.					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
44					Texas	48	
	037	000	2		Cherokee	073	0000
				070	Jacksonville		
				999	Balance of county		
	038	000	2	999	Childress	075	0000
	039	000	2	999	Clay	077	0000
	040	000	2	999	Cochran	079	0000
	041	000	2	999	Coke	081	0000
	042	000	2	999	Coleman	083	0000
	043	075	1		Collin	085	1920
				029	Carrollton, part		
				036	Dallas, part		
				057	Garland, part		
				088	McKinney		
				111	Plano, part		
				116	Richardson, part		
				999	Balance of county		
	044	000	2	999	Collingsworth	087	0000
	045	000	2	999	Colorado	089	0000
	046	259	1		Comal	091	7240
				099	New Braunfels, part		
				999	Balance of county		
	047	000	2	999	Comanche	093	0000
	048	000	2	999	Concho	095	0000
	049	000	2		Cooke	097	0000
				055	Gainesville		
				999	Balance of county		
	050	151	1		Coryell	099	3810
				033	Copperas Cove		
				999	Balance of county		
	051	000	2	999	Cottle	101	0000
	052	000	2	999	Crane	103	0000
	053	000	2	999	Crockett	105	0000
	054	000	2	999	Crosby	107	0000
	055	000	2	999	Culberson	109	0000
	056	000	2	999	Dallam	111	0000
	057	075	1		Dallas	113	1920
				010	Balch Springs		
				029	Carrollton, part		
				036	Dallas, part		
				041	De Soto		
				043	Duncanville		
				050	Farmers Branch		
				057	Garland, part		
				058	Grand Prairie, part		
				059	Grapevine, part		
				069	Irving		
				078	Lancaster		
				091	Mesquite		
				116	Richardson, part		
				139	University Park		
				999	Balance of county		
	058	000	2		Dawson	115	0000
				077	Lamesa		
				999	Balance of county		
	059	000	2		Deaf Smith	117	0000
				065	Hereford		
				999	Balance of county		
	060	000	2	999	Delta	119	0000
	061	075	1		Denton	121	1920
				029	Carrollton, part		
				036	Dallas, part		
				040	Denton		
				083	Lewisville		
				111	Plano, part		
				136	The Colony		
				999	Balance of county		
	062	000	2	999	De Witt	123	0000
	063	000	2	999	Dickens	125	0000
	064	000	2	999	Dimmit	127	0000
	065	000	2	999	Donley	129	0000
	066	000	2	999	Duval	131	0000
	067	000	2	999	Eastland	133	0000
	068	212	1		Ector	135	5800
				101	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			Ellis	139	1920
			048	6	Ennis		
			058	4	Grand Prairie, part		
			146	6	Waxahachie		
			999	9	Balance of county		
071	089	1			El Paso	141	2320
			047	2	El Paso		
			999	9	Balance of county		
072	000	2			Erath	143	0000
			128	6	Stephenville		
			999	9	Balance of county		
073	000	2	999	9	Falls	145	0000
074	000	2	999	9	Fannin	147	0000
075	000	2	999	9	Fayette	149	0000
076	000	2	999	9	Fisher	151	0000
077	000	2	999	9	Floyd	153	0000
078	000	2	999	9	Foard	155	0000
079	130	1			Fort Bend	157	3360
			066	0	Houston, part		
			095	6	Missouri City, part		
			118	6	Rosenberg		
			999	9	Balance of county		
080	000	2	999	9	Franklin	159	0000
081	000	2	999	9	Freestone	161	0000
082	000	2	999	9	Frio	163	0000
083	000	2	999	9	Gaines	165	0000
084	113	1			Galveston	167	2920
			054	6	Friendswood, part		
			056	4	Galveston		
			076	6	La Marque		
			081	6	League City		
			135	5	Texas City		
			999	9	Balance of county		
085	000	2	999	9	Garza	169	0000
086	000	2	999	9	Gillespie	171	0000
087	000	2	999	9	Glasscock	173	0000
088	000	2	999	9	Goliad	175	0000
089	000	2	999	9	Gonzales	177	0000
090	000	2			Gray	179	0000
			104	6	Pampa		
			999	9	Balance of county		
091	273	1			Grayson	181	7640
			039	6	Denison		
			125	5	Sherman		
			999	9	Balance of county		
092	172	1			Gregg	183	4420
			072	6	Kilgore, part		
			084	4	Longview, part		
			999	9	Balance of county		
093	000	2	999	9	Grimes	185	0000
094	259	1			Guadalupe	187	7240
			099	6	New Braunfels, part		
			124	6	Seguin		
			999	9	Balance of county		
095	000	2			Hale	189	0000
			110	6	Plainview		
			999	9	Balance of county		
096	000	2	999	9	Hall	191	0000
097	000	2	999	9	Hamilton	193	0000
098	000	2	999	9	Hansford	195	0000
099	000	2	999	9	Hardeman	197	0000
100	029	1	999	9	Hardin	199	0840
101	130	1			Harris	201	3360
			012	4	Baytown, part		
			016	6	Bellaire		
			037	6	Deer Park		
			054	6	Friendswood, part		
			066	0	Houston, part		
			079	6	La Porte		
			095	6	Missouri City, part		
			106	3	Pasadena		
			107	6	Pearland, part		

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

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
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		

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
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		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	2 999 9	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	1 999 9	Brooke	009 8080	
		014 6	Weirton, part		
		999 9	Balance of county		
	006 131	1 006 4	Cabell	011 3400	
		999 9	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	1 999 9	Hancock	029 8080	
		014 6	Weirton, part		
		999 9	Balance of county		
	016 000	2 999 9	Hardy	031 0000	
	017 000	2 999 9	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	1 999 9	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	2 999 9	Marion	049 0000	
		005 6	Fairmont		
		999 9	Balance of county		
	026 309	1 999 9	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	2 999 9	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	2 999 9	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	1 999 9	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	2 999 9	Raleigh	081 0000	
		001 6	Beckley		
		999 9	Balance of county		
	042 000	2 999 9	Randolph	083 0000	
	043 000	2 999 9	Ritchie	085 0000	
	044 000	2 999 9	Roane	087 0000	
	045 000	2 999 9	Summers	089 0000	
	046 000	2 999 9	Taylor	091 0000	
	047 000	2 999 9	Tucker	093 0000	

Vital Statistics 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
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	2 999 9	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	2 999 9	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	2 999 9	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	2 999 9	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	

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
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.

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	Laramie		
				999	Balance of county		
	002	000	2	999	Big Horn	003	0000
	003	000	2		Campbell	005	0000
				003	Gillette		
				999	Balance of county		
	004	000	2		Carbon	007	0000
				006	Rawlins		
				999	Balance of county		
	005	000	2	999	Converse	009	0000
	006	000	2	999	Crook	011	0000
	007	000	2	999	Fremont	013	0000
	008	000	2	999	Goshen	015	0000
	009	000	2	999	Hot Springs	017	0000
	010	000	2	999	Johnson	019	0000
	011	062	1		Laramie	021	1580
				002	Cheyenne		
				999	Balance of county		
	012	000	2	999	Lincoln	023	0000
	013	054	1		Natrona	025	1350
				001	Casper		
				999	Balance of county		
	014	000	2	999	Niobrara	027	0000
	015	000	2	999	Park	029	0000
	016	000	2	999	Platte	031	0000
	017	000	2		Sheridan	033	0000
				008	Sheridan		
				999	Balance of county		
	018	000	2	999	Sublette	035	0000
	019	000	2		Sweetwater	037	0000
				004	Green River		
				007	Rock Springs		
				999	Balance of county		
	020	000	2	999	Teton	039	0000
	021	000	2	999	Uinta	041	0000
	022	000	2	999	Washakie	043	0000
	023	000	2	999	Weston	045	0000

Vital Statistics 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		
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	021 013 039 048	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

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
016	50		Appleton-Oshkosh-Neenah, WI MSA	0460	55	
		008	Wisconsin Calumet			015
		045	Outagamie			087
		071	Winnebago			139
017	34		Asheville, NC MSA	0480	37	
		011	North Carolina Buncombe			021
018	11		Athens, GA MSA	0500	13	
		029	Georgia Clarke			059
		078	Jackson			157
		097	Madison			195
		108	Oconee			219
019	11		Atlanta, GA MSA	0520	13	
		007	Georgia 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	34	
		001	New Jersey Atlantic			001
		005	Cape May			009
021	11		Augusta, GA-SC MSA	0600	13	
		036	Georgia Columbia			073
		094	McDuffie			189
		121	Richmond			245
	41		South Carolina		45	
		002	Aiken			003
022	14		Aurora-Elgin, IL PMSA	0620	17	
		045	Illinois Kane			089
		047	Kendall			093
023	44		Austin, TX MSA	0640	48	
		105	Texas Hays			209
		227	Travis			453
		246	Williamson			491
024	05		Bakersfield, CA MSA	0680	06	
		015	California Kern			029
025	21		Baltimore, MD MSA	0720	24	
		002	Maryland Anne Arundel			003
		003	Baltimore			005
		004	Baltimore city			510
		007	Carroll			013
		013	Harford			025
		014	Howard			027
		018	Queen Anne's			035



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

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	Dorchester			035
058	49		Charleston, WV MSA West Virginia	1480	54	
		020	Kanawha			039
		040	Putnam			079

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
059	34		Charlotte-Gastonia-Rock Hill, NC-SC MSA	1520		
			North Carolina		37	
		013	Cabarrus			025
		036	Gaston			071
		055	Lincoln			109
		060	Mecklenburg			119
		080	Rowan			159
		090	Union			179
	41		South Carolina		45	
		046	York			091
060	47		Charlottesville, VA MSA	1540		
			Virginia		51	
		002	Albemarle			003
		025	Charlottesville city			540
		045	Fluvanna			065
		055	Greene			079
061	11		Chattanooga, TN-GA MSA	1560		
			Georgia		13	
		023	Catoosa			047
		041	Dade			083
		146	Walker			295
	43		Tennessee		47	
		033	Hamilton			065
		058	Marion			115
		077	Sequatchie			153
062	51		Cheyenne, WY MSA	1580		
			Wyoming		56	
		011	Laramie			021
063	14		Chicago, IL PMSA	1600		
			Illinois		17	
		016	Cook			031
		022	Du Page			043
		056	McHenry			111
064	05		Chico, CA MSA	1620		
			California		06	
		004	Butte			007
065	15		Cincinnati, OH-KY-IN PMSA	1640		
			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	18		Clarksville-Hopkinsville, TN-KY MSA	1660		
			Kentucky		21	
		024	Christian			047
	43		Tennessee		47	
		063	Montgomery			125
067	36		Cleveland, OH PMSA	1680		
			Ohio		39	
		018	Cuyahoga			035
		028	Geauga			055
		043	Lake			085
		052	Medina			103
068	06		Colorado Springs, CO MSA	1720		
			Colorado		08	
		021	El Paso			041
069	26		Columbia, MO MSA	1740		
			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	032 040	Columbia, SC MSA South Carolina Lexington Richland	1760	45	063 079
071	01	057	Columbus, GA-AL MSA Alabama Russell	1800	01	113
	11	026 106	Georgia Chattahoochee Muscogee		13	053 215
072	36	021 023 025 045 049 065 080	Columbus, OH MSA Ohio Delaware Fairfield Franklin Licking Madison Pickaway Union	1840	39	041 045 049 089 097 129 159
073	44	178 205	Corpus Christi, TX MSA Texas Nueces San Patricio	1880	48	355 409
074	21	001	Cumberland, MD-WV MSA Maryland Allegany	1900	24	001
	49	029	West Virginia Mineral		54	057
075	44	043 057 061 070 129 199	Dallas, TX PMSA Texas Collin Dallas Denton Ellis Kaufman Rockwall	1920	48	085 113 121 139 257 397
076	47	035 097	Danville, VA MSA Virginia Danville city Pittsylvania	1950	51	590 143
077	14	037 081	Davenport-Rock Island-Moline, IA-IL MSA Illinois Henry Rock Island	1960	17	073 161
	16	082	Iowa Scott		19	163
078	36	012 029 055 057	Dayton-Springfield, OH MSA Ohio Clark Greene Miami Montgomery	2000	39	023 057 109 113
079	10	064	Daytona Beach, FL MSA Florida Volusia	2020	12	127
080	01	040 052	Decatur, AL MSA Alabama Lawrence Morgan	2030	01	079 103
081	14	058	Decatur, IL MSA Illinois Macon	2040	17	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	08	
		001	Colorado			001
		003	Adams			005
		016	Arapahoe			031
		018	Denver, coext. with Denver city			035
		030	Douglas			059
			Jefferson			
083	16		Des Moines, IA MSA	2120	19	
		025	Iowa			049
		077	Dallas			153
		091	Polk			181
			Warren			
084	23		Detroit, MI PMSA	2160	26	
		044	Michigan			087
		047	Lapeer			093
		050	Livingston			099
		058	Macomb			115
		063	Monroe			125
		074	Oakland			147
		082	St. Clair			163
			Wayne			
085	01		Dothan, AL MSA	2180	01	
		023	Alabama			045
		035	Dale			069
			Houston			
086	16		Dubuque, IA MSA	2200	19	
		031	Iowa			061
			Dubuque			
087	24		Duluth, MN-WI MSA	2240	27	
		069	Minnesota			137
		50	St. Louis			55
		016	Wisconsin			031
			Douglas			
088	50		Eau Claire, WI MSA	2290	55	
		009	Wisconsin			017
		018	Chippewa			035
			Eau Claire			
089	44		El Paso, TX MSA	2320	48	
		071	Texas			141
			El Paso			
090	15		Elkhart-Goshen, IN MSA	2330	18	
		020	Indiana			039
			Elkhart			
091	33		Elmira, NY MSA	2335	36	
		007	New York			015
			Chemung			
092	37		Enid, OK MSA	2340	40	
		024	Oklahoma			047
			Garfield			
093	39		Erie, PA MSA	2360	42	
		025	Pennsylvania			049
			Erie			
094	38		Eugene-Springfield, OR MSA	2400	41	
		020	Oregon			039
			Lane			
095	15		Evansville, IN-KY MSA	2440	18	
		065	Indiana			129
		082	Posey			163
		087	Vanderburgh			173
		18	Warrick			
		051	Kentucky		21	101
			Henderson			

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
		068	Sebastian			131
	37		Oklahoma		40	
			Sequoyah			135
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	001 004	Gainesville, FL MSA Florida Alachua Bradford	2900	12	001 007
113	44	084	Galveston-Texas City, TX PMSA Texas Galveston	2920	48	167
114	15	045 064	Gary-Hammond, IN PMSA Indiana Lake Porter	2960	18	089 127
115	33	053 054	Glens Falls, NY MSA New York Warren Washington	2975	36	113 115
116	35	018	Grand Forks, ND MSA North Dakota Grand Forks	2985	38	035
117	23	041 070	Grand Rapids, MI MSA Michigan Kent Ottawa	3000	26	081 139
118	27	007	Great Falls, MT MSA Montana Cascade	3040	30	013
119	06	062	Greeley, CO MSA Colorado Weld	3060	08	123
120	50	005	Green Bay, WI MSA Wisconsin Brown	3080	55	009
121	34	029 030 034 041 076 085 099	Greensboro--Winston-Salem--High Point, NC MSA North Carolina Davidson Davie Forsyth Guilford Randolph Stokes Yadkin	3120	37	057 059 067 081 151 169 197
122	41	023 039 042	Greenville-Spartanburg, SC MSA South Carolina Greenville Pickens Spartanburg	3160	45	045 077 083
123	21	022	Hagerstown, MD MSA Maryland Washington	3180	24	043
124	36	009	Hamilton-Middletown, OH PMSA Ohio Butler	3200	39	017
125	39	021 022 038 050	Harrisburg-Lebanon-Carlisle, PA MSA Pennsylvania Cumberland Dauphin Lebanon Perry	3240	42	041 043 075 099
126	07	002 004 007	Hartford-New Britain-Middletown, CT NECMA Connecticut Hartford Middlesex Tolland	3283	09	003 007 013

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

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
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

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		Mississippi		28	
	43	017	De Soto		47	033
		079	Tennessee Shelby			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	Middlesex-Somerset-Hunterdon, NJ PMSA New Jersey Hunterdon	5015	34	019
		012	Middlesex			023
		018	Somerset			035
189	44	165	Midland, TX MSA Texas Midland	5040	48	329
190	50	041	Milwaukee, WI PMSA Wisconsin Milwaukee	5080	55	079
		046	Ozaukee			089
		067	Washington			131
		068	Waukesha			133
191	24	002	Minneapolis-St. Paul, MN-WI MSA Minnesota Anoka	5120	27	003
		010	Carver			019
		013	Chisago			025
		019	Dakota			037
		027	Hennepin			053
		030	Isanti			059
		062	Ramsey			123
		070	Scott			139
		082	Washington			163
		086	Wright			171
	50		Wisconsin		55	
		056	St. Croix			109
192	01	002	Mobile, AL MSA Alabama Baldwin	5160	01	003
		049	Mobile			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			Area Name and County Components	FIPS Codes		
Area	State	County		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

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
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	Philadelphia, PA-NJ PMSA New Jersey Burlington Camden Gloucester	6160	34	005 007 015
	39	009 015 023 046 051	Pennsylvania Bucks Chester Delaware Montgomery Philadelphia, coext. with Philadelphia city		42	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 Wahlam	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



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
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

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
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

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
274	19	008 009	Shreveport, LA MSA Louisiana Bossier Caddo	7680	22	015 017
275	16	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	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	011 084	Terre Haute, IN MSA Indiana Clay Vigo	8320	18	021 167
290	04 44	046 019	Texarkana, TX-Texarkana, AR MSA Arkansas Miller Texas Bowie	8360	05 48	091 037
291	36	026 048 087	Toledo, OH MSA Ohio Fulton Lucas Wood	8400	39	051 095 173
292	17	089	Topeka, KS MSA Kansas Shawnee	8440	20	177
293	31	011	Trenton, NJ PMSA New Jersey Mercer	8480	34	021
294	03	010	Tucson, AZ MSA Arizona Pima	8520	04	019
295	37	019 057 066 072 073	Tulsa, OK MSA Oklahoma Creek Osage Rogers Tulsa Wagoner	8560	40	037 113 131 143 145
296	01	063	Tuscaloosa, AL MSA Alabama Tuscaloosa	8600	01	125
297	44	212	Tyler, TX MSA Texas Smith	8640	48	423
298	33	021 031	Utica-Rome, NY MSA New York Herkimer Oneida	8680	36	043 065
299	05	028 048	Vallejo-Fairfield-Napa, CA PMSA California Napa Solano	8720	06	055 095
300	48	006	Vancouver, WA PMSA Washington Clark	8725	53	011
301	44	235	Victoria, TX MSA Texas Victoria	8750	48	469
302	31	006	Vineland-Millville-Bridgeton, NJ PMSA New Jersey Cumberland	8760	34	011
303	05	054	Visalia-Tulare-Porterville, CA MSA California Tulare	8780	06	107
304	44	155	Waco, TX MSA Texas McLennan	8800	48	309

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		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				FIPS Codes		
Area	State	County	Area Name and County Components	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,  
 1992

(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.....	70,929	38,554	28,553	3,822	30,284	12,718	15,834	1,732
Alabama.....	631	14	615	2	617	283	332	2
Alaska.....	58	3	55	-	55	19	36	-
Arizona.....	451	12	426	13	439	163	263	13
Arkansas.....	286	11	274	1	275	110	164	1
California.....	3,824	64	3,361	399	3,760	1,231	2,130	399
Colorado.....	385	9	376	-	376	161	215	-
Connecticut.....	336	9	194	133	327	90	104	133
Delaware.....	69	-	64	5	69	25	39	5
Dist of Columbia..	243	8	211	24	235	113	98	24
Florida.....	1,507	23	1,428	56	1,484	630	798	56
Georgia.....	10,556	8,729	1,315	512	1,328	746	569	13
Hawaii.....	1,541	1,361	127	53	127	74	53	-
Idaho.....	87	1	85	1	86	31	54	1
Illinois.....	1,476	28	1,398	50	1,448	558	840	50
Indiana.....	613	6	604	3	607	221	383	3
Iowa.....	248	10	235	3	238	96	139	3
Kansas.....	214	5	205	4	209	75	130	4
Kentucky.....	386	5	378	3	381	169	209	3
Louisiana.....	573	27	464	82	546	173	291	82
Maine.....	87	3	69	15	84	21	48	15
Maryland.....	673	31	351	291	642	181	170	291
Massachusetts.....	494	9	485	-	485	209	276	-
Michigan.....	749	27	714	8	722	314	400	8
Minnesota.....	430	20	404	6	410	179	225	6
Mississippi.....	525	24	494	7	501	250	244	7
Missouri.....	525	25	496	4	500	204	292	4
Montana.....	73	1	72	-	72	24	48	-
Nebraska.....	176	3	170	3	173	73	97	3
Nevada.....	142	6	133	3	136	55	78	3
New Hampshire.....	79	1	78	-	78	28	50	-

FETAL DEATH DOCUMENTATION TABLE 1.  
 FETAL DEATHS BY PERIOD OF GESTATION AND STATE OF OCCURRENCE: UNITED STATES AND EACH STATE,  
 1992

(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.....	863	26	781	56	837	359	422	56
New Mexico.....	107	2	104	1	105	23	81	1
New York excluding New York City....	10,548	8,917	1,107	524	1,138	572	534	32
New York City....	13,013	10,357	2,090	566	2,134	1,211	879	44
North Carolina....	956	40	908	8	916	403	505	8
North Dakota.....	72	1	69	2	71	25	44	2
Ohio.....	1,198	30	1,157	11	1,168	502	655	11
Oklahoma.....	365	4	188	173	361	66	122	173
Oregon.....	271	5	264	2	266	112	152	2
Pennsylvania.....	2,050	548	1,390	112	1,502	731	659	112
Rhode Island.....	1,095	988	87	20	89	31	56	2
South Carolina....	586	25	555	6	561	270	285	6
South Dakota.....	61	-	61	-	61	7	54	-
Tennessee.....	476	12	460	4	464	124	336	4
Texas.....	2,122	85	1,915	122	2,037	769	1,146	122
Utah.....	278	15	258	5	263	131	127	5
Vermont.....	50	4	46	-	46	17	29	-
Virginia.....	8,236	7,001	722	513	729	429	293	7
Washington.....	466	6	447	13	460	182	265	13
West Virginia.....	171	2	167	2	169	67	100	2
Wisconsin.....	469	11	457	1	458	169	288	1
Wyoming.....	39	-	39	-	39	12	27	-



FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1992

(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.....	30,256	15,226	13,527	1,503
White.....	20,131	10,138	9,170	823
All Other.....	1,070	533	487	50
Black.....	9,055	4,555	3,870	630
Alabama.....	629	322	299	8
White.....	293	146	143	4
All Other.....	2	1	1	-
Black.....	334	175	155	4
Alaska.....	57	28	28	1
White.....	40	19	21	-
All Other.....	14	6	7	1
Black.....	3	3	-	-
Arizona.....	433	229	197	7
White.....	358	192	159	7
All Other.....	51	25	26	-
Black.....	24	12	12	-
Arkansas.....	286	157	124	5
White.....	164	90	72	2
All Other.....	2	1	1	-
Black.....	120	66	51	3
California.....	3,751	1,908	1,817	26
White.....	2,915	1,466	1,429	20
All Other.....	308	162	144	2
Black.....	528	280	244	4
Colorado.....	371	202	158	11
White.....	335	180	144	11
All Other.....	6	4	2	-
Black.....	30	18	12	-

FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1992

(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.....	322	169	141	12
White.....	240	128	105	7
All Other.....	6	3	3	-
Black.....	76	38	33	5
Delaware.....	62	32	27	3
White.....	41	21	18	2
All Other.....	2	1	1	-
Black.....	19	10	8	1
Dist of Columbia.....	143	72	63	8
White.....	12	6	6	-
All Other.....	-	-	-	-
Black.....	131	66	57	8
Florida.....	1,486	777	698	11
White.....	917	477	437	3
All Other.....	17	11	6	-
Black.....	552	289	255	8
Georgia.....	1,313	598	501	214
White.....	557	241	216	100
All Other.....	20	8	9	3
Black.....	736	349	276	111
Hawaii.....	127	54	53	20
White.....	45	17	18	10
All Other.....	76	36	31	9
Black.....	6	1	4	1
Idaho.....	91	38	50	3
White.....	89	36	50	3
All Other.....	2	2	-	-
Black.....	-	-	-	-

FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1992

(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.....	1,473	798	660	15
White.....	875	478	385	12
All Other.....	33	10	22	1
Black.....	565	310	253	2
Indiana.....	617	342	271	4
White.....	482	252	227	3
All Other.....	4	1	3	-
Black.....	131	89	41	1
Iowa.....	255	121	133	1
White.....	234	109	124	1
All Other.....	4	3	1	-
Black.....	17	9	8	-
Kansas.....	215	115	99	1
White.....	180	100	79	1
All Other.....	6	1	5	-
Black.....	29	14	15	-
Kentucky.....	390	203	182	5
White.....	323	164	155	4
All Other.....	1	1	-	-
Black.....	66	38	27	1
Louisiana.....	548	264	279	5
White.....	250	108	140	2
All Other.....	3	1	2	-
Black.....	295	155	137	3
Maine.....	87	50	36	1
White.....	81	47	33	1
All Other.....	3	1	2	-
Black.....	3	2	1	-

FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1992

(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.....	711	364	326	21
White.....	320	159	154	7
All Other.....	16	6	8	2
Black.....	375	199	164	12
Massachusetts.....	485	250	230	5
White.....	377	192	183	2
All Other.....	7	6	1	-
Black.....	101	52	46	3
Michigan.....	739	373	346	20
White.....	559	285	260	14
All Other.....	15	4	10	1
Black.....	165	84	76	5
Minnesota.....	407	200	206	1
White.....	351	169	181	1
All Other.....	25	18	7	-
Black.....	31	13	18	-
Mississippi.....	499	259	223	17
White.....	147	71	75	1
All Other.....	4	3	1	-
Black.....	348	185	147	16
Missouri.....	483	232	245	6
White.....	333	172	159	2
All Other.....	5	3	2	-
Black.....	145	57	84	4
Montana.....	85	45	39	1
White.....	73	37	35	1
All Other.....	11	7	4	-
Black.....	1	1	-	-

FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1992

(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.....	158	75	82	1
White.....	134	60	73	1
All Other.....	8	5	3	-
Black.....	16	10	6	-
Nevada.....	139	83	54	2
White.....	107	64	41	2
All Other.....	6	6	-	-
Black.....	26	13	13	-
New Hampshire.....	73	46	27	-
White.....	71	46	25	-
All Other.....	-	-	-	-
Black.....	2	-	2	-
New Jersey.....	890	452	387	51
White.....	549	280	237	32
All Other.....	34	16	15	3
Black.....	307	156	135	16
New Mexico.....	110	60	47	3
White.....	93	54	36	3
All Other.....	17	6	11	-
Black.....	-	-	-	-
New York.....	3,255	1,404	1,179	672
White.....	1,811	781	677	353
All Other.....	91	34	35	22
Black.....	1,353	589	467	297
North Carolina.....	917	476	430	11
White.....	466	233	227	6
All Other.....	24	14	10	-
Black.....	427	229	193	5

FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1992

(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.....	56	30	26	-
White.....	46	26	20	-
All Other.....	9	3	6	-
Black.....	1	1	-	-
Ohio.....	1,146	621	513	12
White.....	827	454	366	7
All Other.....	13	4	8	1
Black.....	306	163	139	4
Oklahoma.....	379	181	198	-
White.....	286	140	146	-
All Other.....	38	16	22	-
Black.....	55	25	30	-
Oregon.....	244	145	97	2
White.....	222	129	92	1
All Other.....	13	9	3	1
Black.....	9	7	2	-
Pennsylvania.....	1,490	714	638	138
White.....	1,100	536	482	82
All Other.....	20	10	8	2
Black.....	370	168	148	54
Rhode Island.....	81	38	41	2
White.....	70	31	37	2
All Other.....	1	1	-	-
Black.....	10	6	4	-
South Carolina.....	583	306	262	15
White.....	252	125	118	9
All Other.....	1	1	-	-
Black.....	330	180	144	6

FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1992

(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.....	65	26	39	-
White.....	48	17	31	-
All Other.....	17	9	8	-
Black.....	-	-	-	-
Tennessee.....	411	225	186	-
White.....	264	145	119	-
All Other.....	-	-	-	-
Black.....	147	80	67	-
Texas.....	2,004	1,058	937	9
White.....	1,537	831	699	7
All Other.....	55	27	27	1
Black.....	412	200	211	1
Utah.....	249	112	135	2
White.....	236	106	128	2
All Other.....	9	4	5	-
Black.....	4	2	2	-
Vermont.....	50	29	21	-
White.....	50	29	21	-
All Other.....	-	-	-	-
Black.....	-	-	-	-
Virginia.....	756	322	293	141
White.....	426	171	170	85
All Other.....	10	4	5	1
Black.....	320	147	118	55
Washington.....	466	251	211	4
White.....	382	205	173	4
All Other.....	38	24	14	-
Black.....	46	22	24	-

FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1992

(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.....	162	85	74	3
White.....	158	83	72	3
All Other.....	1	1	-	-
Black.....	3	1	2	-
Wisconsin.....	463	257	204	2
White.....	364	203	159	2
All Other.....	19	13	6	-
Black.....	80	41	39	-
Wyoming.....	44	28	15	1
White.....	41	27	13	1
All Other.....	3	1	2	-
Black.....	-	-	-	-



FETAL DEATH DOCUMENTATION TABLE 3  
 FETAL DEATHS BY BIRTH WEIGHT, RACE OF MOTHER, AND SEX: UNITED STATES, 1992

(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.....	30,256	3,418	3,737	6,253	2,722	2,431	2,456	2,216	2,004	1,086	369	159	83	3,322
MALE.....	15,226	1,687	1,984	3,217	1,413	1,256	1,285	1,112	1,008	579	213	94	50	1,328
FEMALE.....	13,527	1,382	1,655	2,904	1,281	1,159	1,156	1,086	994	505	154	64	31	1,156
SEX NOT STD.....	1,503	349	98	132	28	16	15	18	2	2	2	1	2	838
WHITE.....	20,131	2,223	2,319	3,924	1,770	1,608	1,697	1,602	1,553	850	286	121	57	2,121
MALE.....	10,138	1,108	1,244	1,954	911	843	908	784	794	450	161	71	35	875
FEMALE.....	9,170	935	1,024	1,895	845	758	784	808	758	399	123	49	21	771
SEX NOT STD.....	823	180	51	75	14	7	5	10	1	1	2	1	1	475
ALL OTHER.....	1,070	106	106	223	108	89	101	72	64	51	12	11	7	120
MALE.....	533	51	55	107	59	44	47	41	32	25	8	10	4	50
FEMALE.....	487	41	46	112	49	45	53	30	32	25	4	1	3	46
SEX NOT STD.....	50	14	5	4	-	-	1	1	-	1	-	-	-	24
BLACK.....	9,055	1,089	1,312	2,106	844	734	658	542	387	185	71	27	19	1,081
MALE.....	4,555	528	685	1,156	443	369	330	287	182	104	44	13	11	403
FEMALE.....	3,870	406	585	897	387	356	319	248	204	81	27	14	7	339
SEX NOT STD.....	630	155	42	53	14	9	9	7	1	-	-	-	1	339

FETAL DEATH DOCUMENTATION TABLE 4  
 FETAL DEATHS BY AGE OF MOTHER, RACE OF MOTHER, AND SEX: UNITED STATES, 1992

(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.....	30,256	195	4,289	7,409	7,713	6,527	3,278	794	51
MALE.....	15,226	94	2,195	3,714	3,804	3,328	1,648	412	31
FEMALE.....	13,527	87	1,915	3,360	3,505	2,854	1,454	333	19
SEX NOT STD.....	1,503	14	179	335	404	345	176	49	1
WHITE.....	20,131	73	2,449	4,737	5,351	4,583	2,347	555	36
MALE.....	10,138	34	1,240	2,372	2,638	2,344	1,195	294	21
FEMALE.....	9,170	35	1,130	2,199	2,476	2,034	1,051	231	14
SEX NOT STD.....	823	4	79	166	237	205	101	30	1
ALL OTHER.....	1,070	2	99	202	310	254	154	43	6
MALE.....	533	1	53	94	145	138	73	25	4
FEMALE.....	487	1	45	98	151	103	72	15	2
SEX NOT STD.....	50	-	1	10	14	13	9	3	-
BLACK.....	9,055	120	1,741	2,470	2,052	1,690	777	196	9
MALE.....	4,555	59	902	1,248	1,021	846	380	93	6
FEMALE.....	3,870	51	740	1,063	878	717	331	87	3
SEX NOT STD.....	630	10	99	159	153	127	66	16	-

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, 1992  
 (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 <u>1/</u>	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 <u>2/</u>											
ANEMIA.....	28,006	718	145	184	169	140	65	15	-	23,810	3,478
CARDIAC DISEASE.....	28,006	138	15	37	33	27	18	8	-	24,390	3,478
ACUTE OR CHRONIC LUNG DISEASE...	28,006	176	28	49	39	32	23	5	-	24,352	3,478
DIABETES.....	28,006	817	51	125	209	217	161	49	5	23,711	3,478
GENITAL HERPES.....	24,844	116	17	39	20	21	13	6	-	22,502	2,226
HYDRAMNIOS/OLIGOHYDRAMNIOS.....	26,848	941	121	240	243	204	100	30	3	22,649	3,258
HEMOGLOBINOPATHY.....	26,848	59	7	22	12	13	2	2	1	23,531	3,258
HYPERTENSION, CHRONIC.....	28,006	581	19	80	141	144	136	59	2	23,947	3,478
HYPERTENSION, PREGNANCY- ASSOCIATED.....	28,006	1,080	145	240	240	256	150	47	2	23,448	3,478
ECLAMPSIA.....	28,006	164	27	40	41	31	19	6	-	24,364	3,478
INCOMPETENT CERVIX.....	26,848	578	65	115	161	147	71	18	1	23,012	3,258
PREVIOUS INFANT 4000+ GRAMS.....	26,848	242	6	25	83	70	45	11	2	23,348	3,258
PREVIOUS PRETERM OR SMALL-FOR- GESTATIONAL-AGE INFANT.....	26,848	743	53	167	204	197	96	24	2	22,847	3,258
RENAL DISEASE.....	28,006	145	28	32	36	22	22	3	2	24,383	3,478
RH SENSITIZATION.....	27,726	155	19	33	45	39	15	4	-	24,128	3,443
UTERINE BLEEDING.....	26,002	1,105	162	282	275	233	115	36	2	22,451	2,446

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, 1992  
 (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.....	18,853	387	63	88	105	78	44	9	-	16,035	2,431
CARDIAC DISEASE.....	18,853	94	11	21	22	21	15	4	-	16,328	2,431
ACUTE OR CHRONIC LUNG DISEASE...	18,853	113	14	33	26	23	15	2	-	16,309	2,431
DIABETES.....	18,853	538	29	84	146	145	96	34	4	15,884	2,431
GENITAL HERPES.....	16,417	76	8	20	13	17	12	6	-	14,846	1,495
HYDRAMNIOS/OLIGOHYDRAMNIOS.....	17,954	709	80	181	180	165	80	21	2	14,981	2,264
HEMOGLOBINOPATHY.....	17,954	16	3	5	2	3	2	1	-	15,674	2,264
HYPERTENSION, CHRONIC.....	18,853	290	3	49	78	72	64	22	2	16,132	2,431
HYPERTENSION, PREGNANCY- ASSOCIATED.....	18,853	684	85	151	152	170	93	32	1	15,738	2,431
ECLAMPSIA.....	18,853	80	9	16	22	18	12	3	-	16,342	2,431
INCOMPETENT CERVIX.....	17,954	356	40	59	99	91	54	13	-	15,334	2,264
PREVIOUS INFANT 4000+ GRAMS.....	17,954	189	3	18	67	53	38	8	2	15,501	2,264
PREVIOUS PRETERM OR SMALL-FOR- GESTATIONAL-AGE INFANT.....	17,954	479	38	86	138	132	67	17	1	15,211	2,264
RENAL DISEASE.....	18,853	93	16	25	25	12	12	1	2	16,329	2,431
RH SENSITIZATION.....	18,625	124	12	23	38	36	12	3	-	16,102	2,399
UTERINE BLEEDING.....	17,316	739	100	174	187	169	81	27	1	14,915	1,662

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, 1992  
 (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.....	8,223	302	76	90	59	54	18	5	-	7,005	916
CARDIAC DISEASE.....	8,223	39	4	15	8	6	3	3	-	7,268	916
ACUTE OR CHRONIC LUNG DISEASE...	8,223	57	14	13	12	8	8	2	-	7,250	916
DIABETES.....	8,223	237	22	39	52	54	57	12	1	7,070	916
GENITAL HERPES.....	7,571	38	8	19	7	4	-	-	-	6,896	637
HYDRAMNIOS/OLIGOHYDRAMNIOS.....	7,983	194	38	52	51	33	14	6	-	6,921	868
HEMOGLOBINOPATHY.....	7,983	40	4	17	9	8	-	1	1	7,075	868
HYPERTENSION, CHRONIC.....	8,223	277	16	30	61	66	71	33	-	7,030	916
HYPERTENSION, PREGNANCY- ASSOCIATED.....	8,223	359	58	84	79	77	47	13	1	6,948	916
ECLAMPSIA.....	8,223	77	17	23	17	11	6	3	-	7,230	916
INCOMPETENT CERVIX.....	7,983	213	24	55	59	53	17	5	-	6,902	868
PREVIOUS INFANT 4000+ GRAMS.....	7,983	43	2	6	14	13	6	2	-	7,072	868
PREVIOUS PRETERM OR SMALL-FOR- GESTATIONAL-AGE INFANT.....	7,983	251	12	79	64	62	27	7	-	6,864	868
RENAL DISEASE.....	8,223	43	10	5	10	8	9	1	-	7,264	916
RH SENSITIZATION.....	8,194	28	7	9	6	2	3	1	-	7,252	914
UTERINE BLEEDING.....	7,811	332	60	100	79	56	30	6	1	6,794	685

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, 1992  
 (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.....	20,318	134	3,118	1,253	1,865	5,150	5,082	4,246	2,074	514
SMOKER.....	3,896	14	533	173	360	1,086	1,039	794	340	90
1-5 CIGARETTES.....	700	5	130	54	76	217	176	119	37	16
6-10 CIGARETTES.....	1,234	3	175	51	124	327	352	246	106	25
11-15 CIGARETTES.....	162	1	10	3	7	48	43	39	16	5
16-20 CIGARETTES.....	914	3	111	29	82	258	260	190	74	18
21-30 CIGARETTES.....	136	-	11	4	7	42	22	34	20	7
31-40 CIGARETTES.....	86	-	7	-	7	17	18	22	18	4
41 CIGARETTES OR MORE.....	16	-	3	1	2	3	4	3	3	-
NOT STATED.....	648	2	86	31	55	174	164	141	66	15
NON-SMOKER.....	13,236	95	2,111	871	1,240	3,279	3,252	2,769	1,390	340
NOT STATED.....	3,186	25	474	209	265	785	791	683	344	84

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, 1992  
 (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.....	13,597	47	1,747	642	1,105	3,277	3,585	3,037	1,546	358
SMOKER.....	2,796	10	436	149	287	829	729	500	236	56
1-5 CIGARETTES.....	405	3	96	42	54	119	105	53	19	10
6-10 CIGARETTES.....	884	3	147	49	98	263	242	146	72	11
11-15 CIGARETTES.....	132	1	10	3	7	42	32	31	13	3
16-20 CIGARETTES.....	750	2	100	27	73	224	204	147	60	13
21-30 CIGARETTES.....	113	-	11	4	7	35	18	27	16	6
31-40 CIGARETTES.....	67	-	5	-	5	14	15	14	15	4
41 CIGARETTES OR MORE.....	10	-	3	1	2	1	2	2	2	-
NOT STATED.....	435	1	64	23	41	131	111	80	39	9
NON-SMOKER.....	8,659	26	1,038	376	662	1,940	2,309	2,044	1,063	239
NOT STATED.....	2,142	11	273	117	156	508	547	493	247	63

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, 1992  
 (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.....	6,211	85	1,324	595	729	1,773	1,336	1,100	457	136
SMOKER.....	1,038	3	93	22	71	232	298	283	96	33
1-5 CIGARETTES.....	281	2	32	12	20	91	68	65	18	5
6-10 CIGARETTES.....	330	-	28	2	26	58	106	93	31	14
11-15 CIGARETTES.....	24	-	-	-	-	5	8	7	2	2
16-20 CIGARETTES.....	155	1	10	1	9	29	55	42	13	5
21-30 CIGARETTES.....	22	-	-	-	-	6	4	7	4	1
31-40 CIGARETTES.....	18	-	2	-	2	3	3	8	2	-
41 CIGARETTES OR MORE.....	6	-	-	-	-	2	2	1	1	-
NOT STATED.....	202	-	21	7	14	38	52	60	25	6
NON-SMOKER.....	4,224	68	1,040	483	557	1,280	830	647	274	85
NOT STATED.....	949	14	191	90	101	261	208	170	87	18

1/ INCLUDES RACES OTHER THAN WHITE AND BLACK.



FETAL DEATH DOCUMENTATION TABLE 7  
 FETAL DEATHS BY DRINKING STATUS OF MOTHER AND BY MOTHER'S AVERAGE NUMBER OF DRINKS PER WEEK, BY AGE AND RACE OF MOTHER: TOTAL OF 42  
 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1992  
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.)

DRINKING STATUS, AVERAGE NUMBER OF DRINKS PER WEEK, AND RACE OF MOTHER	ALL AGES	AGE OF MOTHER								
		UNDER 15 YEARS	15-19 years			20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-49 YEARS
			TOTAL	15-17 YEARS	18-19 YEARS					
ALL RACES <sup>1/</sup> .....	20,935	142	3,218	1,289	1,929	5,308	5,245	4,367	2,129	526
DRINKER.....	838	3	70	23	47	198	230	214	97	26
1 DRINK OR LESS.....	151	1	7	3	4	37	55	30	18	3
2 DRINKS.....	84	-	6	4	2	20	14	19	22	3
3-4 DRINKS.....	58	-	3	2	1	12	19	18	4	2
5 DRINKS OR MORE.....	113	-	12	5	7	23	25	32	15	6
NOT STATED.....	432	2	42	9	33	106	117	115	38	12
NON-DRINKER.....	16,505	108	2,616	1,039	1,577	4,208	4,116	3,394	1,657	406
NOT STATED.....	3,592	31	532	227	305	902	899	759	375	94
WHITE.....	14,079	49	1,819	669	1,150	3,389	3,725	3,139	1,592	366
DRINKER.....	401	3	40	10	30	102	97	94	49	16
1 DRINK OR LESS.....	75	1	2	1	1	15	24	20	10	3
2 DRINKS.....	37	-	3	2	1	10	7	7	9	1
3-4 DRINKS.....	26	-	1	1	-	4	9	6	4	2
5 DRINKS OR MORE.....	48	-	8	2	6	12	7	12	7	2
NOT STATED.....	215	2	26	4	22	61	50	49	19	8
NON-DRINKER.....	11,238	31	1,470	530	940	2,694	3,000	2,493	1,270	280
NOT STATED.....	2,440	15	309	129	180	593	628	552	273	70
BLACK.....	6,342	91	1,352	604	748	1,818	1,357	1,118	466	140
DRINKER.....	413	-	28	12	16	92	124	116	44	9
1 DRINK OR LESS.....	70	-	5	2	3	19	28	10	8	-
2 DRINKS.....	46	-	3	2	1	10	7	12	12	2
3-4 DRINKS.....	32	-	2	1	1	8	10	12	-	-
5 DRINKS OR MORE.....	63	-	3	3	-	11	17	20	8	4
NOT STATED.....	202	-	15	4	11	44	62	62	16	3
NON-DRINKER.....	4,881	75	1,114	496	618	1,437	999	816	329	111
NOT STATED.....	1,048	16	210	96	114	289	234	186	93	20

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

FETAL DEATH DOCUMENTATION TABLE 8  
 FETAL DEATHS BY WEIGHT GAIN DURING PREGNANCY, BY AGE AND RACE OF MOTHER: TOTAL OF 44 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1992  
 (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							
		LESS THAN 10 POUNDS	10-14 POUNDS	15-19 POUNDS	20-24 POUNDS	25-29 POUNDS	30-34 POUNDS	35 POUNDS OR MORE	NOT STATED
ALL RACES <sup>1/</sup> .....	24,255	2,668	2,485	1,927	2,189	1,387	1,400	1,997	10,202
UNDER 20 YEARS.....	3,715	478	372	295	300	191	197	278	1,604
20-24 YEARS.....	5,976	735	660	436	535	327	313	493	2,477
25-29 YEARS.....	6,131	641	609	511	560	365	364	566	2,515
30-34 YEARS.....	5,225	489	533	435	469	301	340	446	2,212
35-39 YEARS.....	2,570	261	248	197	258	159	147	181	1,119
40-49 YEARS.....	638	64	63	53	67	44	39	33	275
WHITE.....	15,938	1,694	1,630	1,366	1,503	1,017	1,020	1,502	6,206
UNDER 20 YEARS.....	2,049	247	197	182	178	113	120	187	825
20-24 YEARS.....	3,748	447	395	282	351	225	215	376	1,457
25-29 YEARS.....	4,230	435	430	386	397	290	272	441	1,579
30-34 YEARS.....	3,633	342	378	331	339	228	263	334	1,418
35-39 YEARS.....	1,849	182	188	149	192	131	121	140	746
40-49 YEARS.....	429	41	42	36	46	30	29	24	181
BLACK.....	7,695	917	794	510	612	335	355	454	3,718
UNDER 20 YEARS.....	1,612	226	172	111	115	74	73	86	755
20-24 YEARS.....	2,114	282	252	140	173	95	95	109	968
25-29 YEARS.....	1,707	179	165	112	144	68	84	109	846
30-34 YEARS.....	1,447	136	139	93	112	66	73	104	724
35-39 YEARS.....	633	75	49	40	50	19	23	37	340
40-49 YEARS.....	182	19	17	14	18	13	7	9	85

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

FETAL DEATH DOCUMENTATION TABLE 9  
 FETAL DEATHS WITH SELECTED OBSTETRIC PROCEDURES BY AGE AND RACE OF MOTHER: TOTAL OF 45 REPORTING STATES AND  
 THE DISTRICT OF COLUMBIA, 1992

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.....	28,006	1,695	109	246	340	370	485	145	23,356	2,955
ELECTRONIC FETAL MONITORING.....	28,006	7,069	1,053	1,848	1,772	1,497	718	181	17,982	2,955
INDUCTION OF LABOR.....	28,006	6,994	945	1,644	1,821	1,560	805	219	18,057	2,955
STIMULATION OF LABOR.....	28,006	2,115	324	534	487	476	236	58	22,936	2,955
TOCOLYSIS.....	28,006	797	118	187	220	148	97	27	24,254	2,955
ULTRASOUND.....	26,533	14,130	2,009	3,442	3,628	3,109	1,528	414	9,690	2,713
WHITE										
AMNIOCENTESIS.....	18,853	1,377	84	194	268	317	400	114	15,481	1,995
ELECTRONIC FETAL MONITORING.....	18,853	4,650	559	1,191	1,245	1,034	501	120	12,208	1,995
INDUCTION OF LABOR.....	18,853	5,170	638	1,210	1,381	1,171	608	162	11,688	1,995
STIMULATION OF LABOR.....	18,853	1,462	193	354	352	339	178	46	15,396	1,995
TOCOLYSIS.....	18,853	607	83	132	170	117	85	20	16,251	1,995
ULTRASOUND.....	17,978	9,741	1,192	2,295	2,597	2,242	1,135	280	6,352	1,885
BLACK										
AMNIOCENTESIS.....	8,223	257	25	48	53	41	70	20	7,098	868
ELECTRONIC FETAL MONITORING.....	8,223	2,214	479	622	462	412	184	55	5,141	868
INDUCTION OF LABOR.....	8,223	1,572	294	398	368	319	153	40	5,783	868
STIMULATION OF LABOR.....	8,223	591	123	169	118	119	51	11	6,764	868
TOCOLYSIS.....	8,223	169	32	51	44	26	9	7	7,186	868
ULTRASOUND.....	7,658	3,957	784	1,072	900	752	336	113	2,961	740

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, 1992

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

COMPLICATIONS AND RACE OF MOTHER	ALL FETAL DEATHS 1/	COMPLICATION REPORTED								COMPLI- CATION NOT REPORTED	NOT STATED
		AGE OF MOTHER									
		ALL AGES	UNDER 20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS		
ALL RACES 2/											
FEBRILE.....	28,006	1,146	145	273	306	264	132	26	-	23,138	3,722
MECONIUM, MODERATE/HEAVY.....	28,006	1,392	221	329	354	299	147	41	1	22,892	3,722
PREMATURE RUPTURE OF MEMBRANE.....	28,006	2,042	258	476	520	512	238	38	-	22,242	3,722
ABRUPTIO PLACENTA.....	28,006	2,221	395	580	540	437	221	48	-	22,063	3,722
PLACENTA PREVIA.....	28,006	246	39	62	51	61	30	3	-	24,038	3,722
OTHER EXCESSIVE BLEEDING.....	28,006	376	55	80	112	77	45	7	-	23,908	3,722
SEIZURES DURING LABOR.....	28,006	29	2	8	7	9	2	1	-	24,255	3,722
PRECIPITOUS LABOR.....	28,006	339	52	91	77	74	32	10	3	23,945	3,722
PROLONGED LABOR.....	28,006	160	22	38	41	34	19	6	-	24,124	3,722
DYSFUNCTIONAL LABOR.....	28,006	168	18	41	48	34	21	6	-	24,116	3,722
BREECH/MALPRESENTATION.....	28,006	2,957	511	737	722	603	316	65	3	21,327	3,722
CEPHALOPELVIC DISPROPORTION.....	24,844	144	19	32	36	38	14	5	-	22,150	2,550
CORD PROLAPSE.....	28,006	523	101	111	130	107	55	17	2	23,761	3,722
ANESTHETIC COMPLICATIONS.....	26,002	20	3	4	5	4	3	1	-	23,205	2,777
FETAL DISTRESS.....	26,002	632	84	182	152	126	66	22	-	22,593	2,777

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, 1992  
 [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.....	18,853	727	80	159	197	176	98	17	-	15,546	2,580
MECONIUM, MODERATE/HEAVY.....	18,853	1,006	128	227	284	231	107	29	-	15,267	2,580
PREMATURE RUPTURE OF MEMBRANE.....	18,853	1,254	146	274	314	338	156	26	-	15,019	2,580
ABRUPTIO PLACENTA.....	18,853	1,473	240	374	376	300	156	27	-	14,800	2,580
PLACENTA PREVIA.....	18,853	162	24	34	38	42	23	1	-	16,111	2,580
OTHER EXCESSIVE BLEEDING.....	18,853	260	31	53	82	56	34	4	-	16,013	2,580
SEIZURES DURING LABOR.....	18,853	19	1	5	6	6	1	-	-	16,254	2,580
PRECIPITOUS LABOR.....	18,853	221	31	54	50	55	21	8	2	16,052	2,580
PROLONGED LABOR.....	18,853	120	13	33	26	27	16	5	-	16,153	2,580
DYSFUNCTIONAL LABOR.....	18,853	125	9	28	37	27	18	6	-	16,148	2,580
BREECH/MALPRESENTATION.....	18,853	1,980	304	480	499	429	221	45	2	14,293	2,580
CEPHALOPELVIC DISPROPORTION...	16,417	114	13	23	32	32	11	3	-	14,591	1,712
CORD PROLAPSE.....	18,853	349	51	72	93	76	44	12	1	15,924	2,580
ANESTHETIC COMPLICATIONS.....	17,316	13	1	4	2	3	2	1	-	15,419	1,884
FETAL DISTRESS.....	17,316	443	53	114	114	96	52	14	-	14,989	1,884

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, 1992  
 [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.....	8,223	380	60	109	97	76	29	9	-	6,832	1,011
MECONIUM, MODERATE/HEAVY.....	8,223	336	86	92	56	58	36	7	1	6,876	1,011
PREMATURE RUPTURE OF MEMBRANE.....	8,223	748	109	194	197	164	74	10	-	6,464	1,011
ABRUPTIO PLACENTA.....	8,223	694	150	194	152	123	54	21	-	6,518	1,011
PLACENTA PREVIA.....	8,223	74	15	25	11	15	6	2	-	7,138	1,011
OTHER EXCESSIVE BLEEDING.....	8,223	98	23	24	26	16	6	3	-	7,114	1,011
SEIZURES DURING LABOR.....	8,223	6	1	3	-	2	-	-	-	7,206	1,011
PRECIPITOUS LABOR.....	8,223	107	21	34	22	19	9	1	1	7,105	1,011
PROLONGED LABOR.....	8,223	36	8	5	14	6	2	1	-	7,176	1,011
DYSFUNCTIONAL LABOR.....	8,223	36	7	12	9	6	2	-	-	7,176	1,011
BREECH/MALPRESENTATION.....	8,223	873	197	239	191	153	77	16	-	6,339	1,011
CEPHALOPELVIC DISPROPORTION.....	7,571	24	5	8	4	5	1	1	-	6,806	741
CORD PROLAPSE.....	8,223	163	49	36	32	30	11	4	1	7,049	1,011
ANESTHETIC COMPLICATIONS.....	7,811	7	2	-	3	1	1	-	-	7,012	792
FETAL DISTRESS.....	7,811	171	30	63	34	27	10	7	-	6,848	792

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, 1992  
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE; SEE TECHNICAL APPENDIX.  
 FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.)

AGE AND RACE OF MOTHER	ALL FETAL DEATHS	METHOD OF DELIVERY											
		VAGINAL							CESAREAN			HYSTE- ROTOMY OR HYSTE- RECTOMY	NOT STATED
		TOTAL	VAGINAL BIRTH AFTER CESAREAN			OTHER VAGINAL			TOTAL	PRIMARY	REPEAT		
			ALL <u>1/</u>	FORCEPS	VACUUM	ALL <u>1/</u>	FORCEPS	VACUUM					
ALL RACES <u>2/</u>	28,006	22,745	798	14	18	21,947	375	344	2,479	1,725	754	118	2,664
UNDER 15 YEARS.....	183	145	-	-	-	145	-	-	14	14	-	1	23
15-19 YEARS.....	3,977	3,348	29	-	-	3,319	41	39	262	239	23	11	356
20-24 YEARS.....	6,873	5,620	175	1	7	5,445	83	90	568	410	158	32	653
25-29 YEARS.....	7,130	5,763	216	4	4	5,547	120	87	678	445	233	32	657
30-34 YEARS.....	6,039	4,853	235	4	6	4,618	75	61	567	366	201	26	593
35-39 YEARS.....	3,025	2,391	116	4	1	2,275	45	54	304	194	110	14	316
40-44 YEARS.....	735	584	25	1	-	559	11	13	83	55	28	2	66
45-49 YEARS.....	44	41	2	-	-	39	-	-	3	2	1	-	-
WHITE	18,853	15,064	529	13	11	14,535	304	264	1,872	1,299	573	80	1,837
UNDER 15 YEARS.....	72	53	-	-	-	53	-	-	6	6	-	1	12
15-19 YEARS.....	2,308	1,919	12	-	-	1,907	32	21	172	157	15	4	213
20-24 YEARS.....	4,454	3,597	110	1	4	3,487	67	70	399	301	98	24	434
25-29 YEARS.....	5,018	3,987	148	4	3	3,839	95	70	557	363	194	18	456
30-34 YEARS.....	4,263	3,371	155	4	3	3,216	67	46	436	277	159	21	435
35-39 YEARS.....	2,194	1,704	86	3	1	1,618	35	46	241	154	87	12	237
40-44 YEARS.....	514	406	17	1	-	389	8	11	58	39	19	-	50
45-49 YEARS.....	30	27	1	-	-	26	-	-	3	2	1	-	-
BLACK	8,223	6,880	240	1	7	6,640	51	66	545	380	165	35	763
UNDER 15 YEARS.....	109	90	-	-	-	90	-	-	8	8	-	-	11
15-19 YEARS.....	1,592	1,366	17	-	-	1,349	9	17	86	78	8	7	133
20-24 YEARS.....	2,250	1,881	63	-	3	1,818	12	17	157	99	58	6	206
25-29 YEARS.....	1,833	1,531	60	-	1	1,471	17	11	107	72	35	14	181
30-34 YEARS.....	1,549	1,285	69	-	3	1,216	5	13	114	76	38	5	145
35-39 YEARS.....	701	578	23	1	-	555	5	6	50	32	18	1	72
40-44 YEARS.....	181	141	7	-	-	134	3	2	23	15	8	2	15
45-49 YEARS.....	8	8	1	-	-	7	-	-	-	-	-	-	-

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, 1992  
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE; SEE TECHNICAL APPENDIX.  
 FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.)

CONGENITAL ANOMALY AND RACE OF MOTHER	ALL FETAL DEATHS 1/	CONGENITAL ANOMALY REPORTED						CONGENI- TAL ANOMALY NOT REPORTED	NOT STATED
		Period of gestation							
		TOTAL 2/	20-27 WEEKS	28-31 WEEKS	32-36 WEEKS	37-39 WEEKS	40 WEEKS OR MORE		
ALL RACES 2/									
ANENCEPHALUS.....	24,641	401	163	49	96	36	48	20,492	3,748
SPINA BIFIDA/MENINGOCELE.....	24,641	150	91	12	21	15	7	20,743	3,748
HYDROCEPHALUS.....	24,641	263	135	41	39	26	16	20,630	3,748
MICROCEPHALUS.....	24,641	39	12	3	12	5	6	20,854	3,748
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES..	24,641	208	118	28	25	21	10	20,685	3,748
HEART MALFORMATIONS.....	24,641	294	131	41	61	36	19	20,599	3,748
OTHER CIRCULATORY/RESPIRATORY ANOMALIES.	24,641	167	64	31	35	16	14	20,726	3,748
RECTAL ATRESIA/STENOSIS.....	24,641	29	8	4	7	8	2	20,864	3,748
TRACHEO-ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA.....	24,641	28	5	6	9	6	-	20,865	3,748
OMPHALOCELE/GASTROSCHISIS.....	24,641	162	80	25	31	15	6	20,731	3,748
OTHER GASTROINTESTINAL ANOMALIES.....	24,641	102	30	19	31	7	11	20,791	3,748
MALFORMED GENITALIA.....	24,641	85	27	13	19	11	9	20,808	3,748
RENAL AGENESIS.....	24,641	102	57	17	12	7	6	20,791	3,748
OTHER UROGENITAL ANOMALIES.....	24,641	146	71	22	23	13	12	20,747	3,748
CLEFT LIP/PALATE.....	24,641	156	52	31	39	16	15	20,737	3,748
POLYDACTYLY/SYNDACTYLY/ADACTYLY.....	24,641	95	32	16	30	7	8	20,798	3,748
CLUB FOOT.....	24,641	115	59	12	22	14	7	20,778	3,748
DIAPHRAGMATIC HERNIA.....	24,641	35	11	7	10	3	2	20,858	3,748
OTHER MUSCULOSKELETAL/INTEGUMENTAL ANOMALIES.....	24,641	233	100	35	45	24	22	20,660	3,748
DOWN'S SYNDROME.....	24,641	138	61	14	21	25	11	20,755	3,748
OTHER CHROMOSOMAL ANOMALIES.....	24,641	356	180	41	60	39	26	20,537	3,748



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, 1992  
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE; SEE TECHNICAL APPENDIX.  
 FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.)-Continued

CONGENITAL ANOMALY AND RACE OF MOTHER	ALL FETAL DEATHS 1/	CONGENITAL ANOMALY REPORTED						CONGENI- TAL ANOMALY NOT REPORTED	NOT STATED
		Period of gestation							
		TOTAL 2/	20-27 WEEKS	28-31 WEEKS	32-36 WEEKS	37-39 WEEKS	40 WEEKS OR MORE		
WHITE									
ANENCEPHALUS.....	16,949	331	138	41	80	24	41	14,026	2,592
SPINA BIFIDA/MENINGOCELE.....	16,949	128	79	12	17	11	6	14,229	2,592
HYDROCEPHALUS.....	16,949	211	118	33	25	20	10	14,146	2,592
MICROCEPHALUS.....	16,949	33	11	2	10	4	6	14,324	2,592
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES..	16,949	168	98	21	18	17	9	14,189	2,592
HEART MALFORMATIONS.....	16,949	247	115	33	49	31	15	14,110	2,592
OTHER CIRCULATORY/RESPIRATORY ANOMALIES..	16,949	131	49	24	32	13	8	14,226	2,592
RECTAL ATRESIA/STENOSIS.....	16,949	25	7	2	6	8	2	14,332	2,592
TRACHEO-ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA.....	16,949	22	4	4	9	5	-	14,335	2,592
OMPHALOCELE/GASTROSCHISIS.....	16,949	133	65	22	28	9	5	14,224	2,592
OTHER GASTROINTESTINAL ANOMALIES.....	16,949	78	23	13	24	6	9	14,279	2,592
MALFORMED GENITALIA.....	16,949	66	23	9	14	9	7	14,291	2,592
RENAL AGENESIS.....	16,949	90	51	14	10	7	5	14,267	2,592
OTHER UROGENITAL ANOMALIES.....	16,949	123	58	16	20	13	12	14,234	2,592
CLEFT LIP/PALATE.....	16,949	121	39	22	34	12	11	14,236	2,592
POLYDACTYLY/SYNDACTYLY/ADACTYLY.....	16,949	76	26	14	25	4	6	14,281	2,592
CLUB FOOT.....	16,949	89	45	10	17	12	4	14,268	2,592
DIAPHRAGMATIC HERNIA.....	16,949	29	9	6	8	2	2	14,328	2,592
OTHER MUSCULOSKELETAL/INTEGUMENTAL ANOMALIES.....	16,949	181	80	24	37	21	16	14,176	2,592
DOWN'S SYNDROME.....	16,949	114	54	10	16	22	8	14,243	2,592
OTHER CHROMOSOMAL ANOMALIES.....	16,949	290	144	37	52	34	15	14,067	2,592

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, 1992  
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE; SEE TECHNICAL APPENDIX.  
 FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.)-Continued

CONGENITAL ANOMALY AND RACE OF MOTHER	ALL FETAL DEATHS 1/	CONGENITAL ANOMALY REPORTED						CONGENI- TAL ANOMALY NOT REPORTED	NOT STATED
		Period of gestation							
		TOTAL 2/	20-27 WEEKS	28-31 WEEKS	32-36 WEEKS	37-39 WEEKS	40 WEEKS OR MORE		
BLACK									
ANENCEPHALUS.....	6,870	53	19	7	13	8	4	5,779	1,038
SPINA BIFIDA/MENINGOCELE.....	6,870	18	10	-	4	2	1	5,814	1,038
HYDROCEPHALUS.....	6,870	42	15	7	10	6	4	5,790	1,038
MICROCEPHALUS.....	6,870	5	1	1	2	1	-	5,827	1,038
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES..	6,870	36	18	7	7	2	1	5,796	1,038
HEART MALFORMATIONS.....	6,870	35	9	7	10	4	3	5,797	1,038
OTHER CIRCULATORY/RESPIRATORY ANOMALIES.	6,870	28	11	5	3	3	4	5,804	1,038
RECTAL ATRESIA/STENOSIS.....	6,870	3	-	2	1	-	-	5,829	1,038
TRACHEO-ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA.....	6,870	5	-	2	-	1	-	5,827	1,038
OMPHALOCELE/GASTROSCHISIS.....	6,870	25	14	3	3	5	-	5,807	1,038
OTHER GASTROINTESTINAL ANOMALIES.....	6,870	20	6	6	5	1	1	5,812	1,038
MALFORMED GENITALIA.....	6,870	13	2	4	3	2	1	5,819	1,038
RENAL AGENESIS.....	6,870	11	5	3	2	-	1	5,821	1,038
OTHER UROGENITAL ANOMALIES.....	6,870	20	11	5	3	-	-	5,812	1,038
CLEFT LIP/PALATE.....	6,870	26	11	8	2	3	2	5,806	1,038
POLYDACTYLY/SYNDACTYLY/ADACTYLY.....	6,870	16	4	2	4	3	2	5,816	1,038
CLUB FOOT.....	6,870	23	12	2	4	2	3	5,809	1,038
DIAPHRAGMATIC HERNIA.....	6,870	4	1	1	1	1	-	5,828	1,038
OTHER MUSCULOSKELETAL/INTEGUMENTAL ANOMALIES.....	6,870	45	19	11	6	1	6	5,787	1,038
DOWN'S SYNDROME.....	6,870	14	4	3	2	2	1	5,818	1,038
OTHER CHROMOSOMAL ANOMALIES.....	6,870	41	22	3	5	3	6	5,791	1,038

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, 1992. (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 .....	70,929			30,284		
<b>GESTATION</b>						
CLINICAL ESTIMATE .....		10,481	14.8		6,446	21.3
AS COMPUTED .....		14,329	20.2		5,161	17.0
COMBINED .....		3,822	5.4		1,732	5.7
PLACE OF DELIVERY .....		50	0.1		33	0.1
<b>PRENATAL CARE</b>						
MONTH BEGAN .....		24,313	34.3		4,154	13.7
NUMBER OF VISITS .....		25,584	36.1		4,880	16.1
<b>FETUS</b>						
SEX <sup>1</sup> .....		37,949	53.5		-	*
BIRTH WEIGHT .....		39,911	56.3		3,324	11.0
<b>MOTHER</b>						
MARITAL STATUS .....		33,180	46.8		11,909	39.3
EDUCATION .....		27,390	38.6		4,996	16.5
HISPANIC ORIGIN .....		15,402	21.7		3,722	12.3
<b>PREGNANCY HISTORY</b>						
BORN LIVE, NOW LIVING .....		5,360	7.6		1,471	4.9
BORN LIVE, NOW DEAD .....		5,504	7.8		1,543	5.1
OTHER TERMINATIONS .....		5,673	8.0		1,619	5.3
<b>FATHER</b>						
RACE .....		37,211	52.5		8,968	29.6
AGE .....		41,960	59.2		10,722	35.4
EDUCATION .....		43,305	61.1		11,483	37.9
HISPANIC ORIGIN .....		40,444	57.0		10,682	35.3
MEDICAL RISK FACTORS .....		21,271	30.0		5,662	18.7
<b>OTHER RISK FACTORS</b>						
TOBACCO USE DURING PREGNANCY .....		44,487	62.7		13,014	43.0
ALCOHOL USE DURING PREGNANCY .....		44,588	62.9		12,835	42.4
WEIGHT GAIN DURING PREGNANCY .....		49,278	69.5		16,175	53.4
OBSTETRIC PROCEDURES .....		19,407	27.4		5,136	17.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		23,147	32.6		5,902	19.5
CONGENITAL ANOMALIES OF FETUS .....		40,085	56.5		9,290	30.7
UNDERLYING CAUSE OF DEATH .....		70,929	100.0		30,284	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	631			617		
GESTATION						
CLINICAL ESTIMATE .....		13	*		13	*
AS COMPUTED .....		72	11.4		72	11.7
COMBINED .....		2	*		2	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		16	*		16	*
NUMBER OF VISITS .....		21	3.3		21	3.4
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		24	3.8		23	3.7
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		23	3.6		23	3.7
HISPANIC ORIGIN .....		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		4	*		4	*
BORN LIVE, NOW DEAD .....		4	*		4	*
OTHER TERMINATIONS .....		4	*		4	*
FATHER						
RACE .....		317	50.2		309	50.1
AGE .....		329	52.1		321	52.0
EDUCATION .....		326	51.7		318	51.5
HISPANIC ORIGIN .....		317	50.2		309	50.1
MEDICAL RISK FACTORS .....		17	*		17	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		-	*		-	*
ALCOHOL USE DURING PREGNANCY		-	*		-	*
WEIGHT GAIN DURING PREGNANCY ..		155	24.6		150	24.3
OBSTETRIC PROCEDURES .....		18	*		18	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		20	3.2		20	3.2
CONGENITAL ANOMALIES OF FETUS .....		23	3.6		22	3.6
UNDERLYING CAUSE OF DEATH .....		631	100.0		617	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	58			55		
GESTATION						
CLINICAL ESTIMATE .....		1	*		1	*
AS COMPUTED .....		1	*		1	*
COMBINED .....		-	*		-	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		-	*		-	*
NUMBER OF VISITS .....		-	*		-	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		3	*		2	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		5	*		5	*
HISPANIC ORIGIN .....		2	*		2	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		-	*		-	*
BORN LIVE, NOW DEAD .....		-	*		-	*
OTHER TERMINATIONS .....		-	*		-	*
FATHER						
RACE .....		8	*		7	*
AGE .....		10	*		9	*
EDUCATION .....		11	*		10	*
HISPANIC ORIGIN .....		8	*		7	*
MEDICAL RISK FACTORS .....		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		1	*		1	*
ALCOHOL USE DURING PREGNANCY .....		2	*		2	*
WEIGHT GAIN DURING PREGNANCY ..		6	*		6	*
OBSTETRIC PROCEDURES .....		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		-	*		-	*
CONGENITAL ANOMALIES OF FETUS .....		-	*		-	*
UNDERLYING CAUSE OF DEATH .....		58	100.0		55	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	451			439		
GESTATION						
CLINICAL ESTIMATE .....		13	*		13	*
AS COMPUTED .....		122	27.1		118	26.9
COMBINED .....		13	*		13	*
PLACE OF DELIVERY .....		1	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		62	13.7		59	13.4
NUMBER OF VISITS .....		84	18.6		79	18.0
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		27	6.0		25	5.7
MOTHER						
MARITAL STATUS .....		4	*		4	*
EDUCATION .....		38	8.4		37	8.4
HISPANIC ORIGIN .....		8	*		8	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		11	*		10	*
BORN LIVE, NOW DEAD .....		17	*		16	*
OTHER TERMINATIONS .....		17	*		16	*
FATHER						
RACE .....		154	34.1		146	33.3
AGE .....		195	43.2		187	42.6
EDUCATION .....		182	40.4		174	39.6
HISPANIC ORIGIN .....		150	33.3		142	32.3
MEDICAL RISK FACTORS .....		9	*		9	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		29	6.4		28	6.4
ALCOHOL USE DURING PREGNANCY .....		34	7.5		33	7.5
WEIGHT GAIN DURING PREGNANCY .....		192	42.6		184	41.9
OBSTETRIC PROCEDURES .....		4	*		4	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		6	*		6	*
CONGENITAL ANOMALIES OF FETUS .....		9	*		9	*
UNDERLYING CAUSE OF DEATH .....		451	100.0		439	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	286			275		
GESTATION						
CLINICAL ESTIMATE .....		6	*		6	*
AS COMPUTED .....		48	16.8		47	17.1
COMBINED .....		1	*		1	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		31	10.8		30	10.9
NUMBER OF VISITS .....		38	13.3		36	13.1
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		12	*		12	*
MOTHER						
MARITAL STATUS .....		1	*		1	*
EDUCATION .....		31	10.8		29	10.5
HISPANIC ORIGIN .....		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		1	*		1	*
BORN LIVE, NOW DEAD .....		1	*		1	*
OTHER TERMINATIONS .....		1	*		1	*
FATHER						
RACE .....		105	36.7		99	36.0
AGE .....		120	42.0		114	41.5
EDUCATION .....		121	42.3		115	41.8
HISPANIC ORIGIN .....		101	35.3		95	34.5
MEDICAL RISK FACTORS .....		1	*		1	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		9	*		9	*
ALCOHOL USE DURING PREGNANCY		11	*		11	*
WEIGHT GAIN DURING PREGNANCY ..		87	30.4		79	28.7
OBSTETRIC PROCEDURES .....		1	*		1	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		5	*		5	*
CONGENITAL ANOMALIES OF FETUS .....		5	*		5	*
UNDERLYING CAUSE OF DEATH .....		286	100.0		275	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	3,824			3,760		
<b>GESTATION</b>						
CLINICAL ESTIMATE .....		3,824	100.0		3,760	100.0
AS COMPUTED .....		370	9.7		370	9.8
COMBINED .....		399	10.4		399	10.6
PLACE OF DELIVERY .....		2	*		2	*
<b>PRENATAL CARE</b>						
MONTH BEGAN .....		277	7.2		275	7.3
NUMBER OF VISITS .....		318	8.3		316	8.4
<b>FETUS</b>						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		49	1.3		49	1.3
<b>MOTHER</b>						
MARITAL STATUS .....		3,824	100.0		3,760	100.0
EDUCATION .....		262	6.9		261	6.9
HISPANIC ORIGIN .....		54	1.4		53	1.4
<b>PREGNANCY HISTORY</b>						
BORN LIVE, NOW LIVING .....		147	3.8		147	3.9
BORN LIVE, NOW DEAD .....		151	3.9		151	4.0
OTHER TERMINATIONS .....		186	4.9		186	4.9
<b>FATHER</b>						
RACE .....		257	6.7		255	6.8
AGE .....		521	13.6		516	13.7
EDUCATION .....		531	13.9		527	14.0
HISPANIC ORIGIN .....		235	6.1		232	6.2
MEDICAL RISK FACTORS .....		535	14.0		528	14.0
<b>OTHER RISK FACTORS</b>						
TOBACCO USE DURING PREGNANCY .....		3,824	100.0		3,760	100.0
ALCOHOL USE DURING PREGNANCY .....		3,824	100.0		3,760	100.0
WEIGHT GAIN DURING PREGNANCY ..		3,824	100.0		3,760	100.0
OBSTETRIC PROCEDURES .....		445	11.6		431	11.5
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		696	18.2		685	18.2
CONGENITAL ANOMALIES OF FETUS .....		477	12.5		471	12.5
UNDERLYING CAUSE OF DEATH .....		3,824	100.0		3,760	100.0

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



FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	385			376		
GESTATION						
CLINICAL ESTIMATE .....		1	*		1	*
AS COMPUTED .....		66	17.1		66	17.6
COMBINED .....		-	*		-	*
PLACE OF DELIVERY .....		1	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		53	13.8		51	13.6
NUMBER OF VISITS .....		58	15.1		55	14.6
FETUS						
SEX <sup>1</sup> .....		4	*		-	*
BIRTH WEIGHT .....		40	10.4		35	9.3
MOTHER						
MARITAL STATUS .....		10	*		10	*
EDUCATION .....		77	20.0		73	19.4
HISPANIC ORIGIN .....		34	8.8		32	8.5
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		12	*		12	*
BORN LIVE, NOW DEAD .....		14	*		14	*
OTHER TERMINATIONS .....		12	*		12	*
FATHER						
RACE .....		124	32.2		120	31.9
AGE .....		150	39.0		147	39.1
EDUCATION .....		154	40.0		148	39.4
HISPANIC ORIGIN .....		126	32.7		121	32.2
MEDICAL RISK FACTORS .....		54	14.0		51	13.6
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		83	21.6		81	21.5
ALCOHOL USE DURING PREGNANCY		88	22.9		86	22.9
WEIGHT GAIN DURING PREGNANCY ..		178	46.2		175	46.5
OBSTETRIC PROCEDURES .....		45	11.7		42	11.2
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		52	13.5		49	13.0
CONGENITAL ANOMALIES OF FETUS .....		61	15.8		58	15.4
UNDERLYING CAUSE OF DEATH .....		385	100.0		376	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	336			327		
GESTATION						
CLINICAL ESTIMATE .....		142	42.3		141	43.1
AS COMPUTED .....		197	58.6		194	59.3
COMBINED .....		133	39.6		133	40.7
PLACE OF DELIVERY .....		5	*		5	*
PRENATAL CARE						
MONTH BEGAN .....		177	52.7		174	53.2
NUMBER OF VISITS .....		176	52.4		174	53.2
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		29	8.6		29	8.9
MOTHER						
MARITAL STATUS .....		336	100.0		327	100.0
EDUCATION .....		226	67.3		222	67.9
HISPANIC ORIGIN .....		162	48.2		157	48.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		162	48.2		160	48.9
BORN LIVE, NOW DEAD .....		163	48.5		161	49.2
OTHER TERMINATIONS .....		163	48.5		161	49.2
FATHER						
RACE .....		93	27.7		90	27.5
AGE .....		98	29.2		95	29.1
EDUCATION .....		248	73.8		244	74.6
HISPANIC ORIGIN .....		204	60.7		197	60.2
MEDICAL RISK FACTORS .....		141	42.0		140	42.8
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		179	53.3		178	54.4
ALCOHOL USE DURING PREGNANCY .....		189	56.3		188	57.5
WEIGHT GAIN DURING PREGNANCY ..		274	81.5		267	81.7
OBSTETRIC PROCEDURES .....		131	39.0		131	40.1
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		141	42.0		141	43.1
CONGENITAL ANOMALIES OF FETUS .....		171	50.9		169	51.7
UNDERLYING CAUSE OF DEATH .....		336	100.0		327	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	69			69		
GESTATION						
CLINICAL ESTIMATE .....		5	*		5	*
AS COMPUTED .....		13	*		13	*
COMBINED .....		5	*		5	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		8	*		8	*
NUMBER OF VISITS .....		5	*		5	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		10	*		10	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		6	*		6	*
HISPANIC ORIGIN .....		4	*		4	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		4	*		4	*
BORN LIVE, NOW DEAD .....		4	*		4	*
OTHER TERMINATIONS .....		4	*		4	*
FATHER						
RACE .....		26	37.7		26	37.7
AGE .....		28	40.6		28	40.6
EDUCATION .....		28	40.6		28	40.6
HISPANIC ORIGIN .....		27	39.1		27	39.1
MEDICAL RISK FACTORS .....		5	*		5	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		9	*		9	*
ALCOHOL USE DURING PREGNANCY		8	*		8	*
WEIGHT GAIN DURING PREGNANCY ..		12	*		12	*
OBSTETRIC PROCEDURES .....		5	*		5	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		6	*		6	*
CONGENITAL ANOMALIES OF FETUS .....		7	*		7	*
UNDERLYING CAUSE OF DEATH .....		69	100.0		69	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	243			235		
<b>GESTATION</b>						
CLINICAL ESTIMATE .....		38	15.6		38	16.2
AS COMPUTED .....		74	30.5		72	30.6
COMBINED .....		24	9.9		24	10.2
<b>PLACE OF DELIVERY</b> .....		-	*		-	*
<b>PRENATAL CARE</b>						
MONTH BEGAN .....		73	30.0		72	30.6
NUMBER OF VISITS .....		73	30.0		72	30.6
<b>FETUS</b>						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		33	13.6		32	13.6
<b>MOTHER</b>						
MARITAL STATUS .....		29	11.9		27	11.5
EDUCATION .....		71	29.2		70	29.8
HISPANIC ORIGIN .....		12	*		11	*
<b>PREGNANCY HISTORY</b>						
BORN LIVE, NOW LIVING .....		14	*		13	*
BORN LIVE, NOW DEAD .....		15	*		14	*
OTHER TERMINATIONS .....		15	*		14	*
<b>FATHER</b>						
RACE .....		122	50.2		118	50.2
AGE .....		161	66.3		156	66.4
EDUCATION .....		144	59.3		139	59.1
HISPANIC ORIGIN .....		119	49.0		115	48.9
<b>MEDICAL RISK FACTORS</b> .....		107	44.0		101	43.0
<b>OTHER RISK FACTORS</b>						
TOBACCO USE DURING PREGNANCY .....		143	58.8		138	58.7
ALCOHOL USE DURING PREGNANCY .....		155	63.8		149	63.4
WEIGHT GAIN DURING PREGNANCY .....		191	78.6		184	78.3
<b>OBSTETRIC PROCEDURES</b> .....		109	44.9		104	44.3
<b>COMPLICATIONS OF LABOR AND/OR DELIVERY</b> .....		100	41.2		96	40.9
<b>CONGENITAL ANOMALIES OF FETUS</b> .....		165	67.9		157	66.8
<b>UNDERLYING CAUSE OF DEATH</b> .....		243	100.0		235	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	1,507			1,484		
GESTATION						
CLINICAL ESTIMATE .....		75	5.0		74	5.0
AS COMPUTED .....		242	16.1		242	16.3
COMBINED .....		56	3.7		56	3.8
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		252	16.7		248	16.7
NUMBER OF VISITS .....		235	15.6		233	15.7
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		123	8.2		120	8.1
MOTHER						
MARITAL STATUS .....		36	2.4		36	2.4
EDUCATION .....		138	9.2		137	9.2
HISPANIC ORIGIN .....		22	1.5		20	1.3
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		129	8.6		129	8.7
BORN LIVE, NOW DEAD .....		138	9.2		137	9.2
OTHER TERMINATIONS .....		143	9.5		142	9.6
FATHER						
RACE .....		283	18.8		277	18.7
AGE .....		378	25.1		372	25.1
EDUCATION .....		385	25.5		378	25.5
HISPANIC ORIGIN .....		287	19.0		279	18.8
MEDICAL RISK FACTORS .....		59	3.9		58	3.9
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		115	7.6		115	7.7
ALCOHOL USE DURING PREGNANCY .....		125	8.3		125	8.4
WEIGHT GAIN DURING PREGNANCY .....		642	42.6		630	42.5
OBSTETRIC PROCEDURES .....		54	3.6		53	3.6
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		70	4.6		69	4.6
CONGENITAL ANOMALIES OF FETUS .....		82	5.4		81	5.5
UNDERLYING CAUSE OF DEATH .....		1,507	100.0		1,484	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	10,556			1,328		
GESTATION						
CLINICAL ESTIMATE .....		1,180	11.2		25	1.9
AS COMPUTED .....		2,138	20.3		190	14.3
COMBINED .....		512	4.9		13	*
PLACE OF DELIVERY .....		6	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		3,344	31.7		189	14.2
NUMBER OF VISITS .....		3,400	32.2		210	15.8
FETUS						
SEX <sup>1</sup> .....		8,777	83.1		-	*
BIRTH WEIGHT .....		8,843	83.8		242	18.2
MOTHER						
MARITAL STATUS .....		81	0.8		12	*
EDUCATION .....		4,582	43.4		383	28.8
HISPANIC ORIGIN .....		1,928	18.3		101	7.6
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		587	5.6		19	*
BORN LIVE, NOW DEAD .....		634	6.0		24	1.8
OTHER TERMINATIONS .....		651	6.2		28	2.1
FATHER						
RACE .....		6,216	58.9		755	56.9
AGE .....		7,279	69.0		892	67.2
EDUCATION .....		7,584	71.8		913	68.8
HISPANIC ORIGIN .....		6,694	63.4		780	58.7
MEDICAL RISK FACTORS .....		727	6.9		98	7.4
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		1,521	14.4		92	6.9
ALCOHOL USE DURING PREGNANCY .....		1,777	16.8		104	7.8
WEIGHT GAIN DURING PREGNANCY .....		6,958	65.9		657	49.5
OBSTETRIC PROCEDURES .....		421	4.0		29	2.2
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		595	5.6		34	2.6
CONGENITAL ANOMALIES OF FETUS .....		802	7.6		54	4.1
UNDERLYING CAUSE OF DEATH .....		10,556	100.0		1,328	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	1,541			127		
GESTATION						
CLINICAL ESTIMATE .....		173	11.2		4	*
AS COMPUTED .....		387	25.1		16	*
COMBINED .....		53	3.4		-	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		785	50.9		43	33.9
NUMBER OF VISITS .....		788	51.1		43	33.9
FETUS						
SEX <sup>1</sup> .....		1,382	89.7		-	*
BIRTH WEIGHT .....		1,087	70.5		31	24.4
MOTHER						
MARITAL STATUS .....		6	*		-	*
EDUCATION .....		992	64.4		29	22.8
HISPANIC ORIGIN .....		307	19.9		14	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		10	*		-	*
BORN LIVE, NOW DEAD .....		10	*		-	*
OTHER TERMINATIONS .....		19	*		-	*
FATHER						
RACE .....		1,040	67.5		33	26.0
AGE .....		1,031	66.9		34	26.8
EDUCATION .....		1,101	71.4		38	29.9
HISPANIC ORIGIN .....		956	62.0		36	28.3
MEDICAL RISK FACTORS .....		1,541	100.0		127	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		1,541	100.0		127	100.0
ALCOHOL USE DURING PREGNANCY		1,541	100.0		127	100.0
WEIGHT GAIN DURING PREGNANCY ..		1,541	100.0		127	100.0
OBSTETRIC PROCEDURES .....		1,541	100.0		127	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		1,541	100.0		127	100.0
CONGENITAL ANOMALIES OF FETUS .....		1,541	100.0		127	100.0
UNDERLYING CAUSE OF DEATH .....		1,541	100.0		127	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	87			86		
GESTATION						
CLINICAL ESTIMATE .....		1	*		1	*
AS COMPUTED .....		15	*		15	*
COMBINED .....		1	*		1	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		4	*		4	*
NUMBER OF VISITS .....		6	*		6	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		11	*		11	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		4	*		4	*
HISPANIC ORIGIN .....		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		1	*		1	*
BORN LIVE, NOW DEAD .....		1	*		1	*
OTHER TERMINATIONS .....		2	*		2	*
FATHER						
RACE .....		14	*		14	*
AGE .....		15	*		15	*
EDUCATION .....		17	*		17	*
HISPANIC ORIGIN .....		13	*		13	*
MEDICAL RISK FACTORS .....		3	*		3	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		3	*		3	*
ALCOHOL USE DURING PREGNANCY		7	*		7	*
WEIGHT GAIN DURING PREGNANCY ..		24	27.6		24	27.9
OBSTETRIC PROCEDURES .....		2	*		2	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		1	*		1	*
CONGENITAL ANOMALIES OF FETUS .....		1	*		1	*
UNDERLYING CAUSE OF DEATH .....		87	100.0		86	100.0

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



FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	1,476			1,448		
GESTATION						
CLINICAL ESTIMATE .....		76	5.1		76	5.2
AS COMPUTED .....		258	17.5		256	17.7
COMBINED .....		50	3.4		50	3.5
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		163	11.0		158	10.9
NUMBER OF VISITS .....		175	11.9		172	11.9
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		94	6.4		90	6.2
MOTHER						
MARITAL STATUS .....		83	5.6		81	5.6
EDUCATION .....		146	9.9		143	9.9
HISPANIC ORIGIN .....		73	4.9		72	5.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		78	5.3		78	5.4
BORN LIVE, NOW DEAD .....		78	5.3		78	5.4
OTHER TERMINATIONS .....		79	5.4		79	5.5
FATHER						
RACE .....		277	18.8		267	18.4
AGE .....		472	32.0		461	31.8
EDUCATION .....		484	32.8		470	32.5
HISPANIC ORIGIN .....		286	19.4		277	19.1
MEDICAL RISK FACTORS .....		212	14.4		211	14.6
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		215	14.6		213	14.7
ALCOHOL USE DURING PREGNANCY .....		270	18.3		268	18.5
WEIGHT GAIN DURING PREGNANCY .....		545	36.9		533	36.8
OBSTETRIC PROCEDURES .....		259	17.5		258	17.8
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		254	17.2		252	17.4
CONGENITAL ANOMALIES OF FETUS .....		287	19.4		286	19.8
UNDERLYING CAUSE OF DEATH .....		1,476	100.0		1,448	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	613			607		
<b>GESTATION</b>						
CLINICAL ESTIMATE .....		7	*		7	*
AS COMPUTED .....		101	16.5		101	16.6
COMBINED .....		3	*		3	*
<b>PLACE OF DELIVERY</b> .....		-	*		-	*
<b>PRENATAL CARE</b>						
MONTH BEGAN .....		45	7.3		45	7.4
NUMBER OF VISITS .....		63	10.3		63	10.4
<b>FETUS</b>						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		56	9.1		56	9.2
<b>MOTHER</b>						
MARITAL STATUS .....		10	*		10	*
EDUCATION .....		43	7.0		43	7.1
HISPANIC ORIGIN .....		21	3.4		21	3.5
<b>PREGNANCY HISTORY</b>						
BORN LIVE, NOW LIVING .....		11	*		11	*
BORN LIVE, NOW DEAD .....		11	*		11	*
OTHER TERMINATIONS .....		13	*		13	*
<b>FATHER</b>						
RACE .....		71	11.6		70	11.5
AGE .....		90	14.7		89	14.7
EDUCATION .....		114	18.6		113	18.6
HISPANIC ORIGIN .....		83	13.5		82	13.5
<b>MEDICAL RISK FACTORS</b> .....		7	*		7	*
<b>OTHER RISK FACTORS</b>						
TOBACCO USE DURING PREGNANCY		613	100.0		607	100.0
ALCOHOL USE DURING PREGNANCY		70	11.4		70	11.5
WEIGHT GAIN DURING PREGNANCY ..		97	15.8		97	16.0
<b>OBSTETRIC PROCEDURES</b> .....		26	4.2		26	4.3
<b>COMPLICATIONS OF LABOR AND/OR DELIVERY</b> .....		20	3.3		20	3.3
<b>CONGENITAL ANOMALIES OF FETUS</b> .....		32	5.2		32	5.3
<b>UNDERLYING CAUSE OF DEATH</b> .....		613	100.0		607	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORMS)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
IOWA .....	248			238		
GESTATION						
CLINICAL ESTIMATE .....		3	*		3	
AS COMPUTED .....		26	10.5		22	
COMBINED .....		3	*		3	
PLACE OF DELIVERY .....		-	*		-	
PRENATAL CARE						
MONTH BEGAN .....		8	*		7	
NUMBER OF VISITS .....		11	*		10	
FETUS						
SEX <sup>1</sup> .....		-	*		-	
BIRTH WEIGHT .....		10	*		9	
MOTHER						
MARITAL STATUS .....		-	*		-	
EDUCATION .....		8	*		7	
HISPANIC ORIGIN .....		2	*		2	
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		1	*		1	
BORN LIVE, NOW DEAD .....		1	*		1	
OTHER TERMINATIONS .....		1	*		1	
FATHER						
RACE .....		45	18.1		44	
AGE .....		51	20.6		49	
EDUCATION .....		50	20.2		48	
HISPANIC ORIGIN .....		44	17.7		43	
MEDICAL RISK FACTORS .....		2	*		2	
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		2	*		2	
ALCOHOL USE DURING PREGNANCY .....		4	*		4	
WEIGHT GAIN DURING PREGNANCY .....		43	17.3		41	
OBSTETRIC PROCEDURES .....		-	*		-	
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		1	*		-	
CONGENITAL ANOMALIES OF FETUS .....		4	*		4	
UNDERLYING CAUSE OF DEATH .....		248	100.0		238	

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	214			209		
GESTATION						
CLINICAL ESTIMATE .....		9	*		9	*
AS COMPUTED .....		19	*		19	*
COMBINED .....		4	*		4	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		8	*		7	*
NUMBER OF VISITS .....		10	*		9	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		-	*		-	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		7	*		6	*
HISPANIC ORIGIN .....		4	*		4	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		1	*		1	*
BORN LIVE, NOW DEAD .....		1	*		1	*
OTHER TERMINATIONS .....		2	*		2	*
FATHER						
RACE .....		29	13.6		28	13.4
AGE .....		34	15.9		33	15.8
EDUCATION .....		33	15.4		31	14.8
HISPANIC ORIGIN .....		33	15.4		32	15.3
MEDICAL RISK FACTORS .....		46	21.5		45	21.5
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		23	10.7		23	11.0
ALCOHOL USE DURING PREGNANCY .....		25	11.7		25	12.0
WEIGHT GAIN DURING PREGNANCY .....		44	20.6		42	20.1
OBSTETRIC PROCEDURES .....		18	*		17	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		55	25.7		54	25.8
CONGENITAL ANOMALIES OF FETUS .....		38	17.8		36	17.2
UNDERLYING CAUSE OF DEATH .....		214	100.0		209	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	386			381		
GESTATION						
CLINICAL ESTIMATE .....		11	*		11	*
AS COMPUTED .....		29	7.5		28	7.3
COMBINED .....		3	*		3	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		16	*		16	*
NUMBER OF VISITS .....		24	6.2		24	6.3
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		6	*		6	*
MOTHER						
MARITAL STATUS .....		3	*		3	*
EDUCATION .....		7	*		7	*
HISPANIC ORIGIN .....		1	*		1	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		2	*		2	*
BORN LIVE, NOW DEAD .....		9	*		9	*
OTHER TERMINATIONS .....		13	*		13	*
FATHER						
RACE .....		139	36.0		138	36.2
AGE .....		138	35.8		137	36.0
EDUCATION .....		146	37.8		145	38.1
HISPANIC ORIGIN .....		139	36.0		138	36.2
MEDICAL RISK FACTORS .....		69	17.9		66	17.3
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		60	15.5		57	15.0
ALCOHOL USE DURING PREGNANCY .....		70	18.1		67	17.6
WEIGHT GAIN DURING PREGNANCY .....		156	40.4		152	39.9
OBSTETRIC PROCEDURES .....		66	17.1		63	16.5
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		73	18.9		70	18.4
CONGENITAL ANOMALIES OF FETUS .....		134	34.7		131	34.4
UNDERLYING CAUSE OF DEATH .....		386	100.0		381	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	573			546		
GESTATION						
CLINICAL ESTIMATE .....		573	100.0		546	100.0
AS COMPUTED .....		76	13.3		76	13.9
COMBINED .....		82	14.3		82	15.0
PLACE OF DELIVERY .....		2	*		2	*
PRENATAL CARE						
MONTH BEGAN .....		33	5.8		33	6.0
NUMBER OF VISITS .....		51	8.9		50	9.2
FETUS						
SEX <sup>1</sup> .....		4	*		-	*
BIRTH WEIGHT .....		14	*		11	*
MOTHER						
MARITAL STATUS .....		1	*		1	*
EDUCATION .....		38	6.6		37	6.8
HISPANIC ORIGIN .....		573	100.0		546	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		19	*		19	*
BORN LIVE, NOW DEAD .....		20	3.5		20	3.7
OTHER TERMINATIONS .....		23	4.0		23	4.2
FATHER						
RACE .....		298	52.0		281	51.5
AGE .....		299	52.2		282	51.6
EDUCATION .....		273	47.6		257	47.1
HISPANIC ORIGIN .....		573	100.0		546	100.0
MEDICAL RISK FACTORS .....		573	100.0		546	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		573	100.0		546	100.0
ALCOHOL USE DURING PREGNANCY		573	100.0		546	100.0
WEIGHT GAIN DURING PREGNANCY ..		573	100.0		546	100.0
OBSTETRIC PROCEDURES .....		573	100.0		546	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		573	100.0		546	100.0
CONGENITAL ANOMALIES OF FETUS .....		573	100.0		546	100.0
UNDERLYING CAUSE OF DEATH .....		573	100.0		546	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	87			84		
GESTATION						
CLINICAL ESTIMATE .....		16	*		16	*
AS COMPUTED .....		28	32.2		27	32.1
COMBINED .....		15	*		15	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		4	*		4	*
NUMBER OF VISITS .....		6	*		6	*
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		23	26.4		21	25.0
MOTHER						
MARITAL STATUS .....		13	*		13	*
EDUCATION .....		22	25.3		22	26.2
HISPANIC ORIGIN .....		20	23.0		20	23.8
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		15	*		15	*
BORN LIVE, NOW DEAD .....		15	*		15	*
OTHER TERMINATIONS .....		15	*		15	*
FATHER						
RACE .....		23	26.4		23	27.4
AGE .....		12	*		12	*
EDUCATION .....		28	32.2		28	33.3
HISPANIC ORIGIN .....		27	31.0		27	32.1
MEDICAL RISK FACTORS .....		14	*		12	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		18	*		16	*
ALCOHOL USE DURING PREGNANCY .....		24	27.6		22	26.2
WEIGHT GAIN DURING PREGNANCY ..		45	51.7		43	51.2
OBSTETRIC PROCEDURES .....		11	*		11	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		18	*		16	*
CONGENITAL ANOMALIES OF FETUS .....		21	24.1		21	25.0
UNDERLYING CAUSE OF DEATH .....		87	100.0		84	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	673			642		
GESTATION						
CLINICAL ESTIMATE .....		673	100.0		642	100.0
AS COMPUTED .....		290	43.1		290	45.2
COMBINED .....		291	43.2		291	45.3
PLACE OF DELIVERY .....		4	*		4	*
PRENATAL CARE						
MONTH BEGAN .....		279	41.5		276	43.0
NUMBER OF VISITS .....		673	100.0		642	100.0
FETUS						
SEX <sup>1</sup> .....		2	*		-	*
BIRTH WEIGHT .....		240	35.7		234	36.4
MOTHER						
MARITAL STATUS .....		673	100.0		642	100.0
EDUCATION .....		251	37.3		244	38.0
HISPANIC ORIGIN .....		673	100.0		642	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		73	10.8		73	11.4
BORN LIVE, NOW DEAD .....		74	11.0		74	11.5
OTHER TERMINATIONS .....		75	11.1		75	11.7
FATHER						
RACE .....		128	19.0		122	19.0
AGE .....		153	22.7		146	22.7
EDUCATION .....		291	43.2		281	43.8
HISPANIC ORIGIN .....		673	100.0		642	100.0
MEDICAL RISK FACTORS .....		673	100.0		642	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		673	100.0		642	100.0
ALCOHOL USE DURING PREGNANCY .....		673	100.0		642	100.0
WEIGHT GAIN DURING PREGNANCY .....		673	100.0		642	100.0
OBSTETRIC PROCEDURES .....		673	100.0		642	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		673	100.0		642	100.0
CONGENITAL ANOMALIES OF FETUS .....		673	100.0		642	100.0
UNDERLYING CAUSE OF DEATH .....		673	100.0		642	100.0

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



FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	494			485		
GESTATION						
CLINICAL ESTIMATE .....		1	*		1	*
AS COMPUTED .....		37	7.5		37	7.6
COMBINED .....		-	*		-	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		17	*		17	*
NUMBER OF VISITS .....		16	*		16	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		10	*		8	*
MOTHER						
MARITAL STATUS .....		6	*		6	*
EDUCATION .....		87	17.6		85	17.5
HISPANIC ORIGIN .....		494	100.0		485	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		8	*		8	*
BORN LIVE, NOW DEAD .....		7	*		7	*
OTHER TERMINATIONS .....		6	*		6	*
FATHER						
RACE .....		117	23.7		110	22.7
AGE .....		120	24.3		115	23.7
EDUCATION .....		185	37.4		180	37.1
HISPANIC ORIGIN .....		494	100.0		485	100.0
MEDICAL RISK FACTORS .....		494	100.0		485	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		494	100.0		485	100.0
ALCOHOL USE DURING PREGNANCY .....		494	100.0		485	100.0
WEIGHT GAIN DURING PREGNANCY .....		494	100.0		485	100.0
OBSTETRIC PROCEDURES .....		494	100.0		485	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		494	100.0		485	100.0
CONGENITAL ANOMALIES OF FETUS .....		494	100.0		485	100.0
UNDERLYING CAUSE OF DEATH .....		494	100.0		485	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	749			722		
GESTATION						
CLINICAL ESTIMATE .....		7	*		7	*
AS COMPUTED .....		116	15.5		110	15.2
COMBINED .....		8	*		8	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		58	7.7		53	7.3
NUMBER OF VISITS .....		102	13.6		95	13.2
FETUS						
SEX <sup>1</sup> .....		2	*		-	*
BIRTH WEIGHT .....		20	2.7		18	*
MOTHER						
MARITAL STATUS .....		749	100.0		722	100.0
EDUCATION .....		127	17.0		118	16.3
HISPANIC ORIGIN .....		96	12.8		89	12.3
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		4	*		4	*
BORN LIVE, NOW DEAD .....		6	*		6	*
OTHER TERMINATIONS .....		6	*		6	*
FATHER						
RACE .....		208	27.8		195	27.0
AGE .....		287	38.3		270	37.4
EDUCATION .....		267	35.6		250	34.6
HISPANIC ORIGIN .....		270	36.0		253	35.0
MEDICAL RISK FACTORS .....		23	3.1		22	3.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		52	6.9		47	6.5
ALCOHOL USE DURING PREGNANCY .....		66	8.8		61	8.4
WEIGHT GAIN DURING PREGNANCY .....		228	30.4		216	29.9
OBSTETRIC PROCEDURES .....		16	*		16	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		28	3.7		27	3.7
CONGENITAL ANOMALIES OF FETUS .....		49	6.5		46	6.4
UNDERLYING CAUSE OF DEATH .....		749	100.0		722	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	430			410		
GESTATION						
CLINICAL ESTIMATE .....		11	*		11	*
AS COMPUTED .....		55	12.8		51	12.4
COMBINED .....		6	*		6	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		27	6.3		26	6.3
NUMBER OF VISITS .....		27	6.3		27	6.6
FETUS						
SEX <sup>1</sup> .....		3	*		-	*
BIRTH WEIGHT .....		37	8.6		32	7.8
MOTHER						
MARITAL STATUS .....		25	5.8		25	6.1
EDUCATION .....		41	9.5		37	9.0
HISPANIC ORIGIN .....		9	*		9	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		17	*		17	*
BORN LIVE, NOW DEAD .....		15	*		15	*
OTHER TERMINATIONS .....		19	*		19	*
FATHER						
RACE .....		68	15.8		63	15.4
AGE .....		95	22.1		91	22.2
EDUCATION .....		100	23.3		94	22.9
HISPANIC ORIGIN .....		74	17.2		69	16.8
MEDICAL RISK FACTORS .....		38	8.8		36	8.8
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		43	10.0		39	9.5
ALCOHOL USE DURING PREGNANCY		50	11.6		46	11.2
WEIGHT GAIN DURING PREGNANCY ..		181	42.1		170	41.5
OBSTETRIC PROCEDURES .....		23	5.3		22	5.4
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		33	7.7		30	7.3
CONGENITAL ANOMALIES OF FETUS .....		69	16.0		66	16.1
UNDERLYING CAUSE OF DEATH .....		430	100.0		410	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	525			501		
<b>GESTATION</b>						
CLINICAL ESTIMATE .....		14	*		14	*
AS COMPUTED .....		94	17.9		90	18.0
COMBINED .....		7	*		7	*
PLACE OF DELIVERY .....		3	*		3	*
<b>PRENATAL CARE</b>						
MONTH BEGAN .....		81	15.4		75	15.0
NUMBER OF VISITS .....		106	20.2		99	19.8
<b>FETUS</b>						
SEX <sup>1</sup> .....		2	*		-	*
BIRTH WEIGHT .....		20	3.8		19	*
<b>MOTHER</b>						
MARITAL STATUS .....		5	*		5	*
EDUCATION .....		91	17.3		83	16.6
HISPANIC ORIGIN .....		4	*		4	*
<b>PREGNANCY HISTORY</b>						
BORN LIVE, NOW LIVING .....		12	*		11	*
BORN LIVE, NOW DEAD .....		19	*		17	*
OTHER TERMINATIONS .....		15	*		14	*
<b>FATHER</b>						
RACE .....		337	64.2		319	63.7
AGE .....		370	70.5		350	69.9
EDUCATION .....		366	69.7		346	69.1
HISPANIC ORIGIN .....		342	65.1		324	64.7
MEDICAL RISK FACTORS .....		12	*		11	*
<b>OTHER RISK FACTORS</b>						
TOBACCO USE DURING PREGNANCY .....		30	5.7		27	5.4
ALCOHOL USE DURING PREGNANCY .....		31	5.9		28	5.6
WEIGHT GAIN DURING PREGNANCY .....		175	33.3		166	33.1
OBSTETRIC PROCEDURES .....		7	*		6	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		9	*		8	*
CONGENITAL ANOMALIES OF FETUS .....		17	*		15	*
UNDERLYING CAUSE OF DEATH .....		525	100.0		501	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
MISSOURI .....	525			500		
GESTATION						
CLINICAL ESTIMATE .....		12	*		12	*
AS COMPUTED .....		43	8.2		40	8.0
COMBINED .....		4	*		4	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		62	11.8		55	11.0
NUMBER OF VISITS .....		49	9.3		44	8.8
FETUS						
SEX <sup>1</sup> .....		2	*		-	*
BIRTH WEIGHT .....		29	5.5		27	5.4
MOTHER						
MARITAL STATUS .....		3	*		1	*
EDUCATION .....		62	11.8		54	10.8
HISPANIC ORIGIN .....		8	*		7	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		6	*		5	*
BORN LIVE, NOW DEAD .....		7	*		5	*
OTHER TERMINATIONS .....		9	*		7	*
FATHER						
RACE .....		206	39.2		192	38.4
AGE .....		239	45.5		222	44.4
EDUCATION .....		225	42.9		210	42.0
HISPANIC ORIGIN .....		205	39.0		191	38.2
MEDICAL RISK FACTORS .....		4	*		3	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		26	5.0		22	4.4
ALCOHOL USE DURING PREGNANCY .....		28	5.3		24	4.8
WEIGHT GAIN DURING PREGNANCY .....		86	16.4		76	15.2
OBSTETRIC PROCEDURES .....		7	*		7	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		6	*		5	*
CONGENITAL ANOMALIES OF FETUS .....		12	*		12	*
UNDERLYING CAUSE OF DEATH .....		525	100.0		500	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	73			72		
GESTATION						
CLINICAL ESTIMATE .....		-	*		-	*
AS COMPUTED .....		7	*		7	*
COMBINED .....		-	*		-	*
PLACE OF DELIVERY .....		1	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		-	*		-	*
NUMBER OF VISITS .....		-	*		-	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		1	*		1	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		4	*		4	*
HISPANIC ORIGIN .....		7	*		7	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		-	*		-	*
BORN LIVE, NOW DEAD .....		-	*		-	*
OTHER TERMINATIONS .....		-	*		-	*
FATHER						
RACE .....		12	*		12	*
AGE .....		14	*		14	*
EDUCATION .....		15	*		15	*
HISPANIC ORIGIN .....		16	*		16	*
MEDICAL RISK FACTORS .....		2	*		2	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		2	*		2	*
ALCOHOL USE DURING PREGNANCY .....		3	*		3	*
WEIGHT GAIN DURING PREGNANCY .....		9	*		9	*
OBSTETRIC PROCEDURES .....		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		-	*		-	*
CONGENITAL ANOMALIES OF FETUS .....		-	*		-	*
UNDERLYING CAUSE OF DEATH .....		73	100.0		72	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	176			173		
GESTATION						
CLINICAL ESTIMATE .....		1	*		1	*
AS COMPUTED .....		10	*		10	*
COMBINED .....		3	*		3	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		1	*		1	*
NUMBER OF VISITS .....		1	*		1	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		15	*		14	*
MOTHER						
MARITAL STATUS .....		3	*		3	*
EDUCATION .....		6	*		6	*
HISPANIC ORIGIN .....		7	*		7	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		1	*		1	*
BORN LIVE, NOW DEAD .....		1	*		1	*
OTHER TERMINATIONS .....		1	*		1	*
FATHER						
RACE .....		20	11.4		20	11.6
AGE .....		26	14.8		26	15.0
EDUCATION .....		27	15.3		27	15.6
HISPANIC ORIGIN .....		28	15.9		28	16.2
MEDICAL RISK FACTORS .....		1	*		1	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		5	*		5	*
ALCOHOL USE DURING PREGNANCY		7	*		7	*
WEIGHT GAIN DURING PREGNANCY ..		18	*		18	*
OBSTETRIC PROCEDURES .....		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		-	*		-	*
CONGENITAL ANOMALIES OF FETUS .....		5	*		5	*
UNDERLYING CAUSE OF DEATH .....		176	100.0		173	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	142			136		
GESTATION						
CLINICAL ESTIMATE .....		6	*		6	*
AS COMPUTED .....		48	33.8		44	32.4
COMBINED .....		3	*		3	*
PLACE OF DELIVERY .....		2	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		36	25.4		33	24.3
NUMBER OF VISITS .....		37	26.1		34	25.0
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		31	21.8		28	20.6
MOTHER						
MARITAL STATUS .....		142	100.0		136	100.0
EDUCATION .....		9	*		8	*
HISPANIC ORIGIN .....		5	*		4	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		17	*		16	*
BORN LIVE, NOW DEAD .....		17	*		16	*
OTHER TERMINATIONS .....		17	*		16	*
FATHER						
RACE .....		17	*		16	*
AGE .....		20	14.1		18	*
EDUCATION .....		22	15.5		20	14.7
HISPANIC ORIGIN .....		18	*		16	*
MEDICAL RISK FACTORS .....		24	16.9		22	16.2
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		34	23.9		31	22.8
ALCOHOL USE DURING PREGNANCY .....		39	27.5		35	25.7
WEIGHT GAIN DURING PREGNANCY .....		65	45.8		61	44.9
OBSTETRIC PROCEDURES .....		23	16.2		21	15.4
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		33	23.2		29	21.3
CONGENITAL ANOMALIES OF FETUS .....		34	23.9		31	22.8
UNDERLYING CAUSE OF DEATH .....		142	100.0		136	100.0

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



FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	79			78		
GESTATION						
CLINICAL ESTIMATE .....		-	*		-	*
AS COMPUTED .....		6	*		6	*
COMBINED .....		-	*		-	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		4	*		4	*
NUMBER OF VISITS .....		6	*		6	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		2	*		2	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		9	*		9	*
HISPANIC ORIGIN .....		79	100.0		78	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		-	*		-	*
BORN LIVE, NOW DEAD .....		-	*		-	*
OTHER TERMINATIONS .....		-	*		-	*
FATHER						
RACE .....		14	*		14	*
AGE .....		26	32.9		26	33.3
EDUCATION .....		22	27.8		22	28.2
HISPANIC ORIGIN .....		79	100.0		78	100.0
MEDICAL RISK FACTORS .....		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		-	*		-	*
ALCOHOL USE DURING PREGNANCY .....		-	*		-	*
WEIGHT GAIN DURING PREGNANCY ..		12	*		11	*
OBSTETRIC PROCEDURES .....		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		-	*		-	*
CONGENITAL ANOMALIES OF FETUS .....		-	*		-	*
UNDERLYING CAUSE OF DEATH .....		79	100.0		78	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	863			837		
<b>GESTATION</b>						
CLINICAL ESTIMATE .....		87	10.1		85	10.2
AS COMPUTED .....		179	20.7		176	21.0
COMBINED .....		56	6.5		56	6.7
PLACE OF DELIVERY .....		-	*		-	*
<b>PRENATAL CARE</b>						
MONTH BEGAN .....		135	15.6		131	15.7
NUMBER OF VISITS .....		162	18.8		158	18.9
<b>FETUS</b>						
SEX <sup>1</sup> .....		4	*		-	*
BIRTH WEIGHT .....		183	21.2		177	21.1
<b>MOTHER</b>						
MARITAL STATUS .....		27	3.1		27	3.2
EDUCATION .....		158	18.3		156	18.6
HISPANIC ORIGIN .....		20	2.3		20	2.4
<b>PREGNANCY HISTORY</b>						
BORN LIVE, NOW LIVING .....		48	5.6		48	5.7
BORN LIVE, NOW DEAD .....		73	8.5		72	8.6
OTHER TERMINATIONS .....		75	8.7		75	9.0
<b>FATHER</b>						
RACE .....		73	8.5		71	8.5
AGE .....		164	19.0		158	18.9
EDUCATION .....		226	26.2		222	26.5
HISPANIC ORIGIN .....		77	8.9		76	9.1
MEDICAL RISK FACTORS .....		58	6.7		56	6.7
<b>OTHER RISK FACTORS</b>						
TOBACCO USE DURING PREGNANCY .....		92	10.7		89	10.6
ALCOHOL USE DURING PREGNANCY .....		103	11.9		100	11.9
WEIGHT GAIN DURING PREGNANCY .....		398	46.1		386	46.1
OBSTETRIC PROCEDURES .....		52	6.0		50	6.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		86	10.0		82	9.8
CONGENITAL ANOMALIES OF FETUS .....		81	9.4		79	9.4
UNDERLYING CAUSE OF DEATH .....		863	100.0		837	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	107			105		
GESTATION						
CLINICAL ESTIMATE .....		3	*		3	*
AS COMPUTED .....		21	19.6		21	20.0
COMBINED .....		1	*		1	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		7	*		7	*
NUMBER OF VISITS .....		9	*		9	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		11	*		11	*
MOTHER						
MARITAL STATUS .....		4	*		4	*
EDUCATION .....		43	40.2		42	40.0
HISPANIC ORIGIN .....		9	*		9	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		-	*		-	*
BORN LIVE, NOW DEAD .....		-	*		-	*
OTHER TERMINATIONS .....		-	*		-	*
FATHER						
RACE .....		40	37.4		39	37.1
AGE .....		56	52.3		54	51.4
EDUCATION .....		59	55.1		57	54.3
HISPANIC ORIGIN .....		38	35.5		37	35.2
MEDICAL RISK FACTORS .....		1	*		1	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		5	*		5	*
ALCOHOL USE DURING PREGNANCY .....		6	*		6	*
WEIGHT GAIN DURING PREGNANCY .....		32	29.9		31	29.5
OBSTETRIC PROCEDURES .....		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		1	*		1	*
CONGENITAL ANOMALIES OF FETUS .....		107	100.0		105	100.0
UNDERLYING CAUSE OF DEATH .....		107	100.0		105	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	10,548			1,138		
<b>GESTATION</b>						
CLINICAL ESTIMATE .....		947	9.0		59	5.2
AS COMPUTED .....		1,730	16.4		177	15.6
COMBINED .....		524	5.0		32	2.8
<b>PLACE OF DELIVERY</b> .....		7	*		3	*
<b>PRENATAL CARE</b>						
MONTH BEGAN .....		3,668	34.8		167	14.7
NUMBER OF VISITS .....		4,052	38.4		221	19.4
<b>FETUS</b>						
SEX <sup>1</sup> .....		9,056	85.9		-	*
BIRTH WEIGHT .....		9,460	89.7		353	31.0
<b>MOTHER</b>						
MARITAL STATUS .....		10,548	100.0		1,138	100.0
EDUCATION .....		4,522	42.9		291	25.6
HISPANIC ORIGIN .....		2,725	25.8		152	13.4
<b>PREGNANCY HISTORY</b>						
BORN LIVE, NOW LIVING .....		1,384	13.1		84	7.4
BORN LIVE, NOW DEAD .....		1,384	13.1		84	7.4
OTHER TERMINATIONS .....		1,384	13.1		84	7.4
<b>FATHER</b>						
RACE .....		4,998	47.4		374	32.9
AGE .....		5,972	56.6		463	40.7
EDUCATION .....		6,264	59.4		497	43.7
HISPANIC ORIGIN .....		5,352	50.7		406	35.7
<b>MEDICAL RISK FACTORS</b> .....		4,453	42.2		238	20.9
<b>OTHER RISK FACTORS</b>						
TOBACCO USE DURING PREGNANCY .....		10,548	100.0		1,138	100.0
ALCOHOL USE DURING PREGNANCY .....		10,548	100.0		1,138	100.0
WEIGHT GAIN DURING PREGNANCY ..		7,294	69.2		453	39.8
<b>OBSTETRIC PROCEDURES</b> .....		3,249	30.8		107	9.4
<b>COMPLICATIONS OF LABOR AND/OR DELIVERY</b> .....		5,412	51.3		240	21.1
<b>CONGENITAL ANOMALIES OF FETUS</b> .....		10,548	100.0		1,138	100.0
<b>UNDERLYING CAUSE OF DEATH</b> .....		10,548	100.0		1,138	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	13,013			2,134		
GESTATION						
CLINICAL ESTIMATE .....		1,240	9.5		110	5.2
AS COMPUTED .....		3,110	23.9		316	14.8
COMBINED .....		566	4.3		44	2.1
PLACE OF DELIVERY .....		4	*		2	*
PRENATAL CARE						
MONTH BEGAN .....		5,049	38.8		525	24.6
NUMBER OF VISITS .....		5,115	39.3		467	21.9
FETUS						
SEX <sup>1</sup> .....		10,299	79.1		-	*
BIRTH WEIGHT .....		9,723	74.7		427	20.0
MOTHER						
MARITAL STATUS .....		13,013	100.0		2,134	100.0
EDUCATION .....		7,725	59.4		896	42.0
HISPANIC ORIGIN .....		4,954	38.1		488	22.9
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		569	4.4		85	4.0
BORN LIVE, NOW DEAD .....		568	4.4		86	4.0
OTHER TERMINATIONS .....		613	4.7		90	4.2
FATHER						
RACE .....		9,663	74.3		1,359	63.7
AGE .....		11,085	85.2		1,513	70.9
EDUCATION .....		10,962	84.2		1,571	73.6
HISPANIC ORIGIN .....		10,595	81.4		1,494	70.0
MEDICAL RISK FACTORS .....		1,348	10.4		128	6.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		13,013	100.0		2,134	100.0
ALCOHOL USE DURING PREGNANCY		13,013	100.0		2,134	100.0
WEIGHT GAIN DURING PREGNANCY ..		10,913	83.9		1,388	65.0
OBSTETRIC PROCEDURES .....		1,282	9.9		94	4.4
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		2,127	16.3		228	10.7
CONGENITAL ANOMALIES OF FETUS .....		13,013	100.0		2,134	100.0
UNDERLYING CAUSE OF DEATH .....		13,013	100.0		2,134	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	956			916		
GESTATION						
CLINICAL ESTIMATE .....		16	*		16	*
AS COMPUTED .....		111	11.6		110	12.0
COMBINED .....		8	*		8	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		30	3.1		29	3.2
NUMBER OF VISITS .....		34	3.6		33	3.6
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		74	7.7		68	7.4
MOTHER						
MARITAL STATUS .....		2	*		2	*
EDUCATION .....		35	3.7		32	3.5
HISPANIC ORIGIN .....		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		7	*		7	*
BORN LIVE, NOW DEAD .....		9	*		9	*
OTHER TERMINATIONS .....		12	*		12	*
FATHER						
RACE .....		392	41.0		373	40.7
AGE .....		416	43.5		397	43.3
EDUCATION .....		414	43.3		395	43.1
HISPANIC ORIGIN .....		393	41.1		374	40.8
MEDICAL RISK FACTORS .....		5	*		4	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		26	2.7		22	2.4
ALCOHOL USE DURING PREGNANCY .....		27	2.8		24	2.6
WEIGHT GAIN DURING PREGNANCY .....		190	19.9		181	19.8
OBSTETRIC PROCEDURES .....		8	*		7	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		6	*		5	*
CONGENITAL ANOMALIES OF FETUS .....		11	*		10	*
UNDERLYING CAUSE OF DEATH .....		956	100.0		916	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	72			71		
GESTATION						
CLINICAL ESTIMATE .....		2	*		2	*
AS COMPUTED .....		8	*		8	*
COMBINED .....		2	*		2	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		4	*		4	*
NUMBER OF VISITS .....		3	*		3	*
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		8	*		7	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		3	*		3	*
HISPANIC ORIGIN .....		2	*		2	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		1	*		1	*
BORN LIVE, NOW DEAD .....		1	*		1	*
OTHER TERMINATIONS .....		1	*		1	*
FATHER						
RACE .....		14	*		14	*
AGE .....		14	*		14	*
EDUCATION .....		15	*		15	*
HISPANIC ORIGIN .....		17	*		17	*
MEDICAL RISK FACTORS .....		3	*		3	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		11	*		11	*
ALCOHOL USE DURING PREGNANCY .....		12	*		12	*
WEIGHT GAIN DURING PREGNANCY ..		23	31.9		23	32.4
OBSTETRIC PROCEDURES .....		6	*		6	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		4	*		4	*
CONGENITAL ANOMALIES OF FETUS .....		6	*		6	*
UNDERLYING CAUSE OF DEATH .....		72	100.0		71	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	1,198			1,168		
<b>GESTATION</b>						
CLINICAL ESTIMATE .....		15	*		15	*
AS COMPUTED .....		220	18.4		219	18.8
COMBINED .....		11	*		11	*
PLACE OF DELIVERY .....		-	*		-	*
<b>PRENATAL CARE</b>						
MONTH BEGAN .....		102	8.5		97	8.3
NUMBER OF VISITS .....		138	11.5		133	11.4
<b>FETUS</b>						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		97	8.1		93	8.0
<b>MOTHER</b>						
MARITAL STATUS .....		467	39.0		455	39.0
EDUCATION .....		143	11.9		140	12.0
HISPANIC ORIGIN .....		23	1.9		23	2.0
<b>PREGNANCY HISTORY</b>						
BORN LIVE, NOW LIVING .....		62	5.2		62	5.3
BORN LIVE, NOW DEAD .....		62	5.2		62	5.3
OTHER TERMINATIONS .....		65	5.4		65	5.6
<b>FATHER</b>						
RACE .....		182	15.2		178	15.2
AGE .....		232	19.4		223	19.1
EDUCATION .....		258	21.5		250	21.4
HISPANIC ORIGIN .....		174	14.5		171	14.6
MEDICAL RISK FACTORS .....		50	4.2		48	4.1
<b>OTHER RISK FACTORS</b>						
TOBACCO USE DURING PREGNANCY .....		120	10.0		113	9.7
ALCOHOL USE DURING PREGNANCY .....		138	11.5		130	11.1
WEIGHT GAIN DURING PREGNANCY .....		390	32.6		376	32.2
OBSTETRIC PROCEDURES .....		45	3.8		41	3.5
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		56	4.7		52	4.5
CONGENITAL ANOMALIES OF FETUS .....		80	6.7		76	6.5
UNDERLYING CAUSE OF DEATH .....		1,198	100.0		1,168	100.0

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



FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	365			361		
GESTATION						
CLINICAL ESTIMATE .....		365	100.0		361	100.0
AS COMPUTED .....		172	47.1		172	47.6
COMBINED .....		173	47.4		173	47.9
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		168	46.0		168	46.5
NUMBER OF VISITS .....		173	47.4		173	47.9
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		96	26.3		96	26.6
MOTHER						
MARITAL STATUS .....		7	*		7	*
EDUCATION .....		134	36.7		134	37.1
HISPANIC ORIGIN .....		365	100.0		361	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		133	36.4		133	36.8
BORN LIVE, NOW DEAD .....		133	36.4		133	36.8
OTHER TERMINATIONS .....		133	36.4		133	36.8
FATHER						
RACE .....		156	42.7		155	42.9
AGE .....		119	32.6		118	32.7
EDUCATION .....		187	51.2		186	51.5
HISPANIC ORIGIN .....		365	100.0		361	100.0
MEDICAL RISK FACTORS .....		365	100.0		361	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		365	100.0		361	100.0
ALCOHOL USE DURING PREGNANCY		365	100.0		361	100.0
WEIGHT GAIN DURING PREGNANCY ..		365	100.0		361	100.0
OBSTETRIC PROCEDURES .....		365	100.0		361	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		365	100.0		361	100.0
CONGENITAL ANOMALIES OF FETUS .....		365	100.0		361	100.0
UNDERLYING CAUSE OF DEATH .....		365	100.0		361	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	271			266		
GESTATION						
CLINICAL ESTIMATE .....		3	*		3	*
AS COMPUTED .....		31	11.4		30	11.3
COMBINED .....		2	*		2	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		7	*		6	*
NUMBER OF VISITS .....		4	*		3	*
FETUS						
SEX <sup>1</sup> .....		2	*		-	*
BIRTH WEIGHT .....		17	*		14	*
MOTHER						
MARITAL STATUS .....		2	*		2	*
EDUCATION .....		23	8.5		21	7.9
HISPANIC ORIGIN .....		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		-	*		-	*
BORN LIVE, NOW DEAD .....		1	*		1	*
OTHER TERMINATIONS .....		-	*		-	*
FATHER						
RACE .....		67	24.7		67	25.2
AGE .....		101	37.3		101	38.0
EDUCATION .....		77	28.4		75	28.2
HISPANIC ORIGIN .....		56	20.7		56	21.1
MEDICAL RISK FACTORS .....		7	*		7	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		8	*		8	*
ALCOHOL USE DURING PREGNANCY		8	*		8	*
WEIGHT GAIN DURING PREGNANCY ..		55	20.3		52	19.5
OBSTETRIC PROCEDURES .....		1	*		1	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		-	*		-	*
CONGENITAL ANOMALIES OF FETUS .....		3	*		3	*
UNDERLYING CAUSE OF DEATH .....		271	100.0		266	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	2,050			1,502		
GESTATION						
CLINICAL ESTIMATE .....		137	6.7		132	8.8
AS COMPUTED .....		464	22.6		320	21.3
COMBINED .....		112	5.5		112	7.5
PLACE OF DELIVERY .....		6	*		2	*
PRENATAL CARE						
MONTH BEGAN .....		380	18.5		294	19.6
NUMBER OF VISITS .....		393	19.2		295	19.6
FETUS						
SEX <sup>1</sup> .....		161	7.9		-	*
BIRTH WEIGHT .....		445	21.7		288	19.2
MOTHER						
MARITAL STATUS .....		195	9.5		154	10.3
EDUCATION .....		376	18.3		245	16.3
HISPANIC ORIGIN .....		92	4.5		59	3.9
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		95	4.6		89	5.9
BORN LIVE, NOW DEAD .....		96	4.7		88	5.9
OTHER TERMINATIONS .....		97	4.7		90	6.0
FATHER						
RACE .....		382	18.6		246	16.4
AGE .....		477	23.3		306	20.4
EDUCATION .....		507	24.7		328	21.8
HISPANIC ORIGIN .....		329	16.0		211	14.0
MEDICAL RISK FACTORS .....		165	8.0		139	9.3
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		324	15.8		228	15.2
ALCOHOL USE DURING PREGNANCY .....		352	17.2		253	16.8
WEIGHT GAIN DURING PREGNANCY .....		1,053	51.4		721	48.0
OBSTETRIC PROCEDURES .....		127	6.2		103	6.9
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		176	8.6		136	9.1
CONGENITAL ANOMALIES OF FETUS .....		395	19.3		305	20.3
UNDERLYING CAUSE OF DEATH .....		2,050	100.0		1,502	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	1,095			89		
GESTATION						
CLINICAL ESTIMATE .....		23	2.1		2	*
AS COMPUTED .....		537	49.0		80	89.9
COMBINED .....		20	1.8		2	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		1,080	98.6		85	95.5
NUMBER OF VISITS .....		1,082	98.8		86	96.6
FETUS						
SEX <sup>1</sup> .....		999	91.2		-	*
BIRTH WEIGHT .....		1,013	92.5		9	*
MOTHER						
MARITAL STATUS .....		306	27.9		72	80.9
EDUCATION .....		1,073	98.0		85	95.5
HISPANIC ORIGIN .....		1,066	97.4		84	94.4
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		852	77.8		77	86.5
BORN LIVE, NOW DEAD .....		853	77.9		78	87.6
OTHER TERMINATIONS .....		870	79.5		78	87.6
FATHER						
RACE .....		1,076	98.3		85	95.5
AGE .....		894	81.6		43	48.3
EDUCATION .....		1,081	98.7		86	96.6
HISPANIC ORIGIN .....		1,079	98.5		85	95.5
MEDICAL RISK FACTORS .....		1,015	92.7		54	60.7
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		1,026	93.7		68	76.4
ALCOHOL USE DURING PREGNANCY		1,026	93.7		68	76.4
WEIGHT GAIN DURING PREGNANCY ..		1,048	95.7		74	83.1
OBSTETRIC PROCEDURES .....		1,015	92.7		51	57.3
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		1,036	94.6		54	60.7
CONGENITAL ANOMALIES OF FETUS .....		1,055	96.3		66	74.2
UNDERLYING CAUSE OF DEATH .....		1,095	100.0		89	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	586			561		
GESTATION						
CLINICAL ESTIMATE .....		13	*		13	*
AS COMPUTED .....		67	11.4		65	11.6
COMBINED .....		6	*		6	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		43	7.3		43	7.7
NUMBER OF VISITS .....		44	7.5		44	7.8
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		23	3.9		22	3.9
MOTHER						
MARITAL STATUS .....		8	*		7	*
EDUCATION .....		76	13.0		72	12.8
HISPANIC ORIGIN .....		17	*		17	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		10	*		10	*
BORN LIVE, NOW DEAD .....		9	*		9	*
OTHER TERMINATIONS .....		9	*		9	*
FATHER						
RACE .....		317	54.1		298	53.1
AGE .....		360	61.4		340	60.6
EDUCATION .....		350	59.7		330	58.8
HISPANIC ORIGIN .....		299	51.0		280	49.9
MEDICAL RISK FACTORS .....		18	*		18	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		64	10.9		61	10.9
ALCOHOL USE DURING PREGNANCY		68	11.6		64	11.4
WEIGHT GAIN DURING PREGNANCY ..		165	28.2		156	27.8
OBSTETRIC PROCEDURES .....		30	5.1		29	5.2
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		11	*		11	*
CONGENITAL ANOMALIES OF FETUS .....		24	4.1		24	4.3
UNDERLYING CAUSE OF DEATH .....		586	100.0		561	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	61			61		
GESTATION						
CLINICAL ESTIMATE .....		1	*		1	*
AS COMPUTED .....		2	*		2	*
COMBINED .....		-	*		-	*
PLACE OF DELIVERY .....		2	*		2	*
PRENATAL CARE						
MONTH BEGAN .....		-	*		-	*
NUMBER OF VISITS .....		-	*		-	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		2	*		2	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		1	*		1	*
HISPANIC ORIGIN .....		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		-	*		-	*
BORN LIVE, NOW DEAD .....		-	*		-	*
OTHER TERMINATIONS .....		-	*		-	*
FATHER						
RACE .....		11	*		11	*
AGE .....		12	*		12	*
EDUCATION .....		12	*		12	*
HISPANIC ORIGIN .....		7	*		7	*
MEDICAL RISK FACTORS .....		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		61	100.0		61	100.0
ALCOHOL USE DURING PREGNANCY .....		61	100.0		61	100.0
WEIGHT GAIN DURING PREGNANCY .....		8	*		8	*
OBSTETRIC PROCEDURES .....		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		1	*		1	*
CONGENITAL ANOMALIES OF FETUS .....		-	*		-	*
UNDERLYING CAUSE OF DEATH .....		61	100.0		61	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	476			464		
GESTATION						
CLINICAL ESTIMATE .....		10	*		10	*
AS COMPUTED .....		80	16.8		79	17.0
COMBINED .....		4	*		4	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		51	10.7		49	10.6
NUMBER OF VISITS .....		53	11.1		51	11.0
FETUS						
SEX <sup>1</sup> .....		3	*		-	*
BIRTH WEIGHT .....		14	*		12	*
MOTHER						
MARITAL STATUS .....		11	*		11	*
EDUCATION .....		40	8.4		38	8.2
HISPANIC ORIGIN .....		12	*		12	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		4	*		4	*
BORN LIVE, NOW DEAD .....		5	*		5	*
OTHER TERMINATIONS .....		4	*		4	*
FATHER						
RACE .....		185	38.9		180	38.8
AGE .....		222	46.6		215	46.3
EDUCATION .....		192	40.3		187	40.3
HISPANIC ORIGIN .....		165	34.7		161	34.7
MEDICAL RISK FACTORS .....		20	4.2		19	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		31	6.5		29	6.3
ALCOHOL USE DURING PREGNANCY		33	6.9		31	6.7
WEIGHT GAIN DURING PREGNANCY ..		166	34.9		161	34.7
OBSTETRIC PROCEDURES .....		23	4.8		20	4.3
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		27	5.7		25	5.4
CONGENITAL ANOMALIES OF FETUS .....		48	10.1		45	9.7
UNDERLYING CAUSE OF DEATH .....		476	100.0		464	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	2,122			2,037		
<b>GESTATION</b>						
CLINICAL ESTIMATE .....		157	7.4		151	7.4
AS COMPUTED .....		409	19.3		387	19.0
COMBINED .....		122	5.7		122	6.0
<b>PLACE OF DELIVERY</b> .....						
		2	*		2	*
<b>PRENATAL CARE</b>						
MONTH BEGAN .....		275	13.0		262	12.9
NUMBER OF VISITS .....		304	14.3		294	14.4
<b>FETUS</b>						
SEX <sup>1</sup> .....		3	*		-	*
BIRTH WEIGHT .....		272	12.8		254	12.5
<b>MOTHER</b>						
MARITAL STATUS .....		2,122	100.0		2,037	100.0
EDUCATION .....		240	11.3		233	11.4
HISPANIC ORIGIN .....		5	*		5	*
<b>PREGNANCY HISTORY</b>						
BORN LIVE, NOW LIVING .....		55	2.6		54	2.7
BORN LIVE, NOW DEAD .....		59	2.8		58	2.8
OTHER TERMINATIONS .....		58	2.7		57	2.8
<b>FATHER</b>						
RACE .....		277	13.1		266	13.1
AGE .....		377	17.8		363	17.8
EDUCATION .....		498	23.5		484	23.8
HISPANIC ORIGIN .....		274	12.9		263	12.9
<b>MEDICAL RISK FACTORS</b> .....						
		1,106	52.1		1,065	52.3
<b>OTHER RISK FACTORS</b>						
TOBACCO USE DURING PREGNANCY .....		1,083	51.0		1,039	51.0
ALCOHOL USE DURING PREGNANCY .....		1,109	52.3		1,064	52.2
WEIGHT GAIN DURING PREGNANCY .....		1,495	70.5		1,426	70.0
<b>OBSTETRIC PROCEDURES</b> .....						
		968	45.6		930	45.7
<b>COMPLICATIONS OF LABOR AND/OR DELIVERY</b> .....						
		1,019	48.0		977	48.0
<b>CONGENITAL ANOMALIES OF FETUS</b> .....						
		1,025	48.3		986	48.4
<b>UNDERLYING CAUSE OF DEATH</b> .....						
		2,122	100.0		2,037	100.0

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



FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	278			263		
GESTATION						
CLINICAL ESTIMATE .....		7	*		7	*
AS COMPUTED .....		43	15.5		38	14.4
COMBINED .....		5	*		5	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		34	12.2		29	11.0
NUMBER OF VISITS .....		36	12.9		33	12.5
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		29	10.4		23	8.7
MOTHER						
MARITAL STATUS .....		9	*		8	*
EDUCATION .....		30	10.8		26	9.9
HISPANIC ORIGIN .....		4	*		4	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		5	*		5	*
BORN LIVE, NOW DEAD .....		5	*		5	*
OTHER TERMINATIONS .....		5	*		5	*
FATHER						
RACE .....		59	21.2		53	20.2
AGE .....		70	25.2		64	24.3
EDUCATION .....		75	27.0		69	26.2
HISPANIC ORIGIN .....		51	18.3		46	17.5
MEDICAL RISK FACTORS .....		21	7.6		17	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		26	9.4		24	9.1
ALCOHOL USE DURING PREGNANCY		26	9.4		24	9.1
WEIGHT GAIN DURING PREGNANCY ..		51	18.3		43	16.3
OBSTETRIC PROCEDURES .....		12	*		11	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		18	*		17	*
CONGENITAL ANOMALIES OF FETUS .....		44	15.8		38	14.4
UNDERLYING CAUSE OF DEATH .....		278	100.0		263	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	50			46		
GESTATION						
CLINICAL ESTIMATE .....		-	*		-	*
AS COMPUTED .....		7	*		7	*
COMBINED .....		-	*		-	*
PLACE OF DELIVERY .....		2	*		2	*
PRENATAL CARE						
MONTH BEGAN .....		10	*		8	*
NUMBER OF VISITS .....		8	*		8	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		10	*		7	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		2	*		2	*
HISPANIC ORIGIN .....		3	*		3	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		-	*		-	*
BORN LIVE, NOW DEAD .....		-	*		-	*
OTHER TERMINATIONS .....		-	*		-	*
FATHER						
RACE .....		4	*		3	*
AGE .....		9	*		8	*
EDUCATION .....		8	*		7	*
HISPANIC ORIGIN .....		6	*		5	*
MEDICAL RISK FACTORS .....		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		4	*		4	*
ALCOHOL USE DURING PREGNANCY .....		10	*		10	*
WEIGHT GAIN DURING PREGNANCY ..		20	40.0		17	*
OBSTETRIC PROCEDURES .....		1	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		-	*		-	*
CONGENITAL ANOMALIES OF FETUS .....		4	*		4	*
UNDERLYING CAUSE OF DEATH .....		50	100.0		46	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
VIRGINIA .....	8,236			729		
GESTATION						
CLINICAL ESTIMATE .....		538	6.5		7	*
AS COMPUTED .....		1,953	23.7		128	17.6
COMBINED .....		513	6.2		7	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		7,249	88.0		174	23.9
NUMBER OF VISITS .....		7,302	88.7		208	28.5
FETUS						
SEX <sup>1</sup> .....		7,231	87.8		-	*
BIRTH WEIGHT .....		7,467	90.7		199	27.3
MOTHER						
MARITAL STATUS .....		404	4.9		14	*
EDUCATION .....		5,218	63.4		253	34.7
HISPANIC ORIGIN .....		1,465	17.8		52	7.1
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		761	9.2		23	3.2
BORN LIVE, NOW DEAD .....		787	9.6		23	3.2
OTHER TERMINATIONS .....		805	9.8		25	3.4
FATHER						
RACE .....		8,236	100.0		729	100.0
AGE .....		8,236	100.0		729	100.0
EDUCATION .....		8,236	100.0		729	100.0
HISPANIC ORIGIN .....		8,236	100.0		729	100.0
MEDICAL RISK FACTORS .....		7,160	86.9		170	23.3
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		7,258	88.1		212	29.1
ALCOHOL USE DURING PREGNANCY		7,313	88.8		233	32.0
WEIGHT GAIN DURING PREGNANCY ..		7,730	93.9		409	56.1
OBSTETRIC PROCEDURES .....		7,156	86.9		163	22.4
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		7,204	87.5		190	26.1
CONGENITAL ANOMALIES OF FETUS .....		7,342	89.1		244	33.5
UNDERLYING CAUSE OF DEATH .....		8,236	100.0		729	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	466			460		
GESTATION						
CLINICAL ESTIMATE .....		22	4.7		22	4.8
AS COMPUTED .....		141	30.3		140	30.4
COMBINED .....		13	*		13	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		73	15.7		73	15.9
NUMBER OF VISITS .....		88	18.9		88	19.1
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		51	10.9		49	10.7
MOTHER						
MARITAL STATUS .....		11	*		11	*
EDUCATION .....		104	22.3		103	22.4
HISPANIC ORIGIN .....		27	5.8		27	5.9
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		23	4.9		23	5.0
BORN LIVE, NOW DEAD .....		23	4.9		23	5.0
OTHER TERMINATIONS .....		27	5.8		27	5.9
FATHER						
RACE .....		85	18.2		85	18.5
AGE .....		140	30.0		139	30.2
EDUCATION .....		149	32.0		149	32.4
HISPANIC ORIGIN .....		83	17.8		83	18.0
MEDICAL RISK FACTORS .....		81	17.4		81	17.6
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		69	14.8		69	15.0
ALCOHOL USE DURING PREGNANCY .....		143	30.7		142	30.9
WEIGHT GAIN DURING PREGNANCY .....		239	51.3		234	50.9
OBSTETRIC PROCEDURES .....		90	19.3		90	19.6
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		92	19.7		92	20.0
CONGENITAL ANOMALIES OF FETUS .....		144	30.9		143	31.1
UNDERLYING CAUSE OF DEATH .....		466	100.0		460	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	171			169		
GESTATION						
CLINICAL ESTIMATE .....		2	*		2	*
AS COMPUTED .....		16	*		16	*
COMBINED .....		2	*		2	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		16	*		16	*
NUMBER OF VISITS .....		15	*		15	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		9	*		8	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		21	12.3		21	12.4
HISPANIC ORIGIN .....		2	*		2	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		1	*		1	*
BORN LIVE, NOW DEAD .....		1	*		1	*
OTHER TERMINATIONS .....		1	*		1	*
FATHER						
RACE .....		28	16.4		27	16.0
AGE .....		43	25.1		41	24.3
EDUCATION .....		50	29.2		49	29.0
HISPANIC ORIGIN .....		30	17.5		29	17.2
MEDICAL RISK FACTORS .....		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		28	16.4		28	16.6
ALCOHOL USE DURING PREGNANCY		34	19.9		34	20.1
WEIGHT GAIN DURING PREGNANCY ..		76	44.4		75	44.4
OBSTETRIC PROCEDURES .....		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		-	*		-	*
CONGENITAL ANOMALIES OF FETUS .....		-	*		-	*
UNDERLYING CAUSE OF DEATH .....		171	100.0		169	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	469			458		
GESTATION						
CLINICAL ESTIMATE .....		1	*		1	*
AS COMPUTED .....		36	7.7		36	7.9
COMBINED .....		1	*		1	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		7	*		7	*
NUMBER OF VISITS .....		9	*		9	*
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		4	*		4	*
MOTHER						
MARITAL STATUS .....		1	*		1	*
EDUCATION .....		10	*		10	*
HISPANIC ORIGIN .....		2	*		2	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		3	*		3	*
BORN LIVE, NOW DEAD .....		2	*		2	*
OTHER TERMINATIONS .....		3	*		3	*
FATHER						
RACE .....		190	40.5		184	40.2
AGE .....		192	40.9		186	40.6
EDUCATION .....		196	41.8		190	41.5
HISPANIC ORIGIN .....		190	40.5		184	40.2
MEDICAL RISK FACTORS .....		2	*		2	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		4	*		4	*
ALCOHOL USE DURING PREGNANCY		4	*		4	*
WEIGHT GAIN DURING PREGNANCY ..		29	6.2		27	5.9
OBSTETRIC PROCEDURES .....		5	*		5	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		3	*		3	*
CONGENITAL ANOMALIES OF FETUS .....		4	*		4	*
UNDERLYING CAUSE OF DEATH .....		469	100.0		458	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1992. (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 .....	39			39		
GESTATION						
CLINICAL ESTIMATE .....		-	*		-	*
AS COMPUTED .....		4	*		4	*
COMBINED .....		-	*		-	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		1	*		1	*
NUMBER OF VISITS .....		1	*		1	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		4	*		4	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		-	*		-	*
HISPANIC ORIGIN .....		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		-	*		-	*
BORN LIVE, NOW DEAD .....		-	*		-	*
OTHER TERMINATIONS .....		-	*		-	*
FATHER						
RACE .....		8	*		8	*
AGE .....		8	*		8	*
EDUCATION .....		9	*		9	*
HISPANIC ORIGIN .....		7	*		7	*
MEDICAL RISK FACTORS .....		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		1	*		1	*
ALCOHOL USE DURING PREGNANCY		1	*		1	*
WEIGHT GAIN DURING PREGNANCY ..		10	*		10	*
OBSTETRIC PROCEDURES .....		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		-	*		-	*
CONGENITAL ANOMALIES OF FETUS .....		-	*		-	*
UNDERLYING CAUSE OF DEATH .....		39	100.0		39	100.0

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

FETAL DEATH DOCUMENTATION TABLE 14

NUMBER AND PERCENT OF FETAL DEATHS WITH SPECIFIC CHECKBOX ITEMS REPORTED BY PLACE OF RESIDENCE FOR THE UNITED STATES, 1992

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED
MEDICAL RISK FACTORS FOR THIS PREGNANCY						
ANEMIA .....	66,988	1,087	1.6	28,006	718	2.6
CARDIAC DISEASE .....	66,988	238	0.4	28,006	138	0.5
ACUTE OR CHRONIC LUNG DISEASE .....	66,988	275	0.4	28,006	176	0.6
DIABETES .....	66,988	1,020	1.5	28,006	817	2.9
GENITAL HERPES .....	54,524	138	0.3	24,844	116	0.5
HYDRAMINOS/OLIGOHYDRAMINOS .....	56,622	990	1.7	26,848	941	3.5
HEMOGLOBINOPATHY .....	56,622	69	0.1	26,848	59	0.2
HYPERTENSION, CHRONIC .....	66,988	762	1.1	28,006	581	2.1
HYPERTENSION, PREGNANCY-ASSOCIATED .....	66,988	1,142	1.7	28,006	1,080	3.9
ECLAMPSIA .....	66,988	179	0.3	28,006	164	0.6
INCOMPETENT CERVIX .....	56,622	720	1.3	26,848	578	2.2
PREVIOUS INFANT 4000+ GRAMS .....	56,622	264	0.5	26,848	242	0.9
PREVIOUS PRETERM OR SMALL-FOR-GESTATIONAL-AGE INFANT .....	56,622	844	1.5	26,848	743	2.8
RENAL DISEASE .....	66,988	169	0.3	28,006	145	0.5
RH SENSITIZATION .....	66,702	261	0.4	27,726	155	0.6
UTERINE BLEEDING .....	64,890	6,494	10.0	26,002	1,105	4.2

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



FETAL DEATH DOCUMENTATION TABLE 14

NUMBER AND PERCENT OF FETAL DEATHS WITH SPECIFIC CHECKBOX ITEMS REPORTED BY PLACE OF RESIDENCE FOR THE UNITED STATES, 1992

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED
OBSTETRIC PROCEDURES						
AMNIOCENTESIS .....	66,988	1,900	2.8	28,006	1,695	6.1
ELECTRONIC FETAL MONITORING .....	66,988	7,780	11.6	28,006	7,069	25.2
INDUCTION OF LABOR .....	66,988	7,676	11.5	28,006	6,994	25.0
STIMULATION OF LABOR .....	66,988	2,373	3.5	28,006	2,115	7.6
TOCOLYSIS .....	66,988	858	1.3	28,006	797	2.8
ULTRASOUND .....	65,479	29,122	44.5	26,533	14,130	53.3

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

FETAL DEATH DOCUMENTATION TABLE 14

NUMBER AND PERCENT OF FETAL DEATHS WITH SPECIFIC CHECKBOX ITEMS REPORTED BY PLACE OF RESIDENCE FOR THE UNITED STATES, 1992

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED
COMPLICATIONS OF LABOR AND/OR DELIVERY						
FEBRILE .....	66,988	1,391	2.1	28,006	1,146	4.1
MECONIUM, MODERATE/HEAVY .....	66,988	1,419	2.1	28,006	1,392	5.0
PREMATURE RUPTURE OF MEMBRANE .....	66,988	2,500	3.7	28,006	2,042	7.3
ABRUPTIO PLACENTA .....	66,988	2,358	3.5	28,006	2,221	7.9
PLACENTA PREVIA .....	66,988	283	0.4	28,006	246	0.9
OTHER EXCESSIVE BLEEDING .....	66,988	759	1.1	28,006	376	1.3
SEIZURES DURING LABOR .....	66,988	33	0.0	28,006	29	0.1
PRECIPITOUS LABOR .....	66,988	370	0.6	28,006	339	1.2
PROLONGED LABOR .....	66,988	170	0.3	28,006	160	0.6
DYSFUNCTIONAL LABOR .....	66,988	179	0.3	28,006	168	0.6
BREECH/MALPRESENTATION .....	66,988	3,199	4.8	28,006	2,957	10.6
CEPHALOPELVIC DISPROPORTION .....	54,524	150	0.3	24,844	144	0.6
CORD PROLAPSE .....	66,988	591	0.9	28,006	523	1.9
ANESTHETIC COMPLICATIONS .....	64,890	25	0.0	26,002	20	0.1
FETAL DISTRESS .....	64,890	680	1.0	26,002	632	2.4

<sup>1</sup> 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, 1992

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED
METHOD OF DELIVERY						
VAGINAL .....	66,988	43,115	64.4	28,006	22,745	81.2
VAGINAL BIRTH AFTER PREVIOUS C-SECTION .....	66,988	1,166	1.7	28,006	798	2.8
PRIMARY C-SECTION .....	66,988	1,776	2.7	28,006	1,725	6.2
REPEAT C-SECTION .....	66,988	764	1.1	28,006	754	2.7
FORCEPS .....	66,988	505	0.8	28,006	389	1.4
VACUUM .....	66,988	2,731	4.1	28,006	362	1.3
HYSTEROTOMY/HYSTERECTOMY .....	38,566	172	0.4	19,694	118	0.6

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

FETAL DEATH DOCUMENTATION TABLE 14

NUMBER AND PERCENT OF FETAL DEATHS WITH SPECIFIC CHECKBOX ITEMS REPORTED BY PLACE OF RESIDENCE FOR THE UNITED STATES, 1992

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED
CONGENITAL ANOMALIES OF FETUS						
ANENCEPHALUS .....	43,693	433	1.0	24,641	401	1.6
SPINA BIFIDA/MENINGOCELE .....	43,693	170	0.4	24,641	150	0.6
HYDROCEPHALUS .....	43,693	277	0.6	24,641	263	1.1
MICROCEPHALUS .....	43,693	42	0.1	24,641	39	0.2
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES .....	43,693	239	0.5	24,641	208	0.8
HEART MALFORMATIONS .....	43,693	302	0.7	24,641	294	1.2
OTHER CIRCULATORY/RESPIRATORY ANOMALIES .....	43,693	186	0.4	24,641	167	0.7
RECTAL ATRESIA/STENOSIS .....	43,693	29	0.1	24,641	29	0.1
TRACHEO ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA .....	43,693	28	0.1	24,641	28	0.1
OMPHALOCELE/GASTROSCHISIS .....	43,693	186	0.4	24,641	162	0.7
OTHER GASTROINTESTINAL ANOMALIES ..	43,693	123	0.3	24,641	102	0.4
MALFORMED GENITALIA .....	43,693	88	0.2	24,641	85	0.3
RENAL AGENESIS .....	43,693	105	0.2	24,641	102	0.4
OTHER UROGENITAL ANOMALIES .....	43,693	173	0.4	24,641	146	0.6
CLEFT LIP/PALATE .....	43,693	164	0.4	24,641	156	0.6
POLYDACTYLY/SYNDACTYLY/ADACTYLY ..	43,693	100	0.2	24,641	95	0.4
CLUB FOOT .....	43,693	123	0.3	24,641	115	0.5
DIAPHRAGMATIC HERNIA .....	43,693	37	0.1	24,641	35	0.1
OTHER MUSCULOSKETAL/INTEGUMENTAL ANOMALIES .....	43,693	268	0.6	24,641	233	0.9
DOWN'S SYNDROME .....	43,693	179	0.4	24,641	138	0.6
OTHER CHROMOSOMAL ANOMALIES .....	43,693	383	0.9	24,641	356	1.4

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

**1992 ADDENDUM TO "TECHNICAL APPENDIX" OF VITAL STATISTICS OF THE UNITED STATES, 1990, 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, 1990, 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 1992 data year. Those modifications, which will appear in the printed version of the 1992 technical appendix, include the following:

I. Sources of data

State-coded medical data:

1992  
Montana  
1991  
Arkansas

For 1992, of the States in the VSCP, 32 States submitted precoded medical data for all death certificates on computer tape. In addition, Delaware, Maine, Montana, North Dakota, Vermont, and Wyoming contracted with a private company to provide NCHS with precoded medical data. Kansas continued to provide the medical data for Alaska. Iowa provided precoded medical data for Idaho.

The remaining 18 VSCP States, New York City, and the District of Columbia submitted copies of the original certificates from which NCHS coded the medical data

For 1992, approximately 35 percent (800,000) of the nation's death records were multiple-cause coded using MICAR. In addition to the four States which implemented MICAR in 1991 (Arkansas, Florida, Indiana, and Washington), on at least a portion of their data, the following States implemented MICAR beginning with 1992 data: Georgia, Maryland, New Hampshire, and Vermont. NCHS expanded the use of MICAR to code at least a portion of the death records from the following States: Alabama, Arizona, Connecticut, Hawaii, Illinois, Kentucky, Missouri, Montana, Nevada, New Jersey, 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.

All States submitted precoded demographic data for all death certificates on computer tape in 1992.

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

## II. Classification of data

### A. Race:

Other races--Beginning with data year 1992, All records coded as "other races" (0.01 percent of the total deaths) were assigned to the specified nonwhite race of the previous record.

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

In one study a sample of 340,000 death certificates was compared with census records for a four-month period in 1960 (1). Percent agreement was 99.8 percent for white decedents, and 98.2 percent for black decedents; but less for the smaller minority groups. In another study 29,713 death certificates were compared with responses to the race questions from a total of 12 CPS conducted by the U.S. Bureau of the Census for the years 1979-1985 (2). In this study, called the National Longitudinal Mortality Study (NLMS), agreement for white decedents was 99.2 and for black 98.2; agreement was less for the smaller race groups. In 1986, the National Mortality Followback Survey conducted by the National Center for Health Statistics asked death certificate informants about the race of decedents 25 years old and over. The total sample was 18,733 decedents (3). The rates of agreement were similar to those observed in the other studies.

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

Quality of data on Hispanic origin--A recent study examined the reliability of Hispanic origin reported on 43,520 death certificates with that reported on a total of 12 CPS conducted by the U.S. Bureau of the Census for the years 1979-1985. In this study, agreement was 89.7 percent for any report of Hispanic origin. The ratio of deaths for CPS divided by deaths for death certificate was 1.07 percent indicating net underreporting of Hispanic origin on death certificates as compared with self reports on the surveys. The sample was too small to assess the reliability of specified Hispanic groups.

#### B. Hispanic origin.

Data for 1992 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 1992, mortality data published in Vital Statistics of the United States (VSUS) tables 1-37, 1-38, 1-43, 1-44, and 2-23 are based on deaths to residents of all 48 States and the District of Columbia whose data were at least 80 percent complete on a place-of-occurrence basis.

Infant mortality-In tables 2-24, 2-25, 2-26, and 2-27 the data are based on deaths to residents of the same 48 states and the District of Columbia whose mortality data for all ages and whose live birth data were at least 80 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 2.4 and the percent of live births of unknown origin was 1.0 for the 48 States and the District of Columbia for 1992, 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 (4).

In 1990 the 48 States and the District of Columbia accounted for about 99.6 percent of the Hispanic population in the United States, including about 99.5 percent of the Mexican population, 99.7 percent of the Puerto Rican population, 99.8 percent of the Cuban population, and 99.6 percent of the "Other Hispanic" population (5).

#### C. Educational attainment.

Mortality data on educational attainment for 1992 in VSUS table 1-45 are based on deaths to residents of 45 States 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 42 States and the District of Columbia whose data were at least 80 percent complete on a place-of-occurrence basis. These 42 States are Alabama, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Florida, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Wisconsin, and Wyoming. Data for Connecticut, Kentucky, and West Virginia are excluded because more than 20 Percent of their death certificates were classified to "unknown educational attainment."

#### D. Occupation and industry.

Deaths by occupation and industry are included on the 1992 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 (6). 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 (7). 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 1992 occupation and industry mortality data will not appear in Vital Statistics of the United States, 1992.

### III. Quality of data:

Amended records for Alabama, Alaska, Hawaii, and New Jersey- Numbers of deaths occurring in Alabama, Alaska, Hawaii, and New Jersey for 1991 are in error for all causes of death combined and for selected causes because NCHS did not receive changes resulting from amended records. An estimate of the effect of these omissions can be derived by comparing NCHS counts of records processed through the VSCP with counts prepared by the respective States. Differences are concentrated among selected causes of death, principally Symptoms, signs, and ill-defined conditions (ICD-9 Nos. 780-799) and external causes.

### 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 1992 are based on population estimates as of July 1, 1992 (8,9). The estimates are based on the 1990 census counts. The 1990 census counts by race were modified to be consistent with the U.S. Office of Management and Budget categories and historical categories for death data (10).

### References

1. Hambright, TZ. Comparability of marital status, race, nativity, and county of origin on the death certificate and matching census record: United States, May-Aug 1960. National Center for Health Statistics. Vital Health Stat 2(32). 1969.
2. Sorlie PD, Rogot E, Johnson NJ. Validity of demographic characteristics on the death certificate. Epidemiology 3:2, 181-84. 1992.
3. Poe GS, Powell-Griner E, McLaughlin JK, et al. Comparability of the death certificate and the 1986 national mortality followback survey. National Center for health Statistics. Vital Health Stat 2(118). 1993.
4. National Center for Health Statistics. Technical appendix. Vital statistics of the United States, 1989, vol II, mortality, part A. Washington: Public Health Service. 1993.
5. U.S. Bureau of the Census: Unpublished data from the 1990 census for persons of Spanish origin by State.

6. National Center for Health Statistics: Industry and occupation coding for death certificates, 1990. NCHS instruction manual, Part 19. Hyattsville, Maryland: Public Health Service. 1990

7. U.S. Bureau of the Census: Classified index of industries and occupations. 1980 Census of Population. Washington: U.S. Department of Commerce. 1982.

8. U.S. Bureau of the Census: United States population estimates, by age, sex, race, and Hispanic origin: 1992. Census file RESP0792. 1994.

9. U.S. Bureau of the Census: Unpublished estimates for 1992, by State.

10. U.S. Bureau of the Census: Unpublished data from the 1990 census, by age, sex, race, and Hispanic origin. 1990 CPH-1-74

U.S. STANDARD REPORT OF FETAL DEATH

STATE FILE NUMBER

TYPE/PRINT IN PERMANENT BLACK INK FOR INSTRUCTIONS SEE HANDBOOK

1. FACILITY NAME (If not institution, give street and number)
2. CITY, TOWN, OR LOCATION OF DELIVERY
3. COUNTY OF DELIVERY
4. DATE OF DELIVERY (Month, Day, Year)
5. SEX OF FETUS
6a. MOTHER'S NAME (First, Middle, Last)
6b. MAIDEN SURNAME
7. DATE OF BIRTH (Month, Day, Year)
8a. RESIDENCE-STATE
8b. COUNTY
8c. CITY, TOWN, OR LOCATION
8d. STREET AND NUMBER
9a. INSIDE CITY LIMITS? (Yes or no)
9b. ZIP CODE
9. FATHER'S NAME (First, Middle, Last)
10. DATE OF BIRTH (Month, Day, Year)
11. OF HISPANIC ORIGIN? (Specify No or Yes--If yes, specify Cuban, Mexican, Puerto Rican, etc.)
12. RACE--American Indian, Black, White, etc. (Specify below)
13. EDUCATION (Specify only highest grade completed)
14. OCCUPATION AND BUSINESS/INDUSTRY (Worked during last year)
15. PREGNANCY HISTORY (Complete each section)
16. MOTHER MARRIED? (At delivery, conception, or any time between) (Yes or no)
17. DATE LAST NORMAL MENSTRUATION BEGAN (Month, Day, Year)
18. MONTH OF PREGNANCY PRENATAL CARE BEGAN--First, Second, Third, etc. (Specify)
19. PRENATAL VISITS--Total Number (If none, so state)
20. WEIGHT OF FETUS (Specify Unit)
21. CLINICAL ESTIMATE OF GESTATION (Weeks)
22a. PLURALITY--Single, Twin, Triplet, etc. (Specify)
22b. IF NOT SINGLE BIRTH--Born First, Second, Third, etc. (Specify)
23a. MEDICAL RISK FACTORS FOR THIS PREGNANCY (Check all that apply)
24. OBSTETRIC PROCEDURES (Check all that apply)
25. COMPLICATIONS OF LABOR AND/OR DELIVERY (Check all that apply)
26. METHOD OF DELIVERY (Check all that apply)
27. CONGENITAL ANOMALIES OF FETUS (Check all that apply)
28. PART I. Fetal or maternal condition directly causing fetal death.
29. FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN (Specify)
30. ATTENDANT'S NAME AND TITLE (Type/Print)
31. NAME AND TITLE OF PERSON COMPLETING REPORT (Type/Print)

PARENTS

MOTHER

FATHER

MULTIPLE BIRTHS Enter State File Number for Mate(s) LIVE BIRTH(S)

FETAL DEATH(S)

DEPARTMENT OF HEALTH AND HUMAN SERVICES -- NATIONAL CENTER FOR HEALTH STATISTICS -- 1989 REVISION

MEDICAL AND HEALTH INFORMATION

CAUSE OF FETAL DEATH

## SECTION 7 - TECHNICAL APPENDIX

### SOURCES OF DATA

#### Death and fetal death statistics

Mortality statistics for 1990 are, as for all previous years except 1972, based on information from records of all deaths occurring in the United States. Fetal-death statistics for every year are based on all reports of fetal death received by the National Center for Health Statistics (NCHS).

The death-registration system and the fetal-death reporting system of the United States encompass the 50 States, the District of Columbia, New York City (which is independent of New York State for the purpose of death registration), Puerto Rico, the Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Marianas. In 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 1967-69, and tabulations for Guam were included for 1970 and 1971. Death statistics for Puerto Rico, the Virgin Islands, and Guam were not included in 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, via the Vital Statistics Cooperative Program (VSCP), computer tapes of data coded according to NCHS specifications. 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.

SECTION 7 - TECHNICAL APPENDIX

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

For the Virgin Islands and Guam, mortality statistics for 1990 are based on information obtained directly by NCHS from copies of the original certificates received from the registration offices.

SECTION 7 - TECHNICAL APPENDIX

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. 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 1990 and previous years except 1972, NCHS coded the medical information from copies of the original certificates received from the registration offices for all deaths occurring in those States that were not furnishing NCHS with medical data coded according to NCHS specifications. For 1981 and 1982, these procedures were modified because of a coding and processing backlog resulting from personnel and budgetary restrictions. To produce the mortality files on a timely basis with reduced resources, NCHS used State-coded underlying cause-of-death information supplied by 19 States for 50 percent of the records; for the other 50 percent of the records for these States as well as for 100 percent of the records for the remaining 21 registration areas, NCHS coded the medical information. Mortality statistics for 1972 were based on information obtained from a 50-percent sample of death records instead of from all records as in other years. The sampling resulted from personnel and budgetary restrictions. Sampling variation associated with the 50-percent sample is described in "Estimates of errors arising from 50-percent sample for 1972."

## SECTION 7 - TECHNICAL APPENDIX

Fetal death data are obtained directly from copies of original reports of fetal deaths received by NCHS, except New York State (excluding New York City), which submitted State-coded data in 1990.

### 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 on 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.



## SECTION 7 - TECHNICAL APPENDIX

### HISTORY

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

### CLASSIFICATION OF DATA

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

The general rules used in the classification of geographic and personal items for deaths and fetal deaths for 1990 are set forth 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 of nonresident aliens; nationals residing abroad; and residents of Puerto Rico, the Virgin Islands, Guam, and other territories of the United States. Beginning with 1970, deaths of nonresidents of the United States are not included in tables by place of residence.

## SECTION 7 - TECHNICAL APPENDIX

Tables by place of occurrence, on the other hand, include deaths of both residents and nonresidents of the United States. Consequently, for each year beginning with 1970, the total number of deaths in the United States by place of occurrence was somewhat greater than the total by place of residence. For 1990 this difference amounted to 3,427 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.

Metropolitan statistical areas--The Metropolitan statistical areas (MSA's) and Primary metropolitan statistical areas (PMSA's) used in this volume are those established by the U.S. Office of Management and Budget as of April 1, 1990, and used by the U.S. Bureau of the Census (7), except in the New England States.

## SECTION 7 - TECHNICAL APPENDIX

Outside the New England States, an MSA has either a city with a population of at least 50,000 or a Bureau of the Census urbanized area of at least 50,000 and a total MSA population of at least 100,000. A PMSA consists of a large urbanized county or cluster of counties that demonstrate very strong internal economic and social links and has a population over 1 million. When PMSA's are defined, the larger area of which they are component parts is designated a Consolidated Metropolitan Statistical Area (CMSA) (8).

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

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

Population-size groups--In 1990, vital statistics data for cities and certain other urban places were classified according to the population enumerated in the 1980 Census of Population. Data are available for individual cities and other urban places of 10,000 or more population. Data for the remaining areas not separately identified are shown in the tables under the heading "balance of area" or "balance of county." For the years 1970-81, classification of areas was determined by the population enumerated in the 1970 Census of Population. Beginning with 1982 data, 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. (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.

## SECTION 7 - TECHNICAL APPENDIX

### 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; or to Puerto Rico, the Virgin Islands, or Guam--if specified on the death certificate. The place of birth is also tabulated for Canada, Cuba, Mexico, and for the Remainder of the World. Deaths for which information on State or country of birth was unknown, not stated, or not classifiable accounted for a small proportion of all deaths in 1990, about 1.1 percent.

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

### Age

The age recorded on the death record is the age at last birthday. With respect to the computation of death rates, the age classification used by the U.S. Bureau of the Census is 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 1990, deaths are classified by race--white, black, American Indian, Chinese, Hawaiian, Japanese, Filipino, Other Asian and Pacific Islanders, 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, 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.

## SECTION 7 - TECHNICAL APPENDIX

Race not stated--For 1990, the number of death records for which race was unknown, not stated, or not classifiable was 5,424, or 0.3 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 1962-64 are described in the technical appendixes of the 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 1990 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, Hmong, etc., (specify)

For 1990, mortality data in tables 1-37 and 2-21 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 45 States, New York State

## SECTION 7 - TECHNICAL APPENDIX

(excluding New York City), 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 45 States are Alabama, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, New Mexico, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming. Data for Connecticut and New York City 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 geographic areas for which Hispanic origin was not stated or was unknown. Because New York City accounts for about one-half of the deaths to Puerto Ricans, the resulting mortality data may not be comparable with previous years. Louisiana, New Hampshire, and Oklahoma were excluded because their death certificates did not have an Hispanic or ancestry item.

In tables 2-22-2-25, the reporting area is based on deaths to residents of the same 45 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.

The 45 States, New York State (excluding New York City), and the District of Columbia for which general mortality data are shown in this report accounted for about 98 percent of the Hispanic population in the United States in 1990. This included about 99 percent of the Mexican population, 58 percent of the Puerto Rican population, 92 percent of the Cuban population, and 81 percent of the "Other Hispanic" population (10). Accordingly, some 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. For qualifications regarding infant mortality of the Hispanic-origin population, see "Infant deaths."

Alabama--In 1990 for Alabama, 127 deaths were erroneously coded to Puerto Rican rather than to non-Hispanic. The corresponding number of deaths for Puerto Ricans for 1989 was 15. As a result, the number of deaths for Puerto Ricans for the 45 States, New York State (excluding New York City), and the District of Columbia should be about 2 percent lower than the figures shown.

### **Marital status**

Mortality statistics by marital status (tables 1-34 and 1-35) were published in 1979 for the first time since 1961.

## SECTION 7 - TECHNICAL APPENDIX

(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 on which the marriage is specified as being annulled are classified as never married. Where marital status is specified as separated or common-law marriage, it is classified as married. Of the 2,094,183 resident deaths 15 years of age and over in 1990, 10,791 certificates (0.5 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 1990 (table 1-45) are based on deaths to residents of 43 States and the District of Columbia. Data for seven States--Georgia, Louisiana, New York, Oklahoma, Rhode Island, South Dakota, and Washington--are excluded from this table because their death certificates did not include an educational attainment item, and New York City data are excluded because the education item on its death certificate was considered not comparable to be used for analysis.

In tables 1-46 and 1-47, the data are based on deaths to residents of 28 States and the District of Columbia whose data were at least 90 percent complete on a place-of-occurrence basis. The 28 States are Alabama, Arizona, California, Colorado, Delaware, Florida, Hawaii, Idaho, Illinois, Iowa, Kansas, 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, Indiana, 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."

## SECTION 7 - TECHNICAL APPENDIX

### Place of death and status of decedent

Mortality statistics by place of death were published in 1979 for the first time since 1958 (tables 1-30- 1-32). In addition, mortality data also were available for the first time in 1979 for the status of decedent when death occurred in a hospital or medical center. The 1990 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 kind of facility, appeared on the certificate. The change to a checkbox format in many States for this item may affect the comparability of data 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 VSCP, 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 1-30-1-32. 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 1990 deaths by month are shown in tables 1-20, 1-21, 1-24, 1-33, 2-14-2-16, and 3-7.



## SECTION 7 - TECHNICAL APPENDIX

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 an autopsy were performed. For 1990, autopsies were reported on 239,591 death certificates, 11.2 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 nine 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; Measles; 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). Autopsies were reported for only 7.1 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

## SECTION 7 - TECHNICAL APPENDIX

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

## SECTION 7 - TECHNICAL APPENDIX

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, for each State, and for 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 Vital Statistics of the United States, 1979, Volume II, Mortality, Part A, section 7, pages 9-14.

## SECTION 7 - TECHNICAL APPENDIX

A dual coding study was undertaken in which the Ninth and the Eighth Revisions were compared to measure the extent of discontinuity in cause-of-death statistics resulting from introducing the new Revision. A study for the List of 72 Selected Causes of Death and the List of 10 Selected Causes of Infant Death has been published (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 were also 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 from Vital Statistics for the United States, 1979.

Significant coding changes under the Ninth Revision-- Since the implementation of ICD-9 in the United States, effective with mortality data for 1979, several coding changes have been introduced. The more important changes are discussed as follows. In early 1983, a change that affected data from 1981 to 1986 was made in the coding of acquired immunodeficiency syndrome (AIDS) and HIV infection. Also effective with data year 1981 was a coding change for poliomyelitis. For data year 1982, the definition of child was changed (which affects the classification of deaths to a number of categories, including Child battering and other maltreatment), and guidelines for coding deaths to the category Child battering and other maltreatment (ICD 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 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 1990--The rules and instructions used in coding the 1990 mortality medical data remained essentially the same as those used for the 1988 and 1989 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

## SECTION 7 - TECHNICAL APPENDIX

records of cause of death were reported with equal accuracy and completeness. The medical certification of cause of death can be made only by a qualified person, usually a physician, a medical examiner, or a coroner. Therefore, the reliability and accuracy of cause-of-death statistics are, to a large extent, governed by the ability of the certifier to make the proper diagnosis and by the care with which he or she records this information on the death certificate.

A number of studies have been undertaken on the quality of medical certification on the death certificate. In general, these have been for relatively small samples and for limited geographic areas. A bibliography prepared by NCHS (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 occur for which it is impossible to determine the underlying cause, this proportion indicates the care and consideration given to the certification by the medical certifier. This proportion also may be used as a rough measure of the specificity of the medical diagnoses made by the certifier in various areas. In 1990, a record low of 1.1 percent of all reported deaths in the United States was assigned to this category compared with 1.3 for 1989. 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 since 1980, decreases have occurred for the age group 55-64 years since 1983, for age group 65-74 years since 1982, for age group 75-84 years since 1986, and for 10-year age groups from 15 to 54 years since 1988. Between 1989 and 1990, the percent decreased for all age groups, except for the age group under 1 year of age; the percent for this age group was unchanged.

Automated selection of underlying cause of death--Before data year 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 (multiple causes) on the death certificate. This system is called "Automated Classification of Medical Entities" (ACME) (15).

Beginning with data year 1990, another computer system was implemented. This system, called "Mortality Medical Indexing, Classification, and Retrieval System" (MICAR) (16,17), automates the coding of the multiple causes of death. The MICAR system is a major and logical step forward

## SECTION 7 - TECHNICAL APPENDIX

in the evolution of processing mortality data. MICAR takes advantage of the increasing capabilities of electronic data processing to produce information that is more consistently handled than manually processed information. In addition, MICAR ultimately will provide more detailed information on the conditions reported on the death certificates than is available in the ICD classification (18). In this first year of implementation, only 5 percent (94,372) of the Nation's death records were multiple cause coded using MICAR with subsequent processing through ACME. This includes at least a portion of the data from the following States: Alabama, Kentucky, Oregon, Rhode Island, and West Virginia. The remainder of the national file was processed by either NCHS or the States using only the ACME system. Tests have been conducted on the comparability of MICAR and manually-coded records. See "Medical items on the death certificate.")

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

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

The decision tables were developed by NCHS staff on the basis of their experience in coding underlying causes of death under the earlier manual coding system and as a result of periodic independent validations. These tables periodically are updated to reflect additional new information on the relationship among medical conditions. For data year 1988, these tables were amended to incorporate minor changes to the previously mentioned classification for HIV infection (\*042-\*044) that originally had been implemented with data year 1987. Coding procedures for selecting the underlying cause of death by using the ACME computer program, as well as by using the ACME decision tables, are documented in NCHS instruction manuals (15,19,20).

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 (\*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.

## SECTION 7 - TECHNICAL APPENDIX

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

### **Maternal deaths**

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

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

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

## SECTION 7 - TECHNICAL APPENDIX

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 dying of maternal causes. The number of live births used in the denominator is an approximation of the population of pregnant women who are at risk of a maternal death.

Race--Beginning with the 1989 data year, NCHS changed the method of tabulating live birth and fetal death data by race from race of child to race of mother. This resulted in a discontinuity in maternal mortality rates by race between 1989 and 1990 and previous years; see section on "Change in tabulation of race data 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. Generally, it has been believed that different factors influencing the child's survival predominate in these two periods: Factors associated with prenatal development, heredity, and the birth process were considered dominant in the neonatal period; environmental factors, such as nutrition, hygiene, and accidents, were considered more important in the postneonatal period. Recently, however, the distinction between these two periods has blurred due in part to advances in neonatology, which have enabled more very small premature infants to survive the neonatal period.

Rates--Infant mortality rates 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 (21,22). 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 (23,24).

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



## SECTION 7 - TECHNICAL APPENDIX

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

The infant death rate also is subject to greater imprecision than is the infant mortality rate because of problems of enumerating and estimating the population under 1 year of age (24).

Change in tabulation of race data for live births and fetal deaths--Beginning with the 1989 data year, NCHS changed the method of tabulating live birth and fetal death data by race from race of 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, the numerator and the denominator of the rates are affected because the change to race of mother affects fetal deaths and live births.

As noted in detail in the Technical Appendix from Vital Statistics of the United States, 1989, Volume I, Natality, data on live births and fetal deaths are 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 calculated by race of child as determined statistically by an algorithm based on information reported for the mother and father. 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.

## SECTION 7 - TECHNICAL APPENDIX

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. Consequently, 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 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, inconsistencies exist 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 (25).

These reporting inconsistencies can result in systematic biases in infant mortality rates by specified race, in particular, underestimates for specified races other than white or black. In the computation of race-specific infant mortality rates 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 is sometimes reported as white on the death certificate, but is reported as the minority race group on the birth certificate, resulting, in the aggregate, in understatement of infant mortality for smaller race groups (25).

Estimates can be made of the degree of bias in race-specific infant mortality rates by comparing rates for birth

## SECTION 7 - TECHNICAL APPENDIX

cohorts based on the newly available linked birth and infant death data set (26,27) with period rates based on mortality data published in Vital Statistics of the United States for the same year(s).

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 data comparing infant mortality rates from the linked data set for the birth cohorts of 1985-87 with period rates constructed for 1985-87, bias in the rates for the two major race groups--white and black--is small (Table B). However, cohort rates for the smaller race groups are estimated to be higher than period rates by 9 to 41 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, data from the national linked files should be used to measure infant mortality for races other than black and white. 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 and numbers of resident live births by Hispanic origin of mother for the 45 States, New York State (excluding New York City), 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 1990 was 1.6 percent and the percent of live births of unknown origin was 1.0 percent, infant mortality rates by specified Hispanic origin and race for non-Hispanic origin are slightly underestimated.

Caution should be exercised when comparing infant mortality rates among the Hispanic population (especially Puerto Ricans) and non-Hispanic population for 1990. Because the percent unknown origin for all ages for New York City was about 19 percent on a place-of-occurrence basis, infant mortality data for New York City was excluded from tables 2-22-2-25. The percent unknown origin on place-of-occurrence basis for infant deaths for New York City for 1990 was about 28 percent (about 5 percent for live births). Also, because New York City accounted for about 33 percent of the live births to Puerto Ricans in the United States in 1990, excluding the data for New York City may have an impact on infant mortality rates for the Hispanic population, especially for Puerto Ricans.

## SECTION 7 - TECHNICAL APPENDIX

Table C shows the effects of including and excluding infant deaths and live births for New York City for 1990 in the infant mortality rates for the total area using three methods. The three methods are as follows: (a) No allocation of infant deaths (or live births), (b) proportional allocation of infant deaths (and live births) for all geographic areas combined, and (c) proportional allocation of infant deaths (and live births) for each geographic area separately and then combined for the total area.

Proportional allocation assumes that the percent distribution of deaths (and live births) of unknown origin is the same as for deaths (and live births) of unknown origin.

Method c is believed to be the best method for comparing the impact of including or excluding data for New York City, because of geographic variation in the race and ethnic composition of the population. For method c and using the rates excluding New York City as the base, the difference in infant mortality rates is no greater than 1 percent between including and excluding New York City for all origin, total Hispanic, Mexican, total non-Hispanic, non-Hispanic white, and non-Hispanic black. However, the difference is about 10 percent for Puerto Ricans, 7 percent for Other Hispanic, and 4 percent for Cubans. It is unclear whether including or excluding New York City data produces the better rates.

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 data set as shown in table D. Comparisons also are affected by the approximate 2 percent of infant death records that are not linked to the corresponding birth rates.

Caution should be exercised when generalizing from the ratios of cohort-to-period rates for 1986-87 with data for 1990, because the area for Hispanic data has expanded from 18 States and the District of Columbia in 1986-87 to 45 States, New York State (excluding New York City), and the District of Columbia in 1990. The Hispanic area for 1986-87 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 "Cause-of-death classification" under "Cause of death.")

SECTION 7 - TECHNICAL APPENDIX

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. The effect of these errors on national data for the years 1985-88 shown in table 2-4 is negligible. The problem was identified and corrected for 1989 and subsequent years.

Fetal deaths

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

Death prior to the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy; the death is indicated by the fact that after such separation, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles (28).

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

Shortly thereafter, this definition was adopted by NCHS as the nationally recommended standard. All registration areas except Puerto Rico have definitions similar to the standard definition (29). 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

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

## SECTION 7 - TECHNICAL APPENDIX

The 1977 revision of the Model State Vital Statistics Act and Model State Vital Statistics Regulations (30) 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 should be considered legally required statistical reports rather than legal documents.

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

Comparability and completeness of data--Registration area requirements for reporting fetal deaths vary. Most of the areas require reporting of fetal death at gestations of 20 weeks or more. Table E 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 (31).

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 birthweight of 500 grams or more. In 1990, this rule was applied to the following States: Georgia, Hawaii, New York (including New York City), Rhode Island, and Virginia. Each year, there are exceptions to this procedure.

Arkansas--Since 1971, Arkansas has been using two reporting forms for fetal deaths: A confidential Spontaneous Abortion form that is not sent to NCHS and a Fetal Death Certificate that is. During the period 1971-80, 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 1981-83, 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

## SECTION 7 - TECHNICAL APPENDIX

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 1984-90. 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 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 lower number of fetal deaths and fetal mortality rates for Maryland for 1989 relative to 1990.

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/or delivery and congenital anomalies of fetus were changed from an open-ended question to a checkbox format to ensure more complete reporting of information. However, because of differences in implementation dates of the new fetal death report for reporting States, and because of inexperience in reporting and processing the new items, reporting of the new items in individual States may be incomplete for 1990. The data quality and completeness of many of these items are being evaluated.

The tabulation of items in the fetal death section is limited to those States whose reporting is sufficiently complete. For fetal deaths, data are published when a State has a response for the item on at least 20 percent of the records.

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.

## SECTION 7 - TECHNICAL APPENDIX

To improve data quality, beginning with data for 1989, NCHS instituted a new computer edit to check for consistency between gestation and birthweight (32). Briefly, if LMP gestation is inconsistent with birthweight, and the physician's estimate is consistent, the physician's estimate is used; if both are inconsistent, LMP gestation is used, and birthweight is assigned to unknown. When the period of gestation is reported in months on the report, it is allocated to gestational intervals in weeks as follows:

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

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

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

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

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



## SECTION 7 - TECHNICAL APPENDIX

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 1990 relative to previous years; see "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 1990 were obtained from 44 States and the District of Columbia; areas not supplying data were Louisiana, Maryland, Massachusetts, New Hampshire, Oklahoma, and Rhode Island.

For 1990, fetal and perinatal mortality data in table 3-19 are for 44 States and the District of Columbia and tables 3-20, 4-6 and 4-7 are for 36 States and the District of

Columbia 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, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, West Virginia, Wisconsin, and Wyoming.

The 36 States and the District of Columbia for which fetal and perinatal data by Hispanic origin are shown accounted for about 81 percent of the Hispanic population in 1990, including 93 percent of the Mexican population, 45 percent of the Puerto Rican population, 88 percent of the Cuban population, and 65 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 "Hispanic origin" under "Classification of data").

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

Beginning with implementation of the 1989 revision of the U. S. Standard Report of Fetal Death, total-birth order is calculated from three items on pregnancy history: number of previous live births now living; number of previous live

## SECTION 7 - TECHNICAL APPENDIX

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 reports 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 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 reports with marital status not stated are shown as not stated in frequencies, but are proportionally distributed for rate computations into either the married or unmarried categories according to the percent of fetal deaths reports with stated marital status that fall into each category for the reporting States. Before 1989, fetal deaths reports with not-stated marital status were assigned to the married category. Because of this change, fetal death frequencies and rates by marital status for 1989 and 1990 are not strictly comparable with those for previous years.

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

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

## SECTION 7 - TECHNICAL APPENDIX

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. Before 1989, no such assignment was made.

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

### **Perinatal mortality**

Perinatal definitions--Beginning with data year 1979, perinatal mortality data 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 birthweight is unavailable, the corresponding gestational age (22 weeks) or body length (25 cm crown-heel)), whether alive or dead..." It further recommends, "countries should present, solely for international comparisons, 'standard perinatal statistics' in which both the numerator and denominator of all rates are restricted to fetuses and infants weighing 1,000 grams or more (or, where birthweight is unavailable, the corresponding gestational age (28 weeks) or body length (35 cm crown-heel))." Because birthweight and gestational age are not reported on the death certificate in the United States, NCHS was unable to adopt these definitions. Three definitions of perinatal mortality are used by NCHS: Perinatal Definition I, generally used for international comparisons, which includes fetal deaths of 28 weeks' 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 those States that do not. The larger number of fetal deaths reported for these "all periods" States may result in higher perinatal mortality rates than those rates reported for States whose reporting is less complete. Accordingly, reporting completeness may account, in part, for differences among the State perinatal rates, particularly differences for Definitions II and III, which use data for fetal deaths at 20-27 weeks.

## SECTION 7 - TECHNICAL APPENDIX

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 entire United States. Accordingly, the sum of perinatal deaths for the areas according to Definition I may not equal the total number of perinatal deaths for the United States.

Race--Beginning with the 1989 data year, NCHS 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 "Change in race classification for live births and fetal deaths" under "Infant deaths."

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

### QUALITY OF DATA

#### Completeness of registration

All States have adopted laws 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 affected also.

## SECTION 7 - TECHNICAL APPENDIX

### 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.

### Alaska data

Numbers of deaths occurring in Alaska for each of the years 1988-90 are in error for all causes of death combined and for selected causes because NCHS did not receive changes resulting from amended records. An estimate of the effect of these omissions can be derived by comparing NCHS counts of records processed through the VSCP with counts prepared by the State of Alaska as shown in table F. Differences are concentrated among selected causes of death, principally Symptoms, signs, and ill-defined conditions (ICD-9 Nos. 780-799) and external causes. Differences for other categories in the List of 72 Selected Causes of Death and Human immunodeficiency virus infection did not exceed a total of three deaths.

### Quality control procedures

Demographic items on the death certificate--As previously indicated, for 1990 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. When 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 before to 1990 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 1990 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

## SECTION 7 - TECHNICAL APPENDIX

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 furnished NCHS with coded medical information in 1990 according to NCHS specifications had to qualify for sample verification first. 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 1990 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 coded independently 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 "Automated selection of underlying cause of death.")

The MICAR system automates the coding of multiple causes of death. The quality of the data produced by MICAR is better than the quality of the data produced using manual multiple cause-of-death coding. The version of MICAR used to process 1990 records processed about 85 percent of the mortality records with an average error rate of 0.42 percent on an underlying-cause basis and a rate of 0.74 percent on a multiple-cause basis.

Demographic items on the report of fetal death--For 1990, 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 (33).

## SECTION 7 - TECHNICAL APPENDIX

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, 1980, and 1990 are based on the population enumerated as of April 1 in the censuses for those years. Rates for all other years use the estimated midyear (July 1) population. Death rates for the United States, individual States, and Metropolitan areas are based on the total resident populations of the respective areas. Except as noted, these populations exclude the Armed Forces abroad but include the Armed Forces stationed in each area.

The resident populations of the birth-and death-registration States for 1900-32, and of the United States for 1900-90, and revised populations for 1981-89 are shown in table 7-1. In addition, the population including Armed Forces abroad is shown for the United States. Table G lists the sources for these populations.

In the 1980 and 1990 censuses, a substantial number of persons did not specify a racial group that could be classified as any of the white, black, American Indian, Eskimo, Aleut, Asian, or Pacific Islander categories on the census form. (34) In 1980, the number of persons of "Other" race was 6,758,319; in 1990, it was 9,804,847. In both censuses, the large majority of these persons were of Hispanic origin (based on response to a separate question on the form), and many wrote in their Hispanic origin, or Hispanic origin type (e.g. Mexican, Puerto Rican) as their race. In 1980 and 1990, persons of unspecified race were allocated to one of the four tabulated racial groups (white, black, American Indian, Asian and Pacific Islander) based on their responses to the Hispanic origin question. These four race categories conform with OMB Directive 15 and are more consistent with the race categories in vital statistics.

## SECTION 7 - TECHNICAL APPENDIX

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

In 1990, the race modification procedure was implemented out using individual census records. Persons whose race could not be specified were assigned to a racial category using a pool of "race donors", that consisted of persons of specified race who had the identical responses to the Hispanic origin question and who were within the auspices of the same census District Office. As in the 1980 census, it appeared that the underlying assumption made in the 1990 census was that the Hispanic origin response was the major criterion for allocating race. Unlike those responding to the 1980 census who could be assigned only to the racial groups white or black, persons of Hispanic origin, including Mexican, responding to the 1990 census could be assigned to any racial group. Also, in the 1990 census, the non-Hispanic component of "Other" race was allocated primarily on the basis of geography (district office), rather than detailed characteristic.

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

In 1990, quarter year of birth was not requested on the census form, so that direct determination of age from year of birth was not possible. In 1990 census publications, age is based on respondents' direct reports of age at last birthday. This definition proved inadequate for postcensal estimates as it was apparent that many respondents had reported their age at time of either completion of the census form or interview by an enumerator that could occur several months after the April 1 reference data. As a result, age was biased upward. For most respondents, modification was based on a respecification of age, by year of birth, with allocation to



## SECTION 7 - TECHNICAL APPENDIX

first quarter (persons aged 1990 minus year of birth) and last three quarters (aged 1989 minus year of birth) based on a historical series of registered births by month. This process partially restored the 1980 logic for assignment of age. It was not considered necessary to correct for age overstatement and heaping in 1990, because the availability of age and year of birth on the census form had provided the elimination of spurious year-of-birth reports in the census data before modification occurred.

Population for 1990--The population of the United States enumerated by age, race, and sex for 1990 is shown in table 7-2, and the population for each State by broad age groups follows in table 7-3. The figures have been modified as described.

Population estimates for 1981-89--Death rates in this volume for 1981-89 are based on revised populations that are consistent with the 1990 census level (34,35). They are, therefore, not comparable with death rates published in Vital Statistics of the United States, Volume II, Mortality, for 1981-89, and in other NCHS publications for those years. The 1990 census counted approximately 1.5 million fewer persons than had been estimated earlier for April 1, 1990.

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

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 been estimated for April 1, 1980 (36). 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 during 1961-69 have been revised to reflect modified population bases as published in the U.S. Bureau of the Census, Current Population Reports, Series P-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.

## SECTION 7 - TECHNICAL APPENDIX

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

### **Net census undercount**

Errors can be introduced into the annual rates as a result of underenumeration of deaths and the misreporting of demographic characteristics. Errors in rates can also result from enumeration errors in the latest decennial census. This is because annual population estimates for the postcensal interval, which are used in the denominator for calculating death rates, are computed using the decennial census count as a base (34). Net census undercount results from the miscounting and misreporting of demographic characteristics such as age. Age-specific death rates are affected by the net census undercount and the misreporting of age on the death certificate (37). To the extent that the net undercount is substantial and that it varies among subgroups and geographic areas, it may have important consequences for vital statistics measures.

Because death rates based on a population adjusted for net census undercount may be more accurate than rates based on an unadjusted population, the possible impact of net census undercount on death rates must be considered. This can be done on a national basis using results of studies conducted by the U.S. Bureau of the Census on the completeness of coverage of the U.S. population (including underenumeration and misstatement of age, race, and sex). Such studies were conducted in the last five decennial censuses--1950, 1960, 1970, 1980, and 1990. From this work have come estimates of the national population that were not counted by age, race, and sex (38-41). The reports for 1990 (unpublished data from the U.S. Bureau of the Census) include estimates of net underenumeration and overenumeration for age, sex, and racial subgroups of the national population modified for race consistency with previous population counts as described in the section "Population Bases." These studies indicate that, although coverage was improved over previous censuses, there was differential coverage among the population subgroups; that is, some age, race, and sex groups were more completely counted than others.

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

Age, race, and sex--If adjustments were made for net census undercount, the size of denominators of the death

## SECTION 7 - TECHNICAL APPENDIX

rates generally would increase and the rates, therefore, would decrease. The adjusted rates for 1990 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--indicates a net census overcount--and when multiplied by the reported rate results in an increase in the death rate.

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

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

Similarly, the differences between the death rates among subgroups of the population by cause of death would be affected by adjustments for net census undercounts. For example, in 1990 for the age group 35-39 years, the ratio of the unadjusted death rate for Homicide and legal intervention for black males to that for white males is 6.92, whereas the ratio of the death rates adjusted for net census undercount is 7.54. For Ischemic heart disease for males aged 40-44 years, the ratio of the death rate for the black population to that for the white population is 1.12 using the unadjusted rates, but it is 1.22 when adjusted for estimated underenumeration.

Summary measures--The effect of net census undercount on age-adjusted death rates and life table values depends on the underenumeration of each age group and on the distribution of deaths by age. Thus, the age-adjusted death rate in 1990 for All causes would decrease from 520.2 to 512.7 per 100,000 population if the age-specific death rates were corrected for net census undercount (table H). For Diseases of the heart, the age-adjusted death rate for white males would decrease from 202.0 to 198.1 per 100,000 population, a decline of 2.0 percent. For black males, the change from an unadjusted rate

**SECTION 7 - TECHNICAL APPENDIX**

of 275.9 to an adjusted rate of 256.7 would amount to a decrease of 7.0 percent. For HIV infection, the rate for black males would decrease from 44.2 to 39.0 and for white males from 15.0 to 14.4.

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

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

**Age-adjusted death rates**

Age-adjusted death rates 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

SECTION 7 - TECHNICAL APPENDIX

Life Tables

U.S. abridged life table are constructed by reference to a standard table (42). Life tables for the decennial period 1979-81 are used as the standard life tables in constructing the 1980-90 abridged life tables. Life table values the 1979-81 appearing in this volume are based on revised intercensal estimates of the populations for those years. Therefore, these life table values may differ from life table values of those years published in previous volumes.

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.

There has been an increasing interest in data on the average length of life ( $^{\circ}e_0$ ) for single calendar years before the initiation of the annual abridged life table series for selected race-sex groups in 1945. The figures in table 6-5 for the race and sex groups for the following years were estimated to meet these needs (43).

<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 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.

## SECTION 7 - TECHNICAL APPENDIX

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

Deaths and population-based rates--Except for those reported in 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 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 (44). The probable range of values may be estimated from the actual figures according to certain statistical assumptions.

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

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

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

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

covers the "true" number of events.

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

covers the "true" rate.

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

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

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, 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

**SECTION 7 - TECHNICAL APPENDIX**

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, 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 is computed to be 7.5. From this, it is concluded that the difference between the rates for the two communities is not statistically significant at the 0.05 level of significance.

Rates, proportions, and ratios--Beginning in 1989, an asterisk is shown in place of a rate based on fewer than 20 deaths. These rates have a relative standard error of 23 percent or more and therefore are 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 standards 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 Stat 2(30). 1969.

## SECTION 7 - TECHNICAL APPENDIX

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: 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. Bureau of the Census. Population of metropolitan areas and component geography: 1990 and 1980 (6-30-90 definitions). Washington: U.S. Department of Commerce. 1991.
8. U.S. Department of Commerce. Metropolitan statistical areas classification. Federal register; vol 45 no 2. Washington: U.S. Government Printing Office, 956-62. 1980.
9. U.S. Office of Management and Budget. Standard Metropolitan Statistical Areas, rev. ed. Washington: U.S. Government Printing Office, 89-90. 1975.
10. U.S. Bureau of the Census. Unpublished data from the 1990 census for Persons of Spanish Origin by State.
11. Klebba AJ. Mortality from selected causes by marital status: United States, Parts A and B. National Center for Health Statistics. Vital and Health Stat 20(8a) and 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. 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 Stat 2(89). 1982.



## SECTION 7 - TECHNICAL APPENDIX

15. National Center for Health Statistics. Vital statistics, ICD-9 ACME decision tables for classifying underlying causes of death, 1990. NCHS Instruction Manual; part 2c. Hyattsville, Maryland: Public Health Service. Published annually.
16. 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.
17. 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.
18. National Center for Health. Unpublished memorandum Certification of MICAR, October 1992.
19. National Center for Health Statistics. Instructions for classifying multiple causes of death, 1990. NCHS Instruction Manual; part 2b. Hyattsville, Maryland: Public Health Service. Published annually.
20. National Center for Health Statistics. Nonindexed terms, standard abbreviations, and state geographic codes used in mortality data classification, 1990. NCHS Instruction Manual; part 2e. Hyattsville, Maryland: Public Health Service. Published annually.
21. Guralnick, L, Winter ED. A note on cohort infant mortality rates. Public Health Rep. 80:692-4. 1965.
22. Grove RD, Hetzel AM. Vital Statistics Rates in the United States, 1940-60. Public Health Service. Washington: National Center for Health Statistics. 1968.
23. McCarthy B, Terry J, Rochat R et.al. The underregistration of neonatal deaths: Georgia 1974-77. Am J Public Health 70:977-82. 1980.
24. Linder FE, Grove RD. Vital Statistics Rates in the United States, 1900-40. Washington: National Office of Vital Statistics. 1947.

## SECTION 7 - TECHNICAL APPENDIX

25. Frost F, Shy KK. Racial differences between linked birth and infant death records in Washington State. Am J Public Health 70:974-6. 1980.
26. Prager K, Flinchum GA, Johnson DP. The NCHS pilot project to link birth and infant death records: Stage 1. Public Health Rep 102:216-23. 1987.
27. National Center for Health Statistics. Public use data tape documentation. Linked birth/infant death data set: 1983-87 birth cohort. Hyattsville, Maryland: Public Health Service. 1989-92.
28. National Office of Vital Statistics. International Recommendations on Definitions of Live Birth and Fetal Death. Washington: Public Health Service. 1950.
29. National Center for Health Statistics. State definitions and reporting requirements for live births, fetal deaths, and induced terminations of pregnancy. Washington: Public Health Service. 1981.
30. National Center for Health Statistics. Model State Vital Statistics Act and Model State Vital Statistics Regulations. Washington: Public Health Service. 1978.
31. Greb AE, Pauli RM, Kirby RS. Accuracy of fetal death reports; Comparison with data from an independent stillbirth assessment program. Am J Public Health 77:1202-06. 1987.
32. National Center for Health Statistics. Editing specifications for fetal death records. Unpublished manuscript. Hyattsville, Maryland: Public Health Service. 1991.
33. 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.
34. U.S. Bureau of the Census. U.S. population estimates by age, sex, race and Hispanic origin: 1980-91. Current Population Reports; series P-25, no 1095. Washington: U.S. Department of Commerce. 1992.

## SECTION 7 - TECHNICAL APPENDIX

35. U.S. Bureau of the Census. Age, sex, race, and Hispanic origin information from the 1990 census: A comparison of census results with results where age and race have been modified. Washington: U.S. Department of Commerce. 1991.
36. 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.
37. Hambright TZ. Comparability of age on the death certificate and matching census records: United States, May-August 1960. National Center for Health Statistics, Vital and Health Stat 2(29). 1968.
38. 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. Washington: U.S. Department of Commerce. 1974.
39. U.S. Bureau of the Census. Developmental estimates of the coverage of the population of States in the 1970 census--demographic analysis. Current Population Reports; series P-23, no 65. Washington: U.S. Department of Commerce. 1977.
40. 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. 1985.
42. Sirken MG. Comparison of two methods of constructing abridged life tables by reference to a "standard" table. National Center for Health Statistics. Vital Health Stat 2(4). 1966.
43. Greville TNE, Carlson GA. Estimated average length of life in the death-registration States. Vital statistics--Special Reports; Vol 33 No 9. National Office of Vital Statistics. Washington: Public Health Service. 1951.
44. Chiang CL. Standard error of the age-adjusted death rate. Vital Statistics--Special Reports; Vol 47 No 9. National Office of Vital Statistics. Washington: Public Health Service. 1961.

SECTION 7 - TECHNICAL APPENDIX

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, 1990

Race	Infant deaths	Neonatal deaths	Postneonatal deaths	Maternal deaths	Fetal deaths	Perinatal definition		
						I	II	III
All races	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
White	0.99	0.98	1.00	1.00	1.00	0.99	0.98	0.99
Black	1.06	1.06	1.05	1.00	1.02	1.04	1.04	1.04
American Indian	1.26	1.26	1.26	*	1.06	1.13	1.13	1.12
Chinese	1.08	1.04	1.09	*	1.00	1.00	1.04	1.04
Japanese	1.20	1.19	*	*	0.96	1.02	1.04	1.03
Hawaiian	1.44	1.42	1.46	*	1.04	1.16	1.21	1.19
Filipino	1.03	1.06	1.09	*	1.00	1.04	1.03	1.03
Other Asian	1.10	1.06	1.05	*	1.03	1.03	1.06	1.06
Other races	*	*	*	*	1.23	1.25	1.24	1.23

**SECTION 7 - TECHNICAL APPENDIX**

Table B. Infant mortality rates by race of mother for the period 1985-87 and for birth cohorts, 1985-87; and ratio of birth cohort to period rates: United States  
[Rates per 1,000 live births in specified groups]

Race	Period rate 1985-87	Birth cohort rate 1985-87	Ratio cohort/ period rates
All races	10.4	10.1	0.97
White	8.8	8.5	0.97
Black	18.9	18.2	0.96
American Indian	12.2	13.3	1.09
Chinese	5.5	6.0	1.09
Japanese	5.3	6.6	1.25
Filipino	5.1	7.2	1.41
Other Asian or Pacific Islander	7.0	8.3	1.19

NOTE: Births for race not stated are not distributed.

SECTION 7 - TECHNICAL APPENDIX

Table C. Infant mortality rates by specified Hispanic origin and race for non-Hispanic origin for three method of allocating "unknown origins": Total of 45 States, New York State (including and excluding New York City), and the District of Columbia, 1990

Method and area	[Rate per 1,000 live births in specified group]								
	All origins	Total	Mexican	Hispanic Puerto Rican	Cuban <sup>1</sup>	Other Hispanic	Total <sup>2</sup>	Non-Hispanic White	Black
No Allocation									
45 States, New York (excl. NYC), D.C. ....	9.1	7.8	7.7	10.2	7.6	7.2	9.3	7.4	17.9
45 States, New York (incl. NYC), D.C. ....	9.2	7.7	7.7	8.7	7.2	7.2	9.3	7.4	17.7
Proportional allocation of all areas combined									
45 States, New York (excl. NYC), D.C. ....	9.1	7.8	7.8	10.3	7.6	7.2	9.4	7.5	18.0
45 States, New York (incl. NYC), D.C. ....	9.2	7.8	7.8	8.8	7.4	7.4	9.5	7.6	18.1
Proportional allocation for each area and summed									
45 States, New York (excl. NYC), D.C. ....	9.1	7.8	7.8	10.3	7.6	7.2	9.4	7.5	18.1
45 States, New York (incl. NYC), D.C. ....	9.2	7.9	7.7	9.4	7.3	7.7	9.5	7.5	18.3

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

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

SECTION 7 - TECHNICAL APPENDIX

Table D. Infant mortality rates by specified Hispanic origin of mother and race of mother for mothers of non-Hispanic origin for the period 1986-87 and birth cohorts 1986 and 1987, combined; and ratio of birth cohort to period rates: Total of 18 reporting States and the District of Columbia

[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 1986-87	Birth cohort rate 1986-87	Ratio cohort/ period rates
All origins	10.1	9.7	0.96
Hispanic total	8.0	8.3	1.04
Mexican	7.6	7.9	1.04
Puerto Rican	7.9	10.9	1.37
Cuban	6.5	7.9	1.22
Other Hispanic <sup>1</sup>	9.1	8.3	0.91
Non-Hispanic total <sup>2</sup>	9.9	9.9	1.00
Non-Hispanic White	8.3	8.2	0.99
Non-Hispanic Black	17.5	17.7	1.01

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

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

## SECTION 7 - TECHNICAL APPENDIX

Table E. Period of gestation at which fetal-death reporting is required: Each reporting area, 1990

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

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



SECTION 7 - TECHNICAL APPENDIX

Table F. Numbers of deaths and ratios of deaths for selected causes according to Alaska and NCHS, 1990

[Data by place of occurrence include deaths of nonresidents]

Causes	Alaska	NCHS	Ratio Alaska/NCHS
All causes <sup>1</sup> .....	2214	2216	1.00
Symptoms, signs, and ill-defined conditions.....780-799	48	54	0.89
Accidents and adverse effects .....E800-E949	395	446	0.89
Motor vehicle accidents .....E810-E825	118	102	1.16
All other accidents and adverse effects.....E800-E807,E826-E949	277	344	0.81
Suicide.....E950-E959	122	71	1.72
Homicide and legal intervention .....E960-E978	45	31	1.45
All other external causes..E980-E999	2	6	0.33

<sup>1</sup>For two deaths underlying cause of death was not on the 1990 Alaska file sent to NCHS for evaluation.

SECTION 7 - TECHNICAL APPENDIX

Table G. Source for resident population and population including Armed Forces abroad:  
 Birth- and death-registration States, 1900-1932, and United States, 1900-1990

Year	Source
1990.....	U.S. Bureau of the Census, Unpublished data from the 1990 census. 1990 CPH-L-74 and unpublished data consistent with <u>Current Population Reports</u> , Serie P-25, No. 1095
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</u> ,PC80-1A1, United States Summary, 1983.
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</u> ,Final Report PC(1)-A1, United States Summary, 1971.
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> , PC (1)-A1, United States Summary, 1964.
1951-59.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No.310, June 30, 1965.
1940-50.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 499, May 1973.
1930-39.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 499, May 1973, and National Office of Vital Statistics, <u>Vital Statistics Rates in the United States,1900-1940, 1947.</u>
1920-29.....	National Office of Vital Statistics, <u>Vital Statistics Rates in the United States,1900-1940, 1947.</u>
1917-19.....	Same as for 1930-39
1900-1916...	Same as for 1920-29

Table H. Age-adjusted death rates for selected causes, by race and sex, unadjusted and adjusted for estimated net census undercount: United States, 1990

[Based on age-specific death rates per 100,000 population in specified group. Computed by the direct method, using as the standard population the age distribution of the total population of the United States as enumerated in 1940. See section Age-Adjusted Death Rates. Numbers after causes of deaths are numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers \*042-\*044. See "Cause of Death"]

Race, sex, and adjustment for net census undercount	All causes	Malignant neoplasms including neoplasms				Diabetes mellitus (250)	Diseases of (390-398,402 404-424)	Cerebrovascular diseases (430-438)	Homicide and legal intervention (E960-E978)
		Human immunodeficiency virus infection (*042-*044)	lymphatic and hematopoietic tissues (140-209)						
<b>All Races, Both Sexes</b>									
Unadjusted	520.2	9.8	135.0		11.7	152.0	27.7	10.2	
Adjusted	512.7	9.6	133.3		11.5	149.9	27.3	10.1	
<b>Male</b>									
Unadjusted	680.2	17.7	166.3		12.3	206.7	30.2	16.3	
Adjusted	664.3	17.0	162.4		12.1	202.1	29.6	15.9	
<b>Female</b>									
Unadjusted	390.6	2.1	112.7		11.1	108.9	25.7	4.2	
Adjusted	387.9	2.1	112.6		11.0	107.9	25.4	4.2	
<b>White, Both Sexes</b>									
Unadjusted	492.8	8.0	131.5		10.4	146.9	25.5	5.9	
Adjusted	485.9	7.8	129.9		10.2	145.0	25.2	5.7	
<b>Male</b>									
Unadjusted	644.3	15.0	160.3		11.3	202.0	27.7	8.9	
Adjusted	631.0	14.4	156.9		11.1	198.2	27.3	8.7	
<b>Female</b>									
Unadjusted	369.9	1.1	111.2		9.5	103.1	23.8	2.8	
Adjusted	367.0	1.0	110.8		9.5	102.2	23.5	2.7	
<b>Black, Both Sexes</b>									
Unadjusted	789.2	25.7	182.0		24.8	213.5	48.4	39.5	
Adjusted	760.0	23.9	177.0		24.1	207.2	46.9	37.4	
<b>Male</b>									
Unadjusted	1061.3	44.2	248.1		23.6	275.9	56.1	68.7	
Adjusted	980.8	39.0	230.9		21.9	256.7	52.3	62.9	
<b>Female</b>									
Unadjusted	581.6	9.9	137.2		25.4	168.1	42.7	13.0	
Adjusted	579.4	9.7	138.4		25.7	168.2	42.7	12.7	

