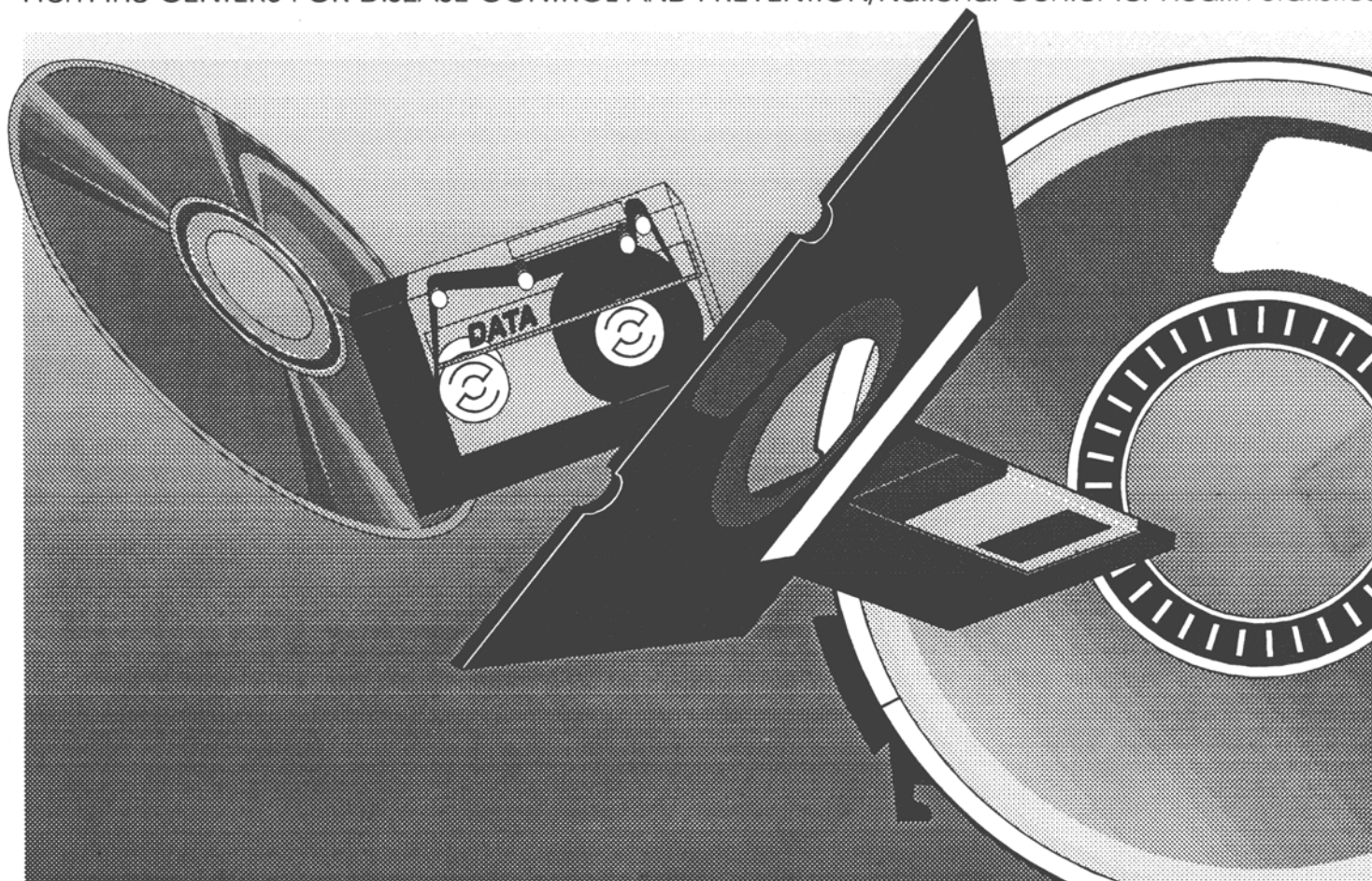


Public Use Data File Documentation

1993 Fetal Deaths Detail Record

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

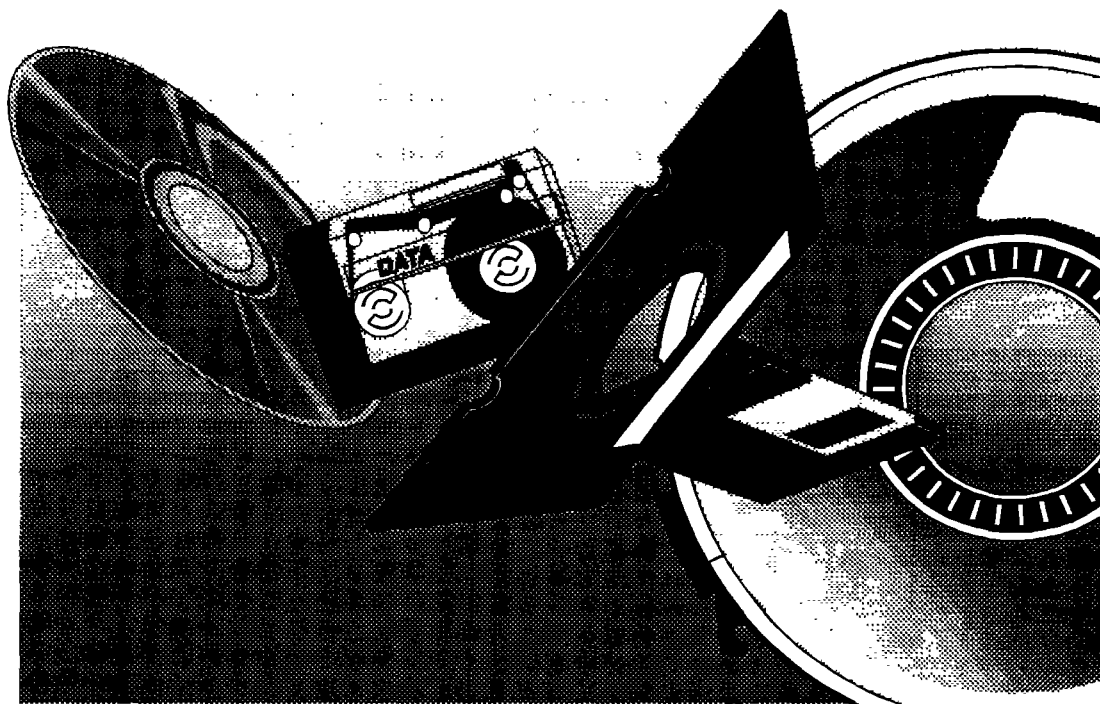


U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control and Prevention
National Center for Health Statistics



Public Use Data File Documentation

1993 Fetal Deaths Detail Record



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

Hyattsville, Maryland
October 1995

Documentation of the Fetal Death Tape File for 1993 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 1993 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 (NECMAs) 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. Plurality	214-215
c. Weight at delivery	207-213
d. Gestation	197-201, 216-217
e. Month/year of delivery	186-187, 190-193
f. 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	220-227
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:	71,181	
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:	71,181
	b.	By residence:	71,113
	c.	To foreign residents:	68
		20 WEEKS AND OVER:	
	a.	By occurrence:	28,804
	b.	By residence:	28,766
	c.	To foreign residents:	38

**1993 FETAL DEATHS
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
1-4	4	<p><u>DATAYEAR</u> <u>Year of Delivery (Data Year)</u></p> <p>1993 ... 1993</p>
5	1	<p><u>TABFLAG</u> <u>Tabulation Inclusion Flag</u></p> <p>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.</p> <p>1 ... Under 20 weeks (excluded) 2 ... 20 weeks or more (included)</p>
6	1	<p><u>RECTYPE</u> <u>Record Type</u></p> <p>1 ... RESIDENTS: State and county of occurrence and residence are the same 2 ... NONRESIDENTS: State and/or county of occurrence and residence are different.</p>
7	1	<p><u>RESTATUS</u> <u>Resident Status</u></p> <p>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.</p>

1993 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

1993 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

1993 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

1993 FETAL DEATHS
DETAIL RECORD

Item
Location

Item
Length

Variable Name,
Item and Code Outline

15-16

2

STFETEXP
Expanded State of Occurrence

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

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

1993 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

**1993 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.

1993 FETAL DEATHS
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
22-26	5	<p><u>FIPSOCC</u> <u>Federal Information Processing Standards (FIPS) Geographic Codes (Occurrence)</u></p> <p>Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes. For an explanation of FIPS codes, reference should be made to various National Institute of Standards and Technology (NIST) publications.</p>
22-23	2	<p><u>STOCCFIP</u> <u>State of Occurrence (FIPS)</u></p> <p>01 ... Alabama 02 ... Alaska 04 ... Arizona 05 ... Arkansas 06 ... California 08 ... Colorado 09 ... Connecticut 10 ... Delaware 11 ... District of Columbia 12 ... Florida 13 ... Georgia 15 ... Hawaii 16 ... Idaho 17 ... Illinois 18 ... Indiana 19 ... Iowa 20 ... Kansas 21 ... Kentucky 22 ... Louisiana 23 ... Maine 24 ... Maryland 25 ... Massachusetts 26 ... Michigan 27 ... Minnesota 28 ... Mississippi 29 ... Missouri 30 ... Montana 31 ... Nebraska 32 ... Nevada 33 ... New Hampshire</p>

1993 FETAL DEATHS
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>																																																															
22-23	2	<u>STOCCFIP</u> <u>State of Occurrence (Cont'd)</u>																																																															
		<table border="0"> <tr><td>34</td><td>...</td><td>New Jersey</td></tr> <tr><td>35</td><td>...</td><td>New Mexico</td></tr> <tr><td>36</td><td>...</td><td>New York</td></tr> <tr><td>37</td><td>...</td><td>North Carolina</td></tr> <tr><td>38</td><td>...</td><td>North Dakota</td></tr> <tr><td>39</td><td>...</td><td>Ohio</td></tr> <tr><td>40</td><td>...</td><td>Oklahoma</td></tr> <tr><td>41</td><td>...</td><td>Oregon</td></tr> <tr><td>42</td><td>...</td><td>Pennsylvania</td></tr> <tr><td>44</td><td>...</td><td>Rhode Island</td></tr> <tr><td>45</td><td>...</td><td>South Carolina</td></tr> <tr><td>46</td><td>...</td><td>South Dakota</td></tr> <tr><td>47</td><td>...</td><td>Tennessee</td></tr> <tr><td>48</td><td>...</td><td>Texas</td></tr> <tr><td>49</td><td>...</td><td>Utah</td></tr> <tr><td>50</td><td>...</td><td>Vermont</td></tr> <tr><td>51</td><td>...</td><td>Virginia</td></tr> <tr><td>53</td><td>...</td><td>Washington</td></tr> <tr><td>54</td><td>...</td><td>West Virginia</td></tr> <tr><td>55</td><td>...</td><td>Wisconsin</td></tr> <tr><td>56</td><td>...</td><td>Wyoming</td></tr> </table>	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
34	...	New Jersey																																																															
35	...	New Mexico																																																															
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50	...	Vermont																																																															
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53	...	Washington																																																															
54	...	West Virginia																																																															
55	...	Wisconsin																																																															
56	...	Wyoming																																																															
24-26	3	<u>CNTOCFIP</u> <u>County of Occurrence (FIPS)</u>																																																															
		<table border="0"> <tr> <td>001-nnn</td> <td>...</td> <td> 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. </td> </tr> </table>	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.																																																												
001-nnn	...	Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State and identify each county with a population of 100,000 or more in 1980. (Note: To uniquely identify a county, both the State and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document.																																																															
27	1	<u>CNTOCPOP</u> <u>Population Size of County of Occurrence</u>																																																															
		<p>Based on the results of the 1980 Census</p> <table border="0"> <tr><td>0</td><td>...</td><td>County of 1,000,000 or more</td></tr> <tr><td>1</td><td>...</td><td>County of 500,000 to 1,000,000</td></tr> <tr><td>2</td><td>...</td><td>County of 250,000 to 500,000</td></tr> <tr><td>3</td><td>...</td><td>County of 100,000 to 250,000</td></tr> <tr><td>9</td><td>...</td><td>County of Less than 100,000</td></tr> </table>	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																																																
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																																																															

**1993 FETAL DEATHS
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
28-59	32	<u>FRESID</u> <u>Place of Residence</u> Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes.
28-30	3	<u>RDSCRES</u> <u>Region, Division, and State Subcode of Residence</u>
28	1	<u>REGNRES</u> <u>Region of Residence</u>
29	1	<u>DIVRES</u> <u>Division of Residence</u>
30	1	<u>STSUBRES</u> <u>State Subcode of Residence</u> States are coded within Division and the code structure is designed to sequence the States as they appear in NCHS publications.
		000 ... <u>Foreign residents</u>
		1 ... <u>NORTHEAST</u>
		1 ... <u>New England</u>
		1 ... Maine
		2 ... New Hampshire
		3 ... Vermont
		4 ... Massachusetts
		5 ... Rhode Island
		6 ... Connecticut
		2 ... <u>Middle Atlantic</u>
		1 ... New York
		2 ... New Jersey
		3 ... Pennsylvania
		2 ... <u>MIDWEST</u>
		3 ... <u>East North Central</u>
		1 ... Ohio
		2 ... Indiana
		3 ... Illinois
		4 ... Michigan
		5 ... Wisconsin
		4 ... <u>West North Central</u>
		1 ... Minnesota
		2 ... Iowa
		3 ... Missouri
		4 ... North Dakota
		5 ... South Dakota
		6 ... Nebraska
		7 ... Kansas

1993 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

1993 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

1993 FETAL DEATHS
DETAIL RECORD

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

1993 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

**1993 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>

**1993 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>

**1993 FETAL DEATHS
DETAIL RECORD**

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

**1993 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

**1993 FETAL DEATHS
DETAIL RECORD**

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

**1993 FETAL DEATHS
DETAIL RECORD**

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

**1993 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 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 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>

1993 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>MEEDUC6</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>

**1993 FETAL DEATHS
DETAIL RECORD**

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

1993 FETAL DEATHS
DETAIL RECORD

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

**1993 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

**1993 FETAL DEATHS
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>																																				
116	1	<p><u>MPRES</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> <table border="0"> <tr><td>1</td><td>...</td><td>1st Trimester (1st-3rd month)</td></tr> <tr><td>2</td><td>...</td><td>2nd Trimester (4th-6th month)</td></tr> <tr><td>3</td><td>...</td><td>3rd Trimester (7th-9th month)</td></tr> <tr><td>4</td><td>...</td><td>No prenatal care</td></tr> <tr><td>5</td><td>...</td><td>Unknown or not stated</td></tr> </table>	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																					
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																																				
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> <table border="0"> <tr><td>00</td><td>...</td><td>No prenatal visits</td></tr> <tr><td>01-48</td><td>...</td><td>Stated number of visits</td></tr> <tr><td>49</td><td>...</td><td>49 or more visits</td></tr> <tr><td>99</td><td>...</td><td>Unknown or not stated</td></tr> </table>	00	...	No prenatal visits	01-48	...	Stated number of visits	49	...	49 or more visits	99	...	Unknown or not stated																								
00	...	No prenatal visits																																				
01-48	...	Stated number of visits																																				
49	...	49 or more visits																																				
99	...	Unknown or not stated																																				
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> <table border="0"> <tr><td>01</td><td>...</td><td>No visits</td></tr> <tr><td>02</td><td>...</td><td>1 - 2 visits</td></tr> <tr><td>03</td><td>...</td><td>3 - 4 visits</td></tr> <tr><td>04</td><td>...</td><td>5 - 6 visits</td></tr> <tr><td>05</td><td>...</td><td>7 - 8 visits</td></tr> <tr><td>06</td><td>...</td><td>9 - 10 visits</td></tr> <tr><td>07</td><td>...</td><td>11 - 12 visits</td></tr> <tr><td>08</td><td>...</td><td>13 - 14 visits</td></tr> <tr><td>09</td><td>...</td><td>15 - 16 visits</td></tr> <tr><td>10</td><td>...</td><td>17 - 18 visits</td></tr> <tr><td>11</td><td>...</td><td>19 visits or more</td></tr> <tr><td>12</td><td>...</td><td>Unknown or not stated</td></tr> </table>	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
01	...	No visits																																				
02	...	1 - 2 visits																																				
03	...	3 - 4 visits																																				
04	...	5 - 6 visits																																				
05	...	7 - 8 visits																																				
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12	...	Unknown or not stated																																				

**1993 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> 1992 ... 1992 1993 ... 1993 9999 ... Unknown or not stated year of LMP

**1993 FETAL DEATHS
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
129-134	6	<p><u>LLBDATE</u> <u>Date of last Live Birth</u></p> <p>Date of last live birth is not reported by all areas. See reporting flags</p> <p>777777 ... No previous live birth</p>
129-130	2	<p><u>LLBMON</u> <u>Month of Last Live Birth</u></p> <p>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</p>
131-134	4	<p><u>LLBYR</u> <u>Year of Last Live Birth</u></p> <p>1900-1993 ... Stated year 9999 ... Unknown or not stated</p>
135-137	3	<p><u>DISLLB</u> <u>Interval Since Last Live Birth</u></p> <p>This item is computed from date of delivery and date of last live birth.</p> <p>777 ... No previous live birth 000 ... Zero months (plural birth) 001-500 ... One - five hundred months 999 ... Unknown</p>
138-139	2	<p><u>ISLLB10</u> <u>Interval Since Last Live Birth Recode</u></p> <p>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</p>

1993 FETAL DEATHS
DETAIL RECORD

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

**1993 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>

**1993 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 ... Not 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>

1993 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> 1993 ... 1993
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

**1993 FETAL DEATHS
DETAIL RECORD**

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

1993 FETAL DEATHS
DETAIL RECORD

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

**1993 FETAL DEATHS
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
204-206	3	<u>R4C</u> <u>Reserved Positions</u>
207-210	4	<u>DBIRWT</u> <u>Weight at Delivery</u> 0000-8165 ... Number of grams 9999 ... Unknown or not stated
211-212	2	<u>BIRWT14</u> <u>Weight at Delivery Recode 14</u> 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
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 ... Quintuplet or higher 9 ... Louisiana occurrence to resident

1993 FETAL DEATHS
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
216-217	2	<p><u>CLINGEST</u> <u>Clinical Estimate of Gestation</u></p> <p>Clinical estimate is not reported by all areas. See reporting flags.</p> <p>02-47 ... Estimated gestation in weeks 99 ... Unknown or not stated</p>
218-219	2	<p><u>R5</u> <u>Reserved Positions</u></p>
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>

**1993 FETAL DEATHS
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
227	1	<u>DELMETH6</u> <u>Method of Delivery Recode</u> 1 ... Vaginal (excludes Vaginal after previous C-section) 2 ... Vaginal birth after previous C-section 3 ... Primary C-section 4 ... Repeat C-Section 5 ... Hysterotomy/Hysterectomy 6 ... Not stated
228-244	17	<u>MEDRISK</u> <u>Medical Risk Factors</u> Each risk factor is assigned a separate position, and the code structure for each risk factor (position) is: 1 ... Factor reported 2 ... Factor not reported 8 ... Factor not on certificate 9 ... Factor not classifiable
228	1	<u>ANEMIA</u> <u>Anemia (Hct.<30/Hgb.<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>

1993 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>

1993 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

1993 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

**1993 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>

1993 FETAL DEATHS
DETAIL RECORD

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

1993 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>

1993 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>

1993 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>

1993 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

**1993 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 Management 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 ... Foreign 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 ... Foreign resident

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
01			Alabama	01	
001	196	1	Autauga	001	5240
		030 6	Prattville, part		
		999 9	Balance of county		
002	192	1	Baldwin	003	5160
003	000	2	Barbour	005	0000
		013 6	Eufaula		
		999 9	Balance of county		
004	000	2	Bibb	007	0000
005	037	1	Blount	009	1000
006	000	2	Bullock	011	0000
007	000	2	Butler	013	0000
008	015	1	Calhoun	015	0450
		004 5	Anniston		
		999 9	Balance of county		
009	000	2	Chambers	017	0000
010	000	2	Cherokee	019	0000
011	000	2	Chilton	021	0000
012	000	2	Choctaw	023	0000
013	000	2	Clarke	025	0000
014	000	2	Clay	027	0000
015	000	2	Cleburne	029	0000
016	000	2	Coffee	031	0000
		012 6	Enterprise, part		
		999 9	Balance of county		
017	100	1	Colbert	033	2650
		034 6	Sheffield		
		999 9	Balance of county		
018	000	2	Conecuh	035	0000
019	000	2	Coosa	037	0000
020	000	2	Covington	039	0000
		003 6	Andalusia		
		999 9	Balance of county		
021	000	2	Crenshaw	041	0000
022	000	2	Cullman	043	0000
		009 6	Cullman		
		999 9	Balance of county		
023	085	1	Dale	045	2180
		011 5	Dothan, part		
		012 6	Enterprise, part		
		028 6	Ozark		
		999 9	Balance of county		
024	000	2	Dallas	047	0000
		033 5	Selma		
		999 9	Balance of county		
025	000	2	De Kalb	049	0000
		016 6	Fort Payne		
		999 9	Balance of county		
026	196	1	Elmore	051	5240
		030 6	Prattville, part		
		999 9	Balance of county		
027	000	2	Escambia	053	0000
028	111	1	Etowah	055	2880
		017 5	Gadsden		
		999 9	Balance of county		
029	000	2	Fayette	057	0000
030	000	2	Franklin	059	0000
031	000	2	Geneva	061	0000
032	000	2	Greene	063	0000
033	000	2	Hale	065	0000
034	000	2	Henry	067	0000
035	085	1	Houston	069	2180
		011 5	Dothan, part		
		999 9	Balance of county		
036	000	2	Jackson	071	0000
		032 6	Scottsboro		
		999 9	Balance of county		
037	037	1	Jefferson	073	1000
		007 5	Bessemer		
		008 2	Birmingham		
		014 6	Fairfield		
		018 6	Homewood		
		019 6	Hoover, part		
		020 6	Hueytown		
		025 6	Mountain Brook		

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

Vital Statistics Codes			FIPS Codes		
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
01				Alabama	01
			040 6	Vestavia Hills	
			999 9	Balance of county	
038	000	2	999 9	Lamar	075 0000
039	100	1		Lauderdale	077 2650
			015 5	Florence	
			999 9	Balance of county	
040	080	1	999 9	Lawrence	079 2030
041	000	2		Lee	081 0000
			006 5	Auburn	
			027 6	Opelika	
			029 5	Phenix City, part	
			999 9	Balance of county	
042	000	2		Limestone	083 0000
			005 6	Athens	
			999 9	Balance of county	
043	000	2	999 9	Lowndes	085 0000
044	000	2		Macon	087 0000
			039 6	Tuskegee	
			999 9	Balance of county	
045	132	1		Madison	089 3440
			021 3	Huntsville	
			999 9	Balance of county	
046	000	2	999 9	Marengo	091 0000
047	000	2	999 9	Marion	093 0000
048	000	2		Marshall	095 0000
			001 6	Albertville	
			999 9	Balance of county	
049	192	1		Mobile	097 5160
			023 3	Mobile	
			031 5	Prichard	
			999 9	Balance of county	
050	000	2	999 9	Monroe	099 0000
051	196	1		Montgomery	101 5240
			024 3	Montgomery	
			999 9	Balance of county	
052	080	1		Morgan	103 2030
			010 5	Decatur	
			999 9	Balance of county	
053	000	2	999 9	Perry	105 0000
054	000	2	999 9	Pickens	107 0000
055	000	2		Pike	109 0000
			037 6	Troy	
			999 9	Balance of county	
056	000	2	999 9	Randolph	111 0000
057	071	1		Russell	113 1800
			029 5	Phenix City, part	
			999 9	Balance of county	
058	037	1	999 9	St. Clair	115 1000
059	037	1		Shelby	117 1000
			019 6	Hoover, part	
			999 9	Balance of county	
060	000	2	999 9	Sumter	119 0000
061	000	2		Talladega	121 0000
			035 6	Sylacauga	
			036 6	Talladega	
			999 9	Balance of county	
062	000	2		Tallapoosa	123 0000
			002 6	Alexander City	
			999 9	Balance of county	
063	296	1		Tuscaloosa	125 8600
			026 6	Northport	
			038 4	Tuscaloosa	
			999 9	Balance of county	
064	037	1		Walker	127 1000
			022 6	Jasper	
			999 9	Balance of county	
065	000	2	999 9	Washington	129 0000
066	000	2	999 9	Wilcox	131 0000
067	000	2	999 9	Winston	133 0000

Vital Statistics Geographic Code Outline

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

Vital Statistics Codes

FIPS Codes

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

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		Cochise	003 0000
				003	6 Douglas	
				014	5 Sierra Vista	
				999	9 Balance of county	
	003	000	2		Coconino	005 0000
				004	5 Flagstaff	
				999	9 Balance of county	
	004	000	2	999	9 Gila	007 0000
	005	000	2	999	9 Graham	009 0000
	006	000	2	999	9 Greenlee	011 0000
	007	226	1		Maricopa	013 6200
				002	5 Chandler	
				005	4 Glendale	
				007	3 Mesa	
				009	6 Paradise Valley	
				010	6 Peoria	
				011	1 Phoenix	
				013	4 Scottsdale	
				015	3 Tempe	
				999	9 Balance of county	
	008	000	2		Mohave	015 0000
				006	6 Lake Havasu City	
				999	9 Balance of county	
	009	000	2	999	9 Navajo	017 0000
	010	294	1		Pima	019 8520
				016	2 Tucson	
				999	9 Balance of county	
	011	000	2		Pinal	021 0000
				001	6 Casa Grande	
				999	9 Balance of county	
	012	000	2		Santa Cruz	023 0000
				008	6 Nogales	
				999	9 Balance of county	
	013	000	2		Yavapai	025 0000
				012	6 Prescott	
				999	9 Balance of county	
	014	320	1		Yuma	027 9360
				017	5 Yuma	
				999	9 Balance of county	

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
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

Vital Statistics Geographic Code Outline

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
05					California	06	
	001	210	1		Alameda		001 5775
				001	4	Alameda	
				002	6	Albany	
				022	3	Berkeley	
				071	3	Fremont	
				082	4	Hayward	
				107	5	Livermore	
				141	5	Newark	
				146	2	Oakland	
				163	6	Piedmont	
				168	5	Pleasanton	
				202	4	San Leandro	
				241	5	Union City	
				999	9	Balance of county	
	002	000	2	999	9	Alpine	003 0000
	003	000	2	999	9	Amador	005 0000
	004	064	1			Butte	007 1620
				037	5	Chico	
				158	6	Paradise	
				999	9	Balance of county	
	005	000	2	999	9	Calaveras	009 0000
	006	000	2	999	9	Colusa	011 0000
	007	210	1			Contra Costa	013 5775
				005	5	Antioch	
				045	3	Concord	
				061	6	El Cerrito	
				094	6	Lafayette	
				123	6	Martinez	
				136	6	Moraga Town	
				164	6	Pinole	
				165	5	Pittsburg	
				167	5	Pleasant Hill	
				180	4	Richmond	
				207	6	San Pablo	
				248	4	Walnut Creek	
				999	9	Balance of county	
	008	000	2	999	9	Del Norte	015 0000
	009	250	1			El Dorado	017 6920
				226	6	South Lake Tahoe	
				999	9	Balance of county	
	010	110	1			Fresno	019 2840
				041	5	Clovis	
				072	3	Fresno	
				178	6	Reedley	
				199	6	Sanger	
				221	6	Selma	
				999	9	Balance of county	
	011	000	2	999	9	Glenn	021 0000
	012	000	2			Humboldt	023 0000
				007	6	Arcata	
				065	6	Eureka	
				999	9	Balance of county	
	013	000	2			Imperial	025 0000
				024	6	Brawley	
				029	6	Calexico	
				060	6	El Centro	
				999	9	Balance of county	
	014	000	2	999	9	Inyo	027 0000
	015	024	1			Kern	029 0680
				013	3	Bakersfield	
				056	6	Delano	
				181	6	Ridgecrest	
				999	9	Balance of county	
	016	000	2			Kings	031 0000
				079	6	Hanford	
				999	9	Balance of county	
	017	000	2	999	9	Lake	033 0000
	018	000	2	999	9	Lassen	035 0000
	019	174	1			Los Angeles	037 4480
				003	4	Alhambra	
				006	5	Arcadia	
				009	6	Artesia	
				012	5	Azusa	
				014	4	Baldwin Park	

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	
		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

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	FIPS Codes
05					California	06
			208	5	San Rafael	
			999	9	Balance of county	
022	000	2	999	9	Mariposa	043 0000
023	000	2			Mendocino	045 0000
			240	6	Ukiah	
			999	9	Balance of county	
024	186	1			Merced	047 4940
			011	6	Atwater	
			116	6	Los Banos	
			126	5	Merced	
			999	9	Balance of county	
025	000	2	999	9	Modoc	049 0000
026	000	2	999	9	Mono	051 0000
027	256	1			Monterey	053 7120
			122	6	Marina	
			134	5	Monterey	
			152	6	Pacific Grove	
			187	4	Salinas	
			220	5	Seaside	
			999	9	Balance of county	
028	299	1			Napa	055 8720
			139	4	Napa	
			999	9	Balance of county	
029	000	2	999	9	Nevada	057 0000
030	010	1			Orange	059 0360
			004	3	Anaheim	
			025	5	Brea	
			026	4	Buena Park	
			048	4	Costa Mesa	
			053	5	Cypress	
			070	4	Fountain Valley	
			073	3	Fullerton	
			075	3	Garden Grove	
			087	3	Huntington Beach	
			092	4	Irvine	
			095	6	Laguna Beach	
			096	5	La Habra	
			101	6	La Palma	
			113	6	Los Alamitos	
			142	4	Newport Beach	
			149	4	Orange	
			166	5	Placentia	
			193	5	San Clemente	
			201	6	San Juan Capistrano	
			209	3	Santa Ana	
			219	5	Seal Beach	
			229	6	Stanton	
			239	5	Tustin	
			251	4	Westminster	
			254	5	Yorba Linda	
			999	9	Balance of county	
031	250	1			Placer	061 6920
			185	6	Roseville	
			999	9	Balance of county	
032	000	2	999	9	Plumas	063 0000
033	245	1			Riverside	065 6780
			015	6	Banning	
			046	5	Corona	
			083	6	Hemet	
			090	6	Indio	
			143	6	Norco	
			154	6	Palm Desert	
			155	5	Palm Springs	
			182	3	Riverside	
			999	9	Balance of county	
034	250	1			Sacramento	067 6920
			067	6	Folsom	
			186	2	Sacramento	
			999	9	Balance of county	
035	000	2			San Benito	069 0000
			086	6	Hollister	
			999	9	Balance of county	
036	245	1			San Bernardino	071 6780
			016	6	Barstow	

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
05				California	06
			038 5	Chino	
			042 5	Colton	
			068 5	Fontana	
			109 6	Loma Linda	
			132 6	Montclair	
			148 4	Ontario	
			172 4	Rancho Cucamonga	
			175 5	Redlands	
			179 5	Rialto	
			189 3	San Bernardino	
			242 5	Upland	
			245 6	Victorville	
			999 9	Balance of county	
037	260	1		San Diego	073 7320
			032 5	Carlsbad	
			039 4	Chula Vista	
			047 6	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	

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
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		

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

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
06					Colorado	08	
			999	9	Balance of county		
039	000	2			Mesa	077	0000
			014	5	Grand Junction		
			999	9	Balance of county		
040	000	2	999	9	Mineral	079	0000
041	000	2	999	9	Moffat	081	0000
042	000	2	999	9	Montezuma	083	0000
043	000	2	999	9	Montrose	085	0000
044	000	2	999	9	Morgan	087	0000
045	000	2	999	9	Otero	089	0000
046	000	2	999	9	Ouray	091	0000
047	000	2	999	9	Park	093	0000
048	000	2	999	9	Phillips	095	0000
049	000	2	999	9	Pitkin	097	0000
050	000	2	999	9	Prowers	099	0000
051	236	1			Pueblo	101	6560
			021	3	Pueblo		
			999	9	Balance of county		
052	000	2	999	9	Rio Blanco	103	0000
053	000	2	999	9	Rio Grande	105	0000
054	000	2	999	9	Routt	107	0000
055	000	2	999	9	Saguache	109	0000
056	000	2	999	9	San Juan	111	0000
057	000	2	999	9	San Miguel	113	0000
058	000	2	999	9	Sedgwick	115	0000
059	000	2	999	9	Summit	117	0000
060	000	2	999	9	Teller	119	0000
061	000	2	999	9	Washington	121	0000
062	119	1			Weld	123	3060
			004	6	Brighton, part		
			015	4	Greeley		
			999	9	Balance of county		
063	000	2	999	9	Yuma	125	0000

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

Vital Statistics Codes			FIPS Codes		
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
07				Connecticut	09
001	047	1		Fairfield	001 1163
			003 3	Bridgeport	
			005 4	Danbury	
			006 6	Darien town	
			011 4	Fairfield town	
			012 4	Greenwich town	
			026 4	Norwalk	
			031 5	Shelton	
			033 3	Stamford	
			034 4	Stratford town	
			036 5	Trumbull town	
			042 5	Westport town	
			999 9	Balance of county	
002	126	1		Hartford	003 3283
			004 4	Bristol	
			008 4	East Hartford town	
			010 5	Enfield town	
			015 3	Hartford	
			016 5	Manchester town	
			021 4	New Britain	
			023 5	Newington town	
			029 6	Plainville town	
			030 6	Rocky Hill town	
			032 5	Southington town	
			040 4	West Hartford town	
			043 5	Wethersfield town	
			045 5	Windsor town	
			046 6	Windsor Locks town	
			999 9	Balance of county	
003	000	2		Litchfield	005 0000
			035 5	Torrington	
			999 9	Balance of county	
004	126	1		Middlesex	007 3283
			018 5	Middletown	
			999 9	Balance of county	
005	203	1		New Haven	009 5483
			001 6	Ansonia	
			002 6	Branford town	
			007 6	Derby	
			009 5	East Haven town	
			014 4	Hamden town	
			017 4	Meriden	
			019 5	Milford	
			020 5	Naugatuck	
			022 3	New Haven	
			025 6	North Haven town	
			028 6	Orange town	
			038 5	Wallingford town	
			039 3	Waterbury	
			041 4	West Haven	
			999 9	Balance of county	
006	204	1		New London	011 5523
			013 6	Groton	
			024 5	New London	
			027 5	Norwich	
			999 9	Balance of county	
007	126	1		Tolland	013 3283
			037 5	Vernon town	
			999 9	Balance of county	
008	000	2		Windham	015 0000
			044 6	Willimantic	
			999 9	Balance of county	

Vital Statistics Geographic Code Outline

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

Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
08					Delaware	10	
	001	000	2		Kent		
				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				St Cnty MSA	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	
10				Florida	12
001	112	1		Alachua	001 2900
			026 4	Gainesville	
			999 9	Balance of county	
002	000	2	999 9	Baker	003 0000
003	220	1		Bay	005 6015
			066 5	Panama City	
			999 9	Balance of county	
004	112	1	999 9	Bradford	007 2900
005	184	1		Brevard	009 4900
			010 6	Cocoa	
			011 6	Cocoa Beach	
			046 5	Melbourne	
			064 6	Palm Bay	
			076 6	Rockledge	
			089 5	Titusville	
			999 9	Balance of county	
006	103	1		Broward	011 2680
			012 6	Cooper City	
			014 5	Coral Springs	
			015 6	Dania	
			016 6	Davie	
			018 5	Deerfield Beach	
			022 3	Fort Lauderdale	
			029 5	Hallandale, part	
			031 3	Hollywood	
			040 5	Lauderdale Lakes	
			041 5	Lauderhill	
			043 6	Lighthouse Point	
			045 5	Margate	
			050 5	Miramar	
			054 6	North Lauderdale	
			058 6	Oakland Park	
			067 5	Pembroke Pines	
			070 5	Plantation	
			072 4	Pompano Beach	
			083 5	Sunrise	
			085 5	Tamarac	
			093 6	Wilton Manors	
			999 9	Balance of county	
007	000	2	999 9	Calhoun	013 0000
008	000	2	999 9	Charlotte	015 0000
009	000	2	999 9	Citrus	017 0000
010	138	1	999 9	Clay	019 3600
011	199	1		Collier	021 5345
			051 6	Naples	
			999 9	Balance of county	
012	000	2	999 9	Columbia	023 0000
013	187	1		Dade	025 5000
			013 5	Coral Gables	
			029 5	Hallandale, part	
			030 3	Hialeah	
			032 6	Homestead	
			047 2	Miami	
			048 4	Miami Beach	
			049 6	Miami Springs	
			055 5	North Miami	
			056 5	North Miami Beach	
			060 6	Opa-locka	
			082 6	South Miami	
			999 9	Balance of county	
014	000	2	999 9	De Soto	027 0000
015	000	2	999 9	Dixie	029 0000
016	138	1		Duval	031 3600
			033 1	Jacksonville	
			034 6	Jacksonville Beach	
			999 9	Balance of county	
017	223	1		Escambia	033 6080
			068 4	Pensacola	
			999 9	Balance of county	
018	000	2	999 9	Flagler	035 0000
019	000	2	999 9	Franklin	037 0000
020	287	1	999 9	Gadsden	039 8240
021	000	2	999 9	Gilchrist	041 0000
022	000	2	999 9	Glades	043 0000

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

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA	
10				Florida	12		
	023	000	2 999 9	Gulf		045	0000
	024	000	2 999 9	Hamilton		047	0000
	025	000	2 999 9	Hardee		049	0000
	026	000	2 999 9	Hendry		051	0000
	027	288	1 999 9	Hernando		053	8280
	028	000	2 999 9	Highlands		055	0000
	029	288	1	Hillsborough		057	8280
			071 6	Plant City			
			086 2	Tampa			
			088 6	Temple Terrace			
			999 9	Balance of county			
	030	000	2 999 9	Holmes		059	0000
	031	000	2	Indian River		061	0000
			091 6	Vero Beach			
			999 9	Balance of county			
	032	000	2 999 9	Jackson		063	0000
	033	000	2 999 9	Jefferson		065	0000
	034	000	2 999 9	Lafayette		067	0000
	035	000	2	Lake		069	0000
			042 6	Leesburg			
			999 9	Balance of county			
	036	104	1	Lee		071	2700
			007 5	Cape Coral			
			023 5	Fort Myers			
			999 9	Balance of county			
	037	287	1	Leon		073	8240
			084 4	Tallahassee			
			999 9	Balance of county			
	038	000	2 999 9	Levy		075	0000
	039	000	2 999 9	Liberty		077	0000
	040	000	2 999 9	Madison		079	0000
	041	044	1	Manatee		081	1140
			006 5	Bradenton			
			999 9	Balance of county			
	042	211	1	Marion		083	5790
			059 5	Ocala			
			999 9	Balance of county			
	043	105	1 999 9	Martin		085	2710
	044	000	2	Monroe		087	0000
			035 6	Key West			
			999 9	Balance of county			
	045	138	1 999 9	Nassau		089	3600
	046	107	1	Okaloosa		091	2750
			025 6	Fort Walton Beach			
			999 9	Balance of county			
	047	000	2 999 9	Okeechobee		093	0000
	048	217	1	Orange		095	5960
			061 3	Orlando			
			095 6	Winter Park			
			999 9	Balance of county			
	049	217	1	Osceola		097	5960
			036 6	Kissimmee			
			999 9	Balance of county			
	050	308	1	Palm Beach		099	8960
			003 6	Belle Glade			
			004 5	Boca Raton			
			005 5	Boynton Beach			
			020 5	Delray Beach			
			038 5	Lake Worth			
			057 6	North Palm Beach			
			065 6	Palm Beach Gardens			
			075 5	Riviera Beach			
			092 4	West Palm Beach			
			999 9	Balance of county			
	051	288	1	Pasco		101	8280
			052 6	New Port Richey			
			999 9	Balance of county			
	052	288	1	Pinellas		103	8280
			009 4	Clearwater			
			021 5	Dunedin			
			027 6	Gulfport			
			039 4	Largo			
			069 5	Pinellas Park			
			078 3	St. Petersburg			

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
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		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		Sumter	119 0000
061	000	2		Suwannee	121 0000
062	000	2		Taylor	123 0000
063	000	2		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		Wakulla	129 0000
066	000	2		Walton	131 0000
067	000	2		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			Inwin	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	5	Hilo		
				999	9	Balance of county		
	002	128	1			Honolulu		003 3320
				001	5	Aiea		
				002	6	Ewa Beach		
				004	2	Honolulu		
				006	5	Kailua		
				007	5	Kaneohe		
				008	6	Mililani Town		
				009	6	Mokapu		
				010	5	Pearl City		
				011	6	Schofield Barracks		
				012	6	Wahiawa		
				014	5	Waipahu		
				999	9	Balance of county		
	003	000	2	999	9	Kalawao		005 0000
	004	000	2	999	9	Kauai		007 0000
	005	000	2			Maui		009 0000
				005	6	Kahului		
				013	6	Wailuku		
				999	9	Balance of county		

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

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	
	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	

Vital Statistics Geographic Code Outline

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
14					Illinois	17	
			999	9	Balance of county		
053	000	2			Livingston	105	0000
			133	6	Pontiac		
			156	6	Streator, part		
			999	9	Balance of county		
054	000	2			Logan	107	0000
			091	6	Lincoln		
			999	9	Balance of county		
055	000	2			McDonough	109	0000
			097	6	Macomb		
			999	9	Balance of county		
056	063	1			McHenry	111	1600
			039	6	Crystal Lake		
			096	6	McHenry		
			175	6	Woodstock		
			999	9	Balance of county		
057	040	1			McLean	113	1040
			014	5	Bloomington		
			114	5	Normal		
			999	9	Balance of county		
058	081	1			Macon	115	2040
			042	4	Decatur		
			999	9	Balance of county		
059	000	2			Macoupin	117	0000
060	254	1			Madison	119	7040
			003	5	Alton		
			036	6	Collinsville, part		
			052	6	Edwardsville		
			069	5	Granite City		
			174	6	Wood River		
			999	9	Balance of county		
061	000	2			Marion	121	0000
			029	6	Centralia, part		
			999	9	Balance of county		
062	000	2			Marshall	123	0000
063	000	2			Mason	125	0000
064	000	2			Massac	127	0000
065	279	1			Menard	129	7880
066	000	2			Mercer	131	0000
067	254	1			Monroe	133	7040
068	000	2			Montgomery	135	0000
069	000	2			Morgan	137	0000
			080	6	Jacksonville		
			999	9	Balance of county		
070	000	2			Moultrie	139	0000
071	000	2			Ogle	141	0000
072	224	1			Peoria	143	6120
			130	5	Pekin, part		
			131	3	Peoria		
			999	9	Balance of county		
073	000	2			Perry	145	0000
074	000	2			Piatt	147	0000
075	000	2			Pike	149	0000
076	000	2			Pope	151	0000
077	000	2			Pulaski	153	0000
078	000	2			Putnam	155	0000
079	000	2			Randolph	157	0000
080	000	2			Richland	159	0000
081	077	1			Rock Island	161	1960
			049	6	East Moline		
			105	5	Moline		
			142	5	Rock Island		
			999	9	Balance of county		
082	254	1			St. Clair	163	7040
			008	5	Belleville		
			023	6	Cahokia		
			036	6	Collinsville, part		
			051	4	East St. Louis		
			060	6	Fairview Heights		
			122	6	O'Fallon		
			999	9	Balance of county		
083	000	2			Saline	165	0000
			071	6	Harrisburg		
			999	9	Balance of county		

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
14				Illinois	17
	084	279	1	Sangamon	167 7880
			153 3	Springfield	
			999 9	Balance of county	
	085	000	2	Schuyler	169 0000
	086	000	2	Scott	171 0000
	087	000	2	Shelby	173 0000
	088	000	2	Stark	175 0000
	089	000	2	Stephenson	177 0000
			063 5	Freeport	
			999 9	Balance of county	
	090	224	1	Tazewell	179 6120
			050 6	East Peoria	
			107 6	Morton	
			130 5	Pekin, part	
			162 6	Washington	
			999 9	Balance of county	
	091	000	2	Union	181 0000
	092	000	2	Vermilion	183 0000
			040 5	Danville	
			999 9	Balance of county	
	093	000	2	Wabash	185 0000
	094	000	2	Warren	187 0000
			106 6	Monmouth	
			999 9	Balance of county	
	095	000	2	Washington	189 0000
	096	000	2	Wayne	191 0000
	097	000	2	White	193 0000
	098	000	2	Whiteside	195 0000
			140 6	Rock Falls	
			154 6	Sterling	
			999 9	Balance of county	
	099	145	1	Will	197 3690
			016 5	Bolingbrook, part	
			081 4	Joliet	
			112 5	Naperville, part	
			128 5	Park Forest, part	
			144 6	Romeoville	
			159 5	Tinley Park, part	
			999 9	Balance of county	
	100	000	2	Williamson	199 0000
			074 6	Herrin	
			098 6	Marion	
			999 9	Balance of county	
	101	249	1	Winnebago	201 6880
			095 6	Loves Park	
			141 3	Rockford	
			999 9	Balance of county	
	102	224	1	Woodford	203 6120

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
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	2 999 9	Jefferson	077 0000
			036 6	Madison	
			999 9	Balance of county	
	040	000	2 999 9	Jennings	079 0000
	041	133	1 999 9	Johnson	081 3480
			017 6	Franklin	
			021 6	Greenwood	
			999 9	Balance of county	
	042	000	2 999 9	Knox	083 0000
			057 6	Vincennes	
			999 9	Balance of county	
	043	000	2 999 9	Kosciusko	085 0000
			059 6	Warsaw	
			999 9	Balance of county	
	044	000	2 999 9	Lagrange	087 0000
	045	114	1 999 9	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	2 999 9	La Porte	091 0000
			032 6	La Porte	
			040 5	Michigan City	
			999 9	Balance of county	
	047	000	2 999 9	Lawrence	093 0000
			002 6	Bedford	
			999 9	Balance of county	
	048	012	1 999 9	Madison	095 0400
			001 4	Anderson	
			013 6	Elwood, part	
			999 9	Balance of county	
	049	133	1 999 9	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	2 999 9	Miami	103 0000
			047 6	Peru	
			999 9	Balance of county	
	053	039	1 999 9	Monroe	105 1020
			004 4	Bloomington	
			999 9	Balance of county	
	054	000	2 999 9	Montgomery	107 0000
			009 6	Crawfordsville	
			999 9	Balance of county	
	055	133	1 999 9	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	1 999 9	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	Louisa	115 0000
	059	000	2	Lucas	117 0000
	060	000	2	Lyon	119 0000
	061	000	2	Madison	121 0000
	062	000	2	Mahaska	123 0000
			023 6	Oskaloosa	
			999 9	Balance of county	
	063	000	2	Marion	125 0000
	064	000	2	Marshall	127 0000
			019 5	Marshalltown	
			999 9	Balance of county	
	065	000	2	Mills	129 0000
	066	000	2	Mitchell	131 0000
	067	000	2	Monona	133 0000
	068	000	2	Monroe	135 0000
	069	000	2	Montgomery	137 0000
	070	000	2	Muscatine	139 0000
			021 6	Muscatine	
			999 9	Balance of county	
	071	000	2	O'Brien	141 0000
	072	000	2	Osceola	143 0000
	073	000	2	Page	145 0000
	074	000	2	Palo Alto	147 0000
	075	000	2	Plymouth	149 0000
	076	000	2	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	Poweshiek	157 0000
	080	000	2	Ringgold	159 0000
	081	000	2	Sac	161 0000
	082	077	1	Scott	163 1960
			003 5	Bettendorf	
			010 3	Davenport	
			999 9	Balance of county	
	083	000	2	Shelby	165 0000
	084	000	2	Sioux	167 0000
	085	000	2	Story	169 0000
			001 5	Ames	
			999 9	Balance of county	
	086	000	2	Tama	171 0000
	087	000	2	Taylor	173 0000
	088	000	2	Union	175 0000
	089	000	2	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	Washington	183 0000
	093	000	2	Wayne	185 0000
	094	000	2	Webster	187 0000
			013 5	Fort Dodge	
			999 9	Balance of county	
	095	000	2	Winnebago	189 0000
	096	000	2	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		

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
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		Davless	059 5990
				023 4	Owensboro	
				999 9	Balance of county	
	031	000	2	999 9	Edmonson	061 0000
	032	000	2	999 9	Elliott	063 0000
	033	000	2	999 9	Estill	065 0000
	034	168	1	015 3	Fayette, coext. with Lexington-Fayette	067 4280
	035	000	2	999 9	Fleming	069 0000
	036	000	2	999 9	Floyd	071 0000
	037	000	2		Franklin	073 0000
				009 5	Frankfort	
				999 9	Balance of county	
	038	000	2	999 9	Fulton	075 0000
	039	000	2	999 9	Gallatin	077 0000
	040	000	2	999 9	Garrard	079 0000
	041	000	2	999 9	Grant	081 0000
	042	000	2		Graves	083 0000
				018 6	Mayfield	
				999 9	Balance of county	
	043	000	2	999 9	Grayson	085 0000
	044	000	2	999 9	Green	087 0000
	045	131	1	999 9	Greenup	089 3400
	046	000	2	999 9	Hancock	091 0000
	047	000	2		Hardin	093 0000
				005 6	Elizabethtown	
				025 6	Radcliff	

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

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

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

Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
18					Kentucky	21	
101	000	2	999	9	Robertson	201	0000
102	000	2	999	9	Rockcastle	203	0000
103	000	2	999	9	Rowan	205	0000
104	000	2	999	9	Russell	207	0000
105	168	1			Scott	209	4280
			010	6	Georgetown		
			999	9	Balance of county		
106	175	1	999	9	Shelby	211	4520
107	000	2	999	9	Simpson	213	0000
108	000	2	999	9	Spencer	215	0000
109	000	2	999	9	Taylor	217	0000
110	000	2	999	9	Todd	219	0000
111	000	2	999	9	Trigg	221	0000
112	000	2	999	9	Trimble	223	0000
113	000	2	999	9	Union	225	0000
114	000	2			Warren	227	0000
			002	5	Bowling Green		
			999	9	Balance of county		
115	000	2	999	9	Washington	229	0000
116	000	2	999	9	Wayne	231	0000
117	000	2	999	9	Webster	233	0000
118	000	2	999	9	Whitley	235	0000
119	000	2	999	9	Wolfe	237	0000
120	168	1	999	9	Woodford	239	4280

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

Vital Statistics Codes				FIPS Codes					
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
19						Louisiana	22		
	001	000	2			Acadia	001	0000	
				008	6	Crowley			
				010	6	Eunice, part			
				999	9	Balance of parish			
	002	000	2	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	Slideell	
			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

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
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				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
21				Maryland	24
001	074	1		Allegany	001 1900
			007 5	Cumberland	
			999 9	Balance of county	
002	025	1		Anne Arundel	003 0720
			002 5	Annapolis	
			999 9	Balance of county	
003	025	1	999 9	Baltimore	005 0720
004	025	1	003 1	Baltimore city	510 0720
005	305	1	999 9	Calvert	009 8840
006	000	2	999 9	Caroline	011 0000
007	025	1	999 9	Carroll	013 0720
008	313	1	999 9	Cecil	015 9160
009	305	1	999 9	Charles	017 8840
010	000	2		Dorchester	019 0000
			005 6	Cambridge	
			999 9	Balance of county	
011	305	1		Frederick	021 8840
			008 5	Frederick	
			999 9	Balance of county	
012	000	2	999 9	Garrett	023 0000
013	025	1		Harford	025 0720
			001 6	Aberdeen	
			999 9	Balance of county	
014	025	1	999 9	Howard	027 0720
015	000	2	999 9	Kent	029 0000
016	305	1		Montgomery	031 8840
			009 5	Gaithersburg	
			015 5	Rockville	
			017 6	Takoma Park, part	
			999 9	Balance of county	
017	305	1		Prince George's	033 8840
			004 5	Bowie	
			006 6	College Park	
			010 6	Greenbelt	
			012 6	Hyattsville	
			013 6	Laurel	
			014 6	New Carrollton	
			017 6	Takoma Park, part	
			999 9	Balance of county	
018	025	1	999 9	Queen Anne's	035 0720
019	000	2	999 9	St. Mary's	037 0000
020	000	2	999 9	Somerset	039 0000
021	000	2	999 9	Talbot	041 0000
022	123	1		Washington	043 3180
			011 5	Hagerstown	
			999 9	Balance of county	
023	000	2		Wicomico	045 0000
			016 6	Salisbury	
			999 9	Balance of county	
024	000	2	999 9	Worcester	047 0000

Vital Statistics 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	

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
23					Michigan	26	
	001	000	2	999 9	Alcona	001	0000
	002	000	2	999 9	Alger	003	0000
	003	000	2		Allegan	005	0000
				049 5	Holland, part		
				999 9	Balance of county		
	004	000	2		Alpena	007	0000
				004 6	Alpena		
				999 9	Balance of county		
	005	000	2	999 9	Antrim	009	0000
	006	000	2	999 9	Arenac	011	0000
	007	000	2	999 9	Baraga	013	0000
	008	000	2	999 9	Barry	015	0000
	009	251	1		Bay	017	6960
				007 6	Bangor township		
				009 5	Bay City		
				063 5	Midland, part		
				999 9	Balance of county		
	010	000	2	999 9	Benzie	019	0000
	011	032	1		Berrien	021	0870
				010 6	Benton Harbor		
				070 6	Niles		
				999 9	Balance of county		
	012	000	2	999 9	Branch	023	0000
	013	028	1		Calhoun	025	0780
				002 6	Albion		
				008 5	Battle Creek		
				999 9	Balance of county		
	014	000	2	999 9	Cass	027	0000
	015	000	2	999 9	Charlevoix	029	0000
	016	000	2	999 9	Cheboygan	031	0000
	017	000	2		Chippewa	033	0000
				088 6	Sault Ste. Marie		
				999 9	Balance of county		
	018	000	2	999 9	Clare	035	0000
	019	161	1		Clinton	037	4040
				055 3	Lansing, part		
				999 9	Balance of county		
	020	000	2	999 9	Crawford	039	0000
	021	000	2		Delta	041	0000
				028 6	Escanaba		
				999 9	Balance of county		
	022	000	2	999 9	Dickinson	043	0000
	023	161	1		Eaton	045	4040
				055 3	Lansing, part		
				999 9	Balance of county		
	024	000	2	999 9	Emmet	047	0000
	025	099	1		Genesee	049	2640
				016 5	Burton		
				032 3	Flint		
				033 5	Flint township		
				036 5	Genesee township		
				066 5	Mount Morris township		
				999 9	Balance of county		
	026	000	2	999 9	Gladwin	051	0000
	027	000	2	999 9	Gogebic	053	0000
	028	000	2		Grand Traverse	055	0000
				094 6	Traverse City		
				999 9	Balance of county		
	029	000	2	999 9	Gratiot	057	0000
	030	000	2	999 9	Hillsdale	059	0000
	031	000	2	999 9	Houghton	061	0000
	032	000	2	999 9	Huron	063	0000
	033	161	1		Ingham	065	4040
				026 5	East Lansing		
				055 3	Lansing, part		
				062 5	Meridian township		
				999 9	Balance of county		
	034	000	2	999 9	Ionia	067	0000
	035	000	2	999 9	Iosco	069	0000
	036	000	2	999 9	Iron	071	0000
	037	000	2		Isabella	073	0000
				067 6	Mount Pleasant		
				999 9	Balance of county		
	038	135	1		Jackson	075	3520
				051 5	Jackson		

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

Vital Statistics Codes		FIPS Codes				
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
23				Michigan	26	
			999 9	Balance of county		
039	147	1		Kalamazoo	077	3720
			052 4	Kalamazoo		
			053 6	Kalamazoo township		
			077 5	Portage		
			999 9	Balance of county		
040	000	2	999 9	Kalkaska	079	0000
041	117	1		Kent	081	3000
			025 6	East Grand Rapids		
			039 3	Grand Rapids		
			040 6	Grandville		
			054 5	Kentwood		
			097 6	Walker		
			104 4	Wyoming		
			999 9	Balance of county		
042	000	2	999 9	Keweenaw	083	0000
043	000	2	999 9	Lake	085	0000
044	084	1	999 9	Lapeer	087	2160
045	000	2	999 9	Leelanau	089	0000
046	000	2		Lenawee	091	0000
			001 6	Adrian		
			999 9	Balance of county		
047	084	1	999 9	Livingston	093	2160
048	000	2	999 9	Luce	095	0000
049	000	2	999 9	Mackinac	097	0000
050	084	1		Macomb	099	2160
			020 4	Clinton township		
			024 5	East Detroit		
			034 6	Fraser		
			046 6	Harrison township		
			065 6	Mount Clemens		
			083 4	Roseville		
			087 4	St. Clair Shores		
			089 5	Shelby township		
			092 3	Sterling Heights		
			098 3	Warren		
			999 9	Balance of county		
051	000	2	999 9	Manistee	101	0000
052	000	2		Marquette	103	0000
			059 6	Marquette		
			999 9	Balance of county		
053	000	2	999 9	Mason	105	0000
054	000	2		Mecosta	107	0000
			013 6	Big Rapids		
			999 9	Balance of county		
055	000	2		Menominee	109	0000
			061 6	Menominee		
			999 9	Balance of county		
056	251	1		Midland	111	6960
			063 5	Midland, part		
			999 9	Balance of county		
057	000	2	999 9	Missaukee	113	0000
058	084	1		Monroe	115	2160
			064 6	Monroe		
			999 9	Balance of county		
059	000	2	999 9	Montcalm	117	0000
060	000	2	999 9	Montmorency	119	0000
061	198	1		Muskegon	121	5320
			068 5	Muskegon		
			069 6	Muskegon Heights		
			071 6	Norton Shores		
			999 9	Balance of county		
062	000	2	999 9	Newaygo	123	0000
063	084	1		Oakland	125	2160
			006 5	Avon township		
			011 6	Berkley		
			012 6	Beverly Hills		
			014 6	Birmingham		
			015 5	Bloomfield township		
			019 6	Clawson		
			029 6	Farmington		
			030 4	Farmington Hills		
			031 5	Ferndale		
			047 6	Hazel Park		

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
23				Michigan	26
			058 5	Madison Heights	
			072 6	Novi	
			073 5	Oak Park	
			076 4	Pontiac	
			084 4	Royal Oak	
			090 4	Southfield	
			096 4	Troy	
			100 5	West Bloomfield township	
			999 9	Balance of county	
064	000	2	999 9	Oceana	127 0000
065	000	2	999 9	Ogemaw	129 0000
066	000	2	999 9	Ontonagon	131 0000
067	000	2	999 9	Osceola	133 0000
068	000	2	999 9	Oscoda	135 0000
069	000	2	999 9	Otsego	137 0000
070	117	1		Ottawa	139 3000
			037 5	Georgetown township	
			038 6	Grand Haven	
			049 5	Holland, part	
			999 9	Balance of county	
071	000	2	999 9	Presque Isle	141 0000
072	000	2	999 9	Roscommon	143 0000
073	251	1		Saginaw	145 6960
			085 4	Saginaw	
			086 5	Saginaw township	
			999 9	Balance of county	
074	084	1		St. Clair	147 2160
			078 5	Port Huron	
			999 9	Balance of county	
075	000	2	999 9	St. Joseph	149 0000
076	000	2	999 9	Sanilac	151 0000
077	000	2	999 9	Schoolcraft	153 0000
078	000	2		Shiawassee	155 0000
			074 6	Owosso	
			999 9	Balance of county	
079	000	2	999 9	Tuscola	157 0000
080	000	2	999 9	Van Buren	159 0000
081	014	1		Washtenaw	161 0440
			005 3	Ann Arbor	
			105 6	Ypsilanti	
			106 5	Ypsilanti township	
			999 9	Balance of county	
082	084	1		Wayne	163 2160
			003 5	Allen Park	
			018 5	Canton township	
			021 4	Dearborn	
			022 4	Dearborn Heights	
			023 0	Detroit	
			027 6	Ecorse	
			035 5	Garden City	
			041 6	Grosse Pointe Farms	
			042 6	Grosse Pointe Park	
			043 6	Grosse Pointe Woods	
			044 6	Hamtramck	
			045 6	Harper Woods	
			048 5	Highland Park	
			050 5	Inkster	
			056 5	Lincoln Park	
			057 3	Livonia	
			060 6	Melvindale	
			075 6	Plymouth township	
			079 4	Redford township	
			080 6	River Rouge	
			081 6	Riverview	
			082 6	Romulus	
			091 5	Southgate	
			093 4	Taylor	
			095 6	Trenton	
			099 6	Wayne	
			101 4	Westland	
			102 6	Woodhaven	
			103 5	Wyandotte	
			999 9	Balance of county	
083	000	2		Wexford	165 0000
			017 6	Cadillac	

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

Vital Statistics Codes

FIPS Codes

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

St Cnty MSA

23

999 9 Michigan
Balance of county

26

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

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
24					Minnesota	27
	001	000	2	999	9 Aitkin	001 0000
	002	191	1		Anoka	003 5120
			002	6	Anoka	
			006	5	Blaine, part	
			013	6	Columbia Heights	
			014	5	Coon Rapids	
			024	5	Fridley	
			047	6	Ramsey	
			999	9	Balance of county	
	003	000	2	999	9 Becker	005 0000
	004	000	2		Beltrami	007 0000
			005	6	Bemidji	
			999	9	Balance of county	
	005	252	1		Benton	009 6980
			053	5	St. Cloud, part	
			999	9	Balance of county	
	006	000	2	999	9 Big Stone	011 0000
	007	000	2		Blue Earth	013 0000
			031	5	Mankato, part	
			999	9	Balance of county	
	008	000	2		Brown	015 0000
			041	6	New Ulm	
			999	9	Balance of county	
	009	000	2		Carlton	017 0000
			012	6	Cloquet	
			999	9	Balance of county	
	010	191	1	999	9 Carver	019 5120
	011	000	2	999	9 Cass	021 0000
	012	000	2	999	9 Chippewa	023 0000
	013	191	1	999	9 Chisago	025 5120
	014	096	1		Clay	027 2520
			037	5	Moorhead	
			999	9	Balance of county	
	015	000	2	999	9 Clearwater	029 0000
	016	000	2	999	9 Cook	031 0000
	017	000	2	999	9 Cottonwood	033 0000
	018	000	2		Crow Wing	035 0000
			008	6	Brainerd	
			999	9	Balance of county	
	019	191	1		Dakota	037 5120
			003	6	Apple Valley	
			011	5	Burnsville	
			018	6	Eagan	
			026	6	Hastings, part	
			029	6	Inver Grove Heights	
			030	6	Lakeville	
			042	6	Northfield, part	
			057	6	South St. Paul	
			060	6	West St. Paul	
			999	9	Balance of county	
	020	000	2	999	9 Dodge	039 0000
	021	000	2	999	9 Douglas	041 0000
	022	000	2	999	9 Faribault	043 0000
	023	000	2	999	9 Fillmore	045 0000
	024	000	2		Freeborn	047 0000
			001	6	Albert Lea	
			999	9	Balance of county	
	025	000	2		Goodhue	049 0000
			048	6	Red Wing	
			999	9	Balance of county	
	026	000	2	999	9 Grant	051 0000
	027	191	1		Hennepin	053 5120
			007	4	Bloomington	
			009	5	Brooklyn Center	
			010	5	Brooklyn Park	
			016	5	Crystal	
			019	6	Eden Prairie	
			020	5	Edina	
			025	6	Golden Valley	
			028	6	Hopkins	
			032	6	Maple Grove	
			035	2	Minneapolis	
			036	5	Minnetonka	
			040	6	New Hope	

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
24				Minnesota	27
			046 5	Plymouth	
			049 5	Richfield	
			050 6	Robbinsdale	
			054 5	St. Louis Park	
			999 9	Balance of county	
028	000	2	999 9	Houston	055 0000
029	000	2	999 9	Hubbard	057 0000
030	191	1	999 9	Isanti	059 5120
031	000	2	999 9	Itasca	061 0000
032	000	2	999 9	Jackson	063 0000
033	000	2	999 9	Kanabec	065 0000
034	000	2		Kandiyohi	067 0000
			062 6	Willmar	
			999 9	Balance of county	
035	000	2	999 9	Kittson	069 0000
036	000	2	999 9	Koochiching	071 0000
037	000	2	999 9	Lac qui Parle	073 0000
038	000	2	999 9	Lake	075 0000
039	000	2	999 9	Lake of the Woods	077 0000
040	000	2	999 9	Le Sueur	079 0000
041	000	2	999 9	Lincoln	081 0000
042	000	2		Lyon	083 0000
			034 6	Marshall	
			999 9	Balance of county	
043	000	2	999 9	McLeod	085 0000
044	000	2	999 9	Mahnomen	087 0000
045	000	2	999 9	Marshall	089 0000
046	000	2		Martin	091 0000
			021 6	Fairmont	
			999 9	Balance of county	
047	000	2	999 9	Meeker	093 0000
048	000	2	999 9	Mille Lacs	095 0000
049	000	2	999 9	Morrison	097 0000
050	000	2		Mower	099 0000
			004 6	Austin	
			999 9	Balance of county	
051	000	2	999 9	Murray	101 0000
052	000	2		Nicollet	103 0000
			031 5	Mankato, part	
			999 9	Balance of county	
053	000	2		Nobles	105 0000
			065 6	Worthington	
			999 9	Balance of county	
054	000	2	999 9	Norman	107 0000
055	247	1		Olmsted	109 6820
			051 4	Rochester	
			999 9	Balance of county	
056	000	2		Otter Tail	111 0000
			023 6	Fergus Falls	
			999 9	Balance of county	
057	000	2	999 9	Pennington	113 0000
058	000	2	999 9	Pine	115 0000
059	000	2	999 9	Pipestone	117 0000
060	000	2	999 9	Polk	119 0000
061	000	2	999 9	Pope	121 0000
062	191	1		Ramsey	123 5120
			006 5	Blaine, part	
			033 5	Maplewood	
			038 6	Mounds View	
			039 6	New Brighton	
			043 6	North St. Paul	
			052 5	Roseville	
			055 2	St. Paul	
			056 6	Shoreview	
			061 6	White Bear Lake, part	
			999 9	Balance of county	
063	000	2	999 9	Red Lake	125 0000
064	000	2	999 9	Redwood	127 0000
065	000	2	999 9	Renville	129 0000
066	000	2		Rice	131 0000
			022 6	Faribault	
			042 6	Northfield, part	
			999 9	Balance of county	
067	000	2	999 9	Rock	133 0000

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
24				Minnesota	27	
	068	000	2 999 9	Roseau		135 0000
	069	087	1	St. Louis		137 2240
			017 4	Duluth		
			027 6	Hibbing		
			059 6	Virginia		
			999 9	Balance of county		
	070	191	1 999 9	Scott		139 5120
	071	252	1	Sherburne		141 6980
			053 5	St. Cloud, part		
			999 9	Balance of county		
	072	000	2 999 9	Sibley		143 0000
	073	252	1	Stearns		145 6980
			053 5	St. Cloud, part		
			999 9	Balance of county		
	074	000	2	Steele		147 0000
			045 6	Owatonna		
			999 9	Balance of county		
	075	000	2 999 9	Stevens		149 0000
	076	000	2 999 9	Swift		151 0000
	077	000	2 999 9	Todd		153 0000
	078	000	2 999 9	Traverse		155 0000
	079	000	2 999 9	Wabasha		157 0000
	080	000	2 999 9	Wadena		159 0000
	081	000	2 999 9	Waseca		161 0000
	082	191	1	Washington		163 5120
			015 6	Cottage Grove		
			026 6	Hastings, part		
			044 6	Oakdale		
			058 6	Stillwater		
			061 6	White Bear Lake, part		
			064 6	Woodbury		
			999 9	Balance of county		
	083	000	2 999 9	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.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
25				Mississippi	28
001	000	2		Adams	001 0000
			019 5	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	

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

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
25					Mississippi	28	
	043	000	2		Lincoln	085	0000
				002	Brookhaven		
				999	Balance of county		
	044	000	2		Lowndes	087	0000
				007	Columbus		
				999	Balance of county		
	045	136	1		Madison	089	3560
				003	Canton		
				999	Balance of county		
	046	000	2	999	Marion	091	0000
	047	000	2	999	Marshall	093	0000
	048	000	2	999	Monroe	095	0000
	049	000	2	999	Montgomery	097	0000
	050	000	2	999	Neshoba	099	0000
	051	000	2	999	Newton	101	0000
	052	000	2	999	Noxubee	103	0000
	053	000	2		Oktibbeha	105	0000
				024	Starkville		
				999	Balance of county		
	054	000	2	999	Panola	107	0000
	055	000	2		Pearl River	109	0000
				023	Picayune		
				999	Balance of county		
	056	000	2	999	Perry	111	0000
	057	000	2		Pike	113	0000
				016	McComb		
				999	Balance of county		
	058	000	2	999	Pontotoc	115	0000
	059	000	2	999	Prentiss	117	0000
	060	000	2	999	Quitman	119	0000
	061	136	1		Rankin	121	3560
				014	Jackson, part		
				022	Pearl		
				999	Balance of county		
	062	000	2	999	Scott	123	0000
	063	000	2	999	Sharkey	125	0000
	064	000	2	999	Simpson	127	0000
	065	000	2	999	Smith	129	0000
	066	000	2	999	Stone	131	0000
	067	000	2	999	Sunflower	133	0000
	068	000	2	999	Tallahatchie	135	0000
	069	000	2	999	Tate	137	0000
	070	000	2	999	Tippah	139	0000
	071	000	2	999	Tishomingo	141	0000
	072	000	2	999	Tunica	143	0000
	073	000	2	999	Union	145	0000
	074	000	2	999	Walthall	147	0000
	075	000	2		Warren	149	0000
				026	Vicksburg		
				999	Balance of county		
	076	000	2		Washington	151	0000
				009	Greenville		
				999	Balance of county		
	077	000	2	999	Wayne	153	0000
	078	000	2	999	Webster	155	0000
	079	000	2	999	Wilkinson	157	0000
	080	000	2	999	Winston	159	0000
	081	000	2	999	Yalobusha	161	0000
	082	000	2		Yazoo	163	0000
				027	Yazoo City		
				999	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	Andrew	003 0000
	003	000	2	Atchison	005 0000
	004	000	2	Audrain	007 0000
			034 6	Mexico	
			999 9	Balance of county	
	005	000	2	Barry	009 0000
	006	000	2	Barton	011 0000
	007	000	2	Bates	013 0000
	008	000	2	Benton	015 0000
	009	000	2	Bollinger	017 0000
	010	069	1	Boone	019 1740
			011 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	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	Camden	029 0000
	016	000	2	Cape Girardeau	031 0000
			008 5	Cape Girardeau	
			999 9	Balance of county	
	017	000	2	Carroll	033 0000
	018	000	2	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	Cedar	039 0000
	021	000	2	Chariton	041 0000
	022	280	1	Christian	043 7920
	023	000	2	Clark	045 0000
	024	149	1	Clay	047 3760
			014 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	Clinton	049 0000
	026	000	2	Cole	051 0000
			023 5	Jefferson City, part	
			999 9	Balance of county	
	027	000	2	Cooper	053 0000
	028	000	2	Crawford	055 0000
	029	000	2	Dade	057 0000
	030	000	2	Dallas	059 0000
	031	000	2	Daviess	061 0000
	032	000	2	De Kalb	063 0000
	033	000	2	Dent	065 0000
	034	000	2	Douglas	067 0000
	035	000	2	Dunklin	069 0000
			027 6	Kennett	
			999 9	Balance of county	
	036	254	1	Franklin	071 7040
	037	000	2	Gasconade	073 0000
	038	000	2	Gentry	075 0000
	039	280	1	Greene	077 7920
			048 3	Springfield	
			999 9	Balance of county	
	040	000	2	Grundy	079 0000
	041	000	2	Harrison	081 0000
	042	000	2	Henry	083 0000
	043	000	2	Hickory	085 0000
	044	000	2	Holt	087 0000

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
26			Missouri	29	
045	000	2 999 9	Howard	089	0000
046	000	2 999 9	Howell	091	0000
047	000	2 999 9	Iron	093	0000
048	149	1	Jackson	095	3760
		006 5	Blue Springs		
		019 6	Grandview		
		022 3	Independence, part		
		026 2	Kansas City, part		
		030 5	Lee's Summit, part		
		038 5	Raytown		
		999 9	Balance of county		
049	146	1	Jasper	097	3710
		009 6	Carthage		
		025 5	Joplin, part		
		999 9	Balance of county		
050	254	1	Jefferson	099	7040
		001 6	Arnold		
		999 9	Balance of county		
051	000	2	Johnson	101	0000
		050 6	Warrensburg		
		999 9	Balance of county		
052	000	2 999 9	Knox	103	0000
053	000	2 999 9	Laclede	105	0000
054	149	1 999 9	Lafayette	107	3760
055	000	2 999 9	Lawrence	109	0000
056	000	2 999 9	Lewis	111	0000
057	000	2 999 9	Lincoln	113	0000
058	000	2 999 9	Linn	115	0000
059	000	2 999 9	Livingston	117	0000
060	000	2 999 9	McDonald	119	0000
061	000	2 999 9	Macon	121	0000
062	000	2 999 9	Madison	123	0000
063	000	2 999 9	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

FIPS Codes

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
26					Missouri	29	
089	149	1			Ray	177	3760
			014	6	Excelsior Springs, part		
			999	9	Balance of county		
090	000	2	999	9	Reynolds	179	0000
091	000	2	999	9	Ripley	181	0000
092	254	1			St. Charles	183	7040
			042	5	St. Charles		
			045	6	St. Peters		
			999	9	Balance of county		
093	000	2	999	9	St. Clair	185	0000
094	000	2	999	9	Ste. Genevieve	186	0000
095	000	2	999	9	St. Francois	187	0000
096	254	1			St. Louis	189	7040
			002	6	Ballwin		
			003	6	Bellefontaine Neighbors		
			005	6	Berkeley		
			007	6	Bridgeton		
			010	6	Clayton		
			012	6	Crestwood		
			013	6	Creve Coeur		
			015	6	Ferguson		
			016	4	Florissant		
			021	6	Hazelwood		
			024	6	Jennings		
			029	5	Kirkwood		
			032	6	Maplewood		
			036	6	Overland		
			039	6	Richmond Heights		
			041	6	St. Ann		
			049	5	University City		
			051	6	Webster Groves		
			999	9	Balance of county		
097	254	1	044	2	St. Louis city	510	7040
098	000	2			Saline	195	0000
			033	6	Marshall		
			999	9	Balance of county		
099	000	2	999	9	Schuyler	197	0000
100	000	2	999	9	Scotland	199	0000
101	000	2			Scott	201	0000
			047	6	Sikeston, part		
			999	9	Balance of county		
102	000	2	999	9	Shannon	203	0000
103	000	2	999	9	Shelby	205	0000
104	000	2	999	9	Stoddard	207	0000
105	000	2	999	9	Stone	209	0000
106	000	2	999	9	Sullivan	211	0000
107	000	2	999	9	Taney	213	0000
108	000	2	999	9	Texas	215	0000
109	000	2	999	9	Vernon	217	0000
110	000	2	999	9	Warren	219	0000
111	000	2	999	9	Washington	221	0000
112	000	2	999	9	Wayne	223	0000
113	000	2	999	9	Webster	225	0000
114	000	2	999	9	Worth	227	0000
115	000	2	999	9	Wright	229	0000

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

Vital Statistics Codes

FIPS Codes

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

St Cnty MSA

28	MSA	M/NM	City	P/S	State, County, City, or Country Name	31	MSA
					Nebraska		
					Adams	001	0000
			006	6	Hastings		
			999	9	Balance of county		
	002	000	2	999	Antelope	003	0000
	003	000	2	999	Arthur	005	0000
	004	000	2	999	Banner	007	0000
	005	000	2	999	Blaine	009	0000
	006	000	2	999	Boone	011	0000
	007	000	2	999	Box Butte	013	0000
	008	000	2	999	Boyd	015	0000
	009	000	2	999	Brown	017	0000
	010	000	2		Buffalo	019	0000
			007	6	Kearney		
			999	9	Balance of county		
	011	000	2	999	Burt	021	0000
	012	000	2	999	Butler	023	0000
	013	000	2	999	Cass	025	0000
	014	000	2	999	Cedar	027	0000
	015	000	2	999	Chase	029	0000
	016	000	2	999	Cherry	031	0000
	017	000	2	999	Cheyenne	033	0000
	018	000	2	999	Clay	035	0000
	019	000	2	999	Colfax	037	0000
	020	000	2	999	Cuming	039	0000
	021	000	2	999	Custer	041	0000
	022	275	1	999	Dakota	043	7720
	023	000	2	999	Dawes	045	0000
	024	000	2	999	Dawson	047	0000
	025	000	2	999	Deuel	049	0000
	026	000	2	999	Dixon	051	0000
	027	000	2		Dodge	053	0000
			004	6	Fremont		
			999	9	Balance of county		
	028	215	1		Douglas	055	5920
			011	2	Omaha		
			999	9	Balance of county		
	029	000	2	999	Dundy	057	0000
	030	000	2	999	Fillmore	059	0000
	031	000	2	999	Franklin	061	0000
	032	000	2	999	Frontier	063	0000
	033	000	2	999	Furnas	065	0000
	034	000	2		Gage	067	0000
			001	6	Beatrice		
			999	9	Balance of county		
	035	000	2	999	Garden	069	0000
	036	000	2	999	Garfield	071	0000
	037	000	2	999	Gosper	073	0000
	038	000	2	999	Grant	075	0000
	039	000	2	999	Greeley	077	0000
	040	000	2		Hall	079	0000
			005	5	Grand Island		
			999	9	Balance of county		
	041	000	2	999	Hamilton	081	0000
	042	000	2	999	Harlan	083	0000
	043	000	2	999	Hayes	085	0000
	044	000	2	999	Hitchcock	087	0000
	045	000	2	999	Holt	089	0000
	046	000	2	999	Hooker	091	0000
	047	000	2	999	Howard	093	0000
	048	000	2	999	Jefferson	095	0000
	049	000	2	999	Johnson	097	0000
	050	000	2	999	Kearney	099	0000
	051	000	2	999	Keith	101	0000
	052	000	2	999	Keya Paha	103	0000
	053	000	2	999	Kimball	105	0000
	054	000	2	999	Knox	107	0000
	055	170	1		Lancaster	109	4360
			008	3	Lincoln		
			999	9	Balance of county		
	056	000	2		Lincoln	111	0000
			010	6	North Platte		
			999	9	Balance of county		
	057	000	2	999	Logan	113	0000
	058	000	2	999	Loup	115	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
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.

Vital Statistics Codes					FIPS Codes		
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
30					New Hampshire	33	
	001	000	2		Belknap	001	0000
				006	Laconia		
				999	Balance of county		
	002	000	2	999	Carroll	003	0000
	003	000	2		Cheshire	005	0000
				005	Keene		
				999	Balance of county		
	004	000	2		Coos	007	0000
				001	Berlin		
				999	Balance of county		
	005	000	2		Grafton	009	0000
				007	Lebanon		
				999	Balance of county		
	006	180	1		Hillsborough	011	4763
				008	Manchester		
				009	Nashua		
				999	Balance of county		
	007	000	2		Merrimack	013	0000
				003	Concord		
				999	Balance of county		
	008	232	1		Rockingham	015	6453
				010	Portsmouth		
				999	Balance of county		
	009	232	1		Strafford	017	6453
				004	Dover		
				011	Rochester		
				012	Somersworth		
				999	Balance of county		
	010	000	2		Sullivan	019	0000
				002	Claremont		
				999	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		
		003	5	Atlantic	001
		053	6	Atlantic City	0560
		120	6	Hammonton	
		139	6	Pleasantville	
		152	6	Somers Point	
		999	9	Ventnor City	
				Balance of county	
	002	033	1	Bergen	003
		007	5	Bergenfield	0875
		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
		013	6	Burlington	6160
		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
		006	6	Bellmawr	6160
		014	4	Camden	
		017	4	Cherry Hill township	
		022	6	Collingswood	
		047	5	Gloucester township	
		048	6	Gloucester City	
		050	6	Haddon township	
		051	6	Haddonfield	
		072	6	Lindenwold	
		114	5	Pennsauken township	
		155	6	Voorhees township	
		999	9	Balance of county	
	005	020	1	Cape May	009
		105	6	Ocean City	0560
		999	9	Balance of county	
	006	302	1	Cumberland	011
		011	6	Bridgeton	8760
		087	6	Millville	
		154	4	Vineland	
		999	9	Balance of county	
	007	207	1	Essex	013
		005	5	Belleville	5640

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
31				New Jersey	34
			009 5	Bloomfield	
			016 6	Cedar Grove township	
			031 4	East Orange	
			065 4	Irvington	
			074 5	Livingston township	
			082 6	Maplewood township	
			086 6	Millburn township	
			088 5	Montclair	
			094 2	Newark	
			102 5	Nutley	
			107 5	Orange	
			141 6	South Orange Village township	
			153 6	Verona	
			162 6	West Caldwell	
			166 5	West Orange	
			999 9	Balance of county	
008	225	1		Gloucester	015 6160
			026 6	Deptford township	
			045 6	Glassboro	
			159 5	Washington township	
			163 6	West Deptford township	
			171 6	Woodbury	
			999 9	Balance of county	
009	142	1		Hudson	017 3640
			004 4	Bayonne	
			055 6	Harrison	
			062 5	Hoboken	
			067 3	Jersey City	
			069 5	Kearny	
			099 5	North Bergen township	
			138 6	Secaucus	
			150 4	Union City	
			161 6	Weehawken township	
			165 5	West New York	
			999 9	Balance of county	
010	188	1	999 9	Hunterdon	019 5015
011	293	1		Mercer	021 8480
			032 6	East Windsor township	
			038 5	Ewing township	
			052 4	Hamilton township	
			123 6	Princeton	
			149 4	Trenton	
			999 9	Balance of county	
012	188	1		Middlesex	023 5015
			015 6	Carteret	
			030 5	East Brunswick township	
			034 4	Edison township	
			059 6	Highland Park	
			083 6	Metuchen	
			084 6	Middlesex	
			095 5	New Brunswick	
			100 6	North Brunswick township	
			106 4	Old Bridge township	
			116 5	Perth Amboy	
			118 5	Piscataway township	
			136 5	Sayreville	
			142 6	South Plainfield	
			143 6	South River	
			170 4	Woodbridge township	
			999 9	Balance of county	
013	194	1		Monmouth	025 5190
			001 6	Aberdeen township	
			002 6	Asbury Park	
			033 6	Eatontown	
			043 6	Freehold	
			058 6	Hazlet township	
			064 5	Howell township	
			068 6	Keansburg	
			076 5	Long Branch	
			085 4	Middletown township	
			093 5	Neptune township	
			104 6	Ocean township	
			126 6	Red Bank	
			999 9	Balance of county	

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

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	
014	207	1	Morris	027	5640
		025	6 Denville township		
		027	6 Dover		
		054	6 Hanover township		
		078	6 Madison		
		090	6 Morris township		
		091	6 Morristown		
		110	5 Parsippany-Troy Hills township		
		115	6 Pequannock township		
		999	9 Balance of county		
015	194	1	Ocean	029	5190
		010	4 Brick township		
		028	4 Dover township		
		066	5 Jackson township		
		070	5 Lakewood township		
		079	5 Manchester township		
		121	6 Point Pleasant		
		999	9 Balance of county		
016	033	1	Passaic	031	0875
		021	4 Clifton		
		057	6 Hawthorne		
		073	6 Little Falls township		
		111	4 Passaic		
		112	3 Paterson		
		122	6 Pompton Lakes		
		130	6 Ringwood		
		148	6 Totowa		
		158	6 Wanaque		
		160	5 Wayne township		
		167	6 West Paterson		
		999	9 Balance of county		
017	313	1	Salem	033	9160
018	188	1	Somerset	035	5015
		012	5 Bridgewater township		
		042	5 Franklin township		
		080	6 Manville		
		101	6 North Plainfield		
		140	6 Somerville		
		999	9 Balance of county		
019	207	1	Sussex	037	5640
		063	6 Hopatcong		
		999	9 Balance of county		
020	207	1	Union	039	5640
		008	6 Berkeley Heights township		
		019	6 Clark township		
		023	6 Cranford township		
		035	3 Elizabeth		
		061	6 Hillside township		
		071	5 Linden		
		097	6 New Providence		
		119	5 Plainfield		
		124	5 Rahway		
		132	6 Roselle		
		133	6 Roselle Park		
		137	6 Scotch Plains township		
		144	6 Springfield township		
		145	6 Summit		
		151	4 Union township		
		164	5 Westfield		
		999	9 Balance of county		
021	007	1	Warren	041	0240
		117	6 Phillipsburg		
		999	9 Balance of county		

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

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
32					New Mexico	35	
	001	005	1		Bernalillo	001	0200
				002	2	Albuquerque	
				999	9	Balance of county	
	002	000	2	999	9	Catron	003 0000
	003	000	2			Chaves	005 0000
				011	5	Roswell	
				999	9	Balance of county	
	004	000	2	999	9	Cibola	006 0000
	005	000	2	999	9	Colfax	007 0000
	006	000	2			Curry	009 0000
				005	5	Clovis	
				999	9	Balance of county	
	007	000	2	999	9	De Baca	011 0000
	008	163	1			Dona Ana	013 4100
				009	5	Las Cruces	
				999	9	Balance of county	
	009	000	2			Eddy	015 0000
				003	6	Artesia	
				004	5	Carlsbad	
				999	9	Balance of county	
	010	000	2	999	9	Grant	017 0000
	011	000	2	999	9	Guadalupe	019 0000
	012	000	2	999	9	Harding	021 0000
	013	000	2	999	9	Hidalgo	023 0000
	014	000	2			Lea	025 0000
				008	5	Hobbs	
				999	9	Balance of county	
	015	000	2	999	9	Lincoln	027 0000
	016	265	1	999	9	Los Alamos	028 7490
	017	000	2	999	9	Luna	029 0000
	018	000	2			McKinley	031 0000
				007	6	Gallup	
				999	9	Balance of county	
	019	000	2	999	9	Mora	033 0000
	020	000	2			Otero	035 0000
				001	6	Alamogordo	
				999	9	Balance of county	
	021	000	2	999	9	Quay	037 0000
	022	000	2	999	9	Rio Arriba	039 0000
	023	000	2	999	9	Roosevelt	041 0000
	024	000	2	999	9	Sandoval	043 0000
	025	000	2			San Juan	045 0000
				006	5	Farmington	
				999	9	Balance of county	
	026	000	2			San Miguel	047 0000
				010	6	Las Vegas	
				999	9	Balance of county	
	027	265	1			Santa Fe	049 7490
				012	5	Santa Fe	
				999	9	Balance of county	
	028	000	2	999	9	Sierra	051 0000
	029	000	2	999	9	Socorro	053 0000
	030	000	2	999	9	Taos	055 0000
	031	000	2	999	9	Torrance	057 0000
	032	000	2	999	9	Union	059 0000
	033	000	2	999	9	Valencia	061 0000

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Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
33				New York	36
001	004	1		Albany	001 0160
			001 3	Albany	
			013 6	Cohoes	
			097 6	Watervliet	
			999 9	Balance of county	
002	000	2	999 9	Allegany	003 0000
003	036	1		Broome	007 0960
			007 4	Binghamton	
			021 6	Endicott	
			041 6	Johnson City	
			095 5	Vestal town	
			999 9	Balance of county	
004	000	2		Cattaraugus	009 0000
			065 6	Olean	
			999 9	Balance of county	
005	000	2		Cayuga	011 0000
			003 5	Auburn	
			999 9	Balance of county	
006	140	1		Chautauqua	013 3610
			018 6	Dunkirk	
			023 6	Fredonia	
			040 5	Jamestown	
			999 9	Balance of county	
007	091	1		Chemung	015 2335
			020 5	Elmira	
			999 9	Balance of county	
008	000	2	999 9	Chenango	017 0000
009	000	2		Clinton	019 0000
			073 6	Plattsburgh	
			999 9	Balance of county	
010	000	2	999 9	Columbia	021 0000
011	000	2		Cortland	023 0000
			015 6	Cortland	
			999 9	Balance of county	
012	000	2	999 9	Delaware	025 0000
013	233	1		Dutchess	027 6460
			006 6	Beacon	
			076 5	Poughkeepsie	
			999 9	Balance of county	
014	050	1		Erie	029 1280
			010 2	Buffalo	
			016 6	Depew	
			033 6	Hamburg	
			042 6	Kenmore	
			045 6	Lackawanna	
			046 6	Lancaster	
			091 6	Tonawanda	
			099 4	West Seneca town	
			999 9	Balance of county	
015	000	2	999 9	Essex	031 0000
016	000	2	999 9	Franklin	033 0000
017	000	2		Fulton	035 0000
			031 6	Gloversville	
			999 9	Balance of county	
018	000	2		Genesee	037 0000
			005 6	Batavia	
			999 9	Balance of county	
019	004	1	999 9	Greene	039 0160
020	000	2	999 9	Hamilton	041 0000
021	298	1	999 9	Herkimer	043 8680
022	000	2		Jefferson	045 0000
			096 5	Watertown	
			999 9	Balance of county	
023	000	2	999 9	Lewis	049 0000
024	248	1	999 9	Livingston	051 6840
025	285	1		Madison	053 8160
			066 6	Oneida	
			999 9	Balance of county	
026	248	1		Monroe	055 6840
			008 5	Brighton town	
			027 5	Gates town	
			032 4	Greece town	
			036 5	Henrietta town	
			038 4	Irondequoit town	

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
33				New York	36
			072 5	Penfield town	
			079 3	Rochester	
			999 9	Balance of county	
027	004	1		Montgomery	057 0160
			002 6	Amsterdam	
			999 9	Balance of county	
028	201	1		Nassau	059 5380
			019 6	East Rockaway	
			022 6	Floral Park	
			024 5	Freeport	
			026 6	Garden City	
			029 6	Glen Cove	
			035 5	Hempstead	
			049 5	Long Beach	
			050 6	Lynbrook	
			052 6	Massapequa Park	
			055 6	Mineola	
			080 5	Rockville Centre	
			094 5	Valley Stream	
			098 6	Westbury	
			999 9	Balance of county	
029	206	1		New York city	5600
			009 0	Bronx borough, Bronx county	005
			043 0	Brooklyn borough, Kings county	047
			060 0	Manhattan borough, New York county	061
			077 0	Queens borough, Queens county	081
			078 0	Staten Island borough, Richmond county	085
030	208	1		Niagara	063 5700
			048 6	Lockport	
			061 4	Niagara Falls	
			063 5	North Tonawanda	
			999 9	Balance of county	
031	298	1		Oneida	065 8680
			081 5	Rome	
			093 4	Utica	
			999 9	Balance of county	
032	285	1		Onondaga	067 8160
			089 3	Syracuse	
			999 9	Balance of county	
033	248	1		Ontario	069 6840
			011 6	Canandaigua	
			028 6	Geneva, part	
			999 9	Balance of county	
034	216	1		Orange	071 5950
			054 6	Middletown	
			058 6	Newburgh	
			999 9	Balance of county	
035	248	1	999 9	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	

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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

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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	Alexander	003	3290
003	000	2	Alleghany	005	0000
004	000	2	Anson	007	0000
005	000	2	Ashe	009	0000
006	000	2	Avery	011	0000
007	000	2	Beaufort	013	0000
008	000	2	Bertie	015	0000
009	000	2	Bladen	017	0000
010	000	2	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	Carteret	031	0000
017	000	2	Caswell	033	0000
018	127	1	Catawba	035	3290
		021 6	Hickory, part		
		999 9	Balance of county		
019	000	2	Chatham	037	0000
020	000	2	Cherokee	039	0000
021	000	2	Chowan	041	0000
022	000	2	Clay	043	0000
023	000	2	Cleveland	045	0000
		038 6	Shelby		
		999 9	Balance of county		
024	000	2	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	Currituck	053	0000
028	000	2	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	Davie	059	3120
031	000	2	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	Franklin	069	6640
036	059	1	Gaston	071	1520
		015 5	Gastonia		
		999 9	Balance of county		
037	000	2	Gates	073	0000
038	000	2	Graham	075	0000
039	000	2	Granville	077	0000

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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		

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
34					North Carolina	37
			999	9	Balance of county	
081	000	2	999	9	Rutherford	161 0000
082	000	2	999	9	Sampson	163 0000
083	000	2			Scotland	165 0000
			025	6	Laurinburg	
			999	9	Balance of county	
084	000	2			Stanly	167 0000
			001	6	Albemarle	
			999	9	Balance of county	
085	121	1	999	9	Stokes	169 3120
086	000	2	999	9	Surry	171 0000
087	000	2	999	9	Swain	173 0000
088	000	2	999	9	Transylvania	175 0000
089	000	2	999	9	Tyrrell	177 0000
090	059	1			Union	179 1520
			029	6	Monroe	
			999	9	Balance of county	
091	000	2			Vance	181 0000
			020	6	Henderson	
			999	9	Balance of county	
092	238	1			Wake	183 6640
			006	6	Cary	
			014	6	Garner	
			032	3	Raleigh	
			999	9	Balance of county	
093	000	2	999	9	Warren	185 0000
094	000	2	999	9	Washington	187 0000
095	000	2			Watauga	189 0000
			004	6	Boone	
			999	9	Balance of county	
096	000	2			Wayne	191 0000
			016	5	Goldsboro	
			999	9	Balance of county	
097	000	2	999	9	Wilkes	193 0000
098	000	2			Wilson	195 0000
			042	5	Wilson	
			999	9	Balance of county	
099	121	1	999	9	Yadkin	197 3120
100	000	2	999	9	Yancey	199 0000

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

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
35				North Dakota	38	
	001	000	2 999 9	Adams		001 0000
	002	000	2 999 9	Barnes		003 0000
	003	000	2 999 9	Benson		005 0000
	004	000	2 999 9	Billings		007 0000
	005	000	2 999 9	Bottineau		009 0000
	006	000	2 999 9	Bowman		011 0000
	007	000	2 999 9	Burke		013 0000
	008	038	1	Burleigh		015 1010
			001 5	Bismarck		
			999 9	Balance of county		
	009	096	1	Cass		017 2520
			003 4	Fargo		
			008 6	West Fargo		
			999 9	Balance of county		
	010	000	2 999 9	Cavalier		019 0000
	011	000	2 999 9	Dickey		021 0000
	012	000	2 999 9	Divide		023 0000
	013	000	2 999 9	Dunn		025 0000
	014	000	2 999 9	Eddy		027 0000
	015	000	2 999 9	Emmons		029 0000
	016	000	2 999 9	Foster		031 0000
	017	000	2 999 9	Golden Valley		033 0000
	018	116	1	Grand Forks		035 2985
			004 5	Grand Forks		
			999 9	Balance of county		
	019	000	2 999 9	Grant		037 0000
	020	000	2 999 9	Griggs		039 0000
	021	000	2 999 9	Hettinger		041 0000
	022	000	2 999 9	Kidder		043 0000
	023	000	2 999 9	La Moure		045 0000
	024	000	2 999 9	Logan		047 0000
	025	000	2 999 9	McHenry		049 0000
	026	000	2 999 9	McIntosh		051 0000
	027	000	2 999 9	McKenzie		053 0000
	028	000	2 999 9	McLean		055 0000
	029	000	2 999 9	Mercer		057 0000
	030	038	1	Morton		059 1010
			006 6	Mandan		
			999 9	Balance of county		
	031	000	2 999 9	Mountrail		061 0000
	032	000	2 999 9	Nelson		063 0000
	033	000	2 999 9	Oliver		065 0000
	034	000	2 999 9	Pembina		067 0000
	035	000	2 999 9	Pierce		069 0000
	036	000	2 999 9	Ramsey		071 0000
	037	000	2 999 9	Ransom		073 0000
	038	000	2 999 9	Renville		075 0000
	039	000	2 999 9	Richland		077 0000
	040	000	2 999 9	Rolette		079 0000
	041	000	2 999 9	Sargent		081 0000
	042	000	2 999 9	Sheridan		083 0000
	043	000	2 999 9	Sioux		085 0000
	044	000	2 999 9	Slope		087 0000
	045	000	2	Stark		089 0000
			002 6	Dickinson		
			999 9	Balance of county		
	046	000	2 999 9	Steele		091 0000
	047	000	2	Stutsman		093 0000
			005 6	Jamestown		
			999 9	Balance of county		
	048	000	2 999 9	Towner		095 0000
	049	000	2 999 9	Traill		097 0000
	050	000	2 999 9	Walsh		099 0000
	051	000	2	Ward		101 0000
			007 5	Minot		
			999 9	Balance of county		
	052	000	2 999 9	Wells		103 0000
	053	000	2	Williams		105 0000
			009 6	Williston		
			999 9	Balance of county		

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

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
36					Ohio	39	
	001	000	2	999	9 Adams		001 0000
	002	169	1		Allen		003 4320
				067	5 Lima		
				999	9 Balance of county		
	003	000	2		Ashland		005 0000
				004	6 Ashland		
				999	9 Balance of county		
	004	000	2		Ashtabula		007 0000
				005	6 Ashtabula		
				033	6 Conneaut		
				999	9 Balance of county		
	005	000	2		Athens		009 0000
				006	6 Athens		
				999	9 Balance of county		
	006	169	1	999	9 Auglaize		011 4320
	007	309	1	999	9 Belmont		013 9000
	008	000	2	999	9 Brown		015 0000
	009	124	1		Butler		017 3200
				047	5 Fairfield		
				060	4 Hamilton		
				081	5 Middletown		
				096	6 Oxford		
				999	9 Balance of county		
	010	053	1	999	9 Carroll		019 1320
	011	000	2		Champaign		021 0000
				130	6 Urbana		
				999	9 Balance of county		
	012	078	1		Clark		023 2000
				118	4 Springfield		
				999	9 Balance of county		
	013	065	1	999	9 Clermont		025 1640
	014	000	2		Clinton		027 0000
				145	6 Wilmington		
				999	9 Balance of county		
	015	000	2		Columbiana		029 0000
				042	6 East Liverpool		
				108	6 Salem		
				999	9 Balance of county		
	016	000	2		Coshocton		031 0000
				034	6 Coshocton		
				999	9 Balance of county		
	017	000	2		Crawford		033 0000
				022	6 Bucyrus		
				055	6 Galion		
				999	9 Balance of county		
	018	067	1		Cuyahoga		035 1680
				009	6 Bay Village		
				011	6 Bedford		
				012	6 Bedford Heights		
				014	6 Berea		
				017	6 Brecksville		
				018	6 Broadview Heights		
				019	6 Brooklyn		
				020	5 Brook Park		
				030	1 Cleveland		
				031	4 Cleveland Heights		
				040	5 East Cleveland		
				045	4 Euclid		
				048	6 Fairview Park		
				056	5 Garfield Heights		
				065	4 Lakewood		
				069	6 Lyndhurst		
				071	5 Maple Heights		
				076	6 Mayfield Heights		
				080	6 Middleburg Heights		
				089	5 North Olmsted		
				091	6 North Royalton		
				098	4 Parma		
				099	6 Parma Heights		
				106	6 Richmond Heights		
				107	6 Rocky River		
				110	6 Seven Hills		
				111	5 Shaker Heights		
				115	6 Solon		

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

Vital Statistics Codes			FIPS Codes			
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
36				Ohio	39	
			116 5	South Euclid		
			121 5	Strongsville		
			128 6	University Heights		
			136 6	Warrensville Heights		
			140 6	Westlake		
			999 9	Balance of county		
019	000	2		Darke	037	0000
			058 6	Greenville		
			999 9	Balance of county		
020	000	2		Defiance	039	0000
			037 6	Defiance		
			999 9	Balance of county		
021	072	1		Delaware	041	1840
			038 6	Delaware		
			139 6	Westerville, part		
			999 9	Balance of county		
022	000	2		Erie	043	0000
			109 5	Sandusky		
			133 6	Vermilion, part		
			999 9	Balance of county		
023	072	1		Fairfield	045	1840
			032 1	Columbus, part		
			066 5	Lancaster		
			105 6	Reynoldsburg, part		
			999 9	Balance of county,		
024	000	2		Fayette	047	0000
			137 6	Washington		
			999 9	Balance of county		
025	072	1		Franklin	049	1840
			015 6	Bexley		
			032 1	Columbus, part		
			054 6	Gahanna		
			059 6	Grove City		
			105 6	Reynoldsburg, part		
			129 5	Upper Arlington		
			139 6	Westerville, part		
			141 6	Whitehall		
			147 6	Worthington		
			999 9	Balance of county		
026	291	1	999 9	Fulton	051	8400
027	000	2	999 9	Gallia	053	0000
028	067	1	999 9	Geauga	055	1680
029	078	1		Greene	057	2000
			010 5	Beavercreek		
			036 3	Dayton, part		
			046 5	Fairborn		
			148 6	Xenia		
			999 9	Balance of county		
030	000	2		Guernsey	059	0000
			023 6	Cambridge		
			999 9	Balance of county		
031	065	1		Hamilton	061	1640
			028 2	Cincinnati		
			050 6	Forest Park		
			082 6	Montgomery		
			088 6	North College Hill		
			094 5	Norwood		
			104 6	Reading		
			112 6	Sharonville		
			117 6	Springdale		
			999 9	Balance of county		
032	000	2		Hancock	063	0000
			049 5	Findlay		
			051 6	Fostoria, part		
			999 9	Balance of county		
033	000	2	999 9	Hardin	065	0000
034	000	2	999 9	Harrison	067	0000
035	000	2	999 9	Henry	069	0000
036	000	2	999 9	Highland	071	0000
037	000	2	999 9	Hocking	073	0000
038	000	2	999 9	Holmes	075	0000
039	000	2		Huron	077	0000
			093 6	Norwalk		
			999 9	Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.					FIPS Codes	
Vital Statistics Codes					St Cnty	MSA
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	
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			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			Meigs	105 0000
054	000	2			Mercer	107 0000
055	078	1			Miami	109 2000
			101	6	Piqua	
			127	6	Troy	
			999	9	Balance of county	
056	000	2			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			Morgan	115 0000
059	000	2			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			

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
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.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
37					Oklahoma	40	
	047	000	2	999 9	Major	093	0000
	048	000	2	999 9	Marshall	095	0000
	049	000	2	999 9	Mayes	097	0000
	050	000	2	999 9	Murray	099	0000
	051	000	2		Muskogee	101	0000
				021 5	Muskogee		
				999 9	Balance of county		
	052	000	2	999 9	Noble	103	0000
	053	000	2	999 9	Nowata	105	0000
	054	000	2	999 9	Okfuskee	107	0000
	055	213	1		Oklahoma	109	5880
				005 6	Bethany		
				009 5	Del City		
				012 5	Edmond		
				019 5	Midwest City		
				023 2	Oklahoma City, part		
				030 6	The Village		
				999 9	Balance of county		
	056	000	2		Okmulgee	111	0000
				024 6	Okmulgee		
				999 9	Balance of county		
	057	295	1		Osage	113	8560
				004 5	Bartlesville, part		
				026 6	Sand Springs, part		
				031 2	Tulsa, part		
				999 9	Balance of county		
	058	000	2		Ottawa	115	0000
				018 6	Miami		
				999 9	Balance of county		
	059	000	2	999 9	Pawnee	117	0000
	060	000	2		Payne	119	0000
				029 5	Stillwater		
				999 9	Balance of county		
	061	000	2		Pittsburg	121	0000
				017 6	McAlester		
				999 9	Balance of county		
	062	000	2		Pontotoc	123	0000
				001 6	Ada		
				999 9	Balance of county		
	063	213	1		Pottawatomie	125	5880
				023 2	Oklahoma City, part		
				028 5	Shawnee		
				999 9	Balance of county		
	064	000	2	999 9	Pushmataha	127	0000
	065	000	2	999 9	Roger Mills	129	0000
	066	295	1		Rogers	131	8560
				008 6	Claremore		
				999 9	Balance of county		
	067	000	2	999 9	Seminole	133	0000
	068	106	1	999 9	Sequoyah	135	2720
	069	000	2		Stephens	137	0000
				010 6	Duncan		
				999 9	Balance of county		
	070	000	2	999 9	Texas	139	0000
	071	000	2	999 9	Tillman	141	0000
	072	295	1		Tulsa	143	8560
				006 5	Broken Arrow, part		
				026 6	Sand Springs, part		
				031 2	Tulsa, part		
				999 9	Balance of county		
	073	295	1		Wagoner	145	8560
				006 5	Broken Arrow, part		
				999 9	Balance of county		
	074	000	2		Washington	147	0000
				004 5	Bartlesville, part		
				999 9	Balance of county		
	075	000	2	999 9	Washita	149	0000
	076	000	2	999 9	Woods	151	0000
	077	000	2		Woodward	153	0000
				032 6	Woodward		
				999 9	Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.					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
	001	000	2	999	9 Baker	001 0000
	002	000	2		Benton	003 0000
			001	5	Albany, part	
			007	5	Corvallis	
			999	9	Balance of county	
	003	231	1		Clackamas	005 6440
			015	6	Lake Oswego, part	
			019	6	Milwaukie, part	
			021	6	Oregon City	
			023	2	Portland, part	
			028	6	West Linn	
			999	9	Balance of county	
	004	000	2	999	9 Clatsop	007 0000
	005	000	2	999	9 Columbia	009 0000
	006	000	2		Coos	011 0000
			006	6	Coos Bay	
			999	9	Balance of county	
	007	000	2	999	9 Crook	013 0000
	008	000	2	999	9 Curry	015 0000
	009	000	2		Deschutes	017 0000
			004	6	Bend	
			999	9	Balance of county	
	010	000	2		Douglas	019 0000
			024	6	Roseburg	
			999	9	Balance of county	
	011	000	2	999	9 Gilliam	021 0000
	012	000	2	999	9 Grant	023 0000
	013	000	2	999	9 Harney	025 0000
	014	000	2	999	9 Hood River	027 0000
	015	183	1		Jackson	029 4890
			002	6	Ashland	
			018	5	Medford	
			999	9	Balance of county	
	016	000	2	999	9 Jefferson	031 0000
	017	000	2		Josephine	033 0000
			010	6	Grants Pass	
			999	9	Balance of county	
	018	000	2		Klamath	035 0000
			013	6	Klamath Falls	
			999	9	Balance of county	
	019	000	2	999	9 Lake	037 0000
	020	094	1		Lane	039 2400
			008	3	Eugene	
			026	5	Springfield	
			999	9	Balance of county	
	021	000	2	999	9 Lincoln	041 0000
	022	000	2		Linn	043 0000
			001	5	Albany, part	
			016	6	Lebanon	
			999	9	Balance of county	
	023	000	2	999	9 Malheur	045 0000
	024	255	1		Marion	047 7080
			025	4	Salem, part	
			029	6	Woodburn	
			999	9	Balance of county	
	025	000	2	999	9 Morrow	049 0000
	026	231	1		Multnomah	051 6440
			011	5	Gresham	
			015	6	Lake Oswego, part	
			019	6	Milwaukie, part	
			023	2	Portland, part	
			999	9	Balance of county	
	027	255	1		Polk	053 7080
			025	4	Salem, part	
			999	9	Balance of county	
	028	000	2	999	9 Sherman	055 0000
	029	000	2	999	9 Tillamook	057 0000
	030	000	2		Umatilla	059 0000
			022	6	Pendleton	
			999	9	Balance of county	
	031	000	2		Union	061 0000
			014	6	La Grande	
			999	9	Balance of county	
	032	000	2	999	9 Wallowa	063 0000

Vital Statistics Geographic Code Outline

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

Vital Statistics Codes

FIPS Codes
St Cnty MSA

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

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
39				Pennsylvania	42
	001	317	1	999 9 Adams	001 9280
	002	228	1	Allegheny	003 6280
			006 6	Baldwin	
			008 6	Bellevue	
			011 5	Bethel Park	
			015 6	Brentwood	
			022 6	Carnegie	
			023 6	Castle Shannon	
			027 6	Clairton	
			033 6	Dormont	
			035 6	Duquesne	
			039 6	Elizabeth township	
			047 6	Harrison township	
			069 5	McCandless township	
			070 5	McKeesport	
			079 5	Monroeville	
			080 5	Mount Lebanon township	
			082 6	Munhall	
			092 6	North Versailles township	
			095 4	Penn Hills township	
			098 2	Pittsburgh	
			099 5	Plum	
			106 5	Ross township	
			108 6	Scott township	
			110 5	Shaler township	
			113 6	South Park township	
			122 6	Swissvale	
			131 6	Upper St. Clair township	
			138 5	West Mifflin	
			140 6	Whitehall	
			144 6	Wilkinsburg	
			999 9	Balance of county	
	003	000	2	999 9 Armstrong	005 0000
	004	030	1	Beaver	007 0845
			002 6	Aliquippa	
			007 6	Beaver Falls	
			999 9	Balance of county	
	005	000	2	999 9 Bedford	009 0000
	006	240	1	Berks	011 6680
			081 6	Muhlenberg township	
			104 4	Reading	
			999 9	Balance of county	
	007	008	1	Blair	013 0280
			004 4	Altoona	
			999 9	Balance of county	
	008	000	2	999 9 Bradford	015 0000
	009	225	1	Bucks	017 6160
			009 4	Bensalem township	
			016 6	Bristol	
			017 4	Bristol township	
			043 5	Falls township	
			068 6	Lower Southampton township	
			075 5	Middletown township	
			090 5	Northampton township	
			132 6	Upper Southampton township	
			133 5	Warminster township	
			999 9	Balance of county	
	010	000	2	Butler	019 0000
			018 6	Butler	
			999 9	Balance of county	
	011	144	1	Cambria	021 3680
			054 5	Johnstown	
			999 9	Balance of county	
	012	000	2	999 9 Cameron	023 0000
	013	007	1	999 9 Carbon	025 0240
	014	282	1	Centre	027 8050
			118 5	State College	
			999 9	Balance of county	
	015	225	1	Chester	029 6160
			028 6	Coatesville	
			097 6	Phoenixville	
			124 6	Tredyffrin township	
			136 6	West Chester	
			137 6	West Goshen township	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				FIPS Codes	
Vital Statistics Codes				St Cnty MSA	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	
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		
			086 5	New Castle		
			999 9	Balance of county	073	0000
	038	125	1	Lebanon		
			061 5	Lebanon		
			999 9	Balance of county	075	3240
	039	007	1	Lehigh		
			003 3	Allentown		
			012 4	Bethlehem, part		
			040 6	Emmaus		
			107 6	Salisbury township		
			141 6	Whitehall township		
			999 9	Balance of county	077	0240
	040	269	1	Luzerne		
			050 5	Hazleton		
			055 6	Kingston		
			084 6	Nanticoke		
			143 4	Wilkes-Barre		
			999 9	Balance of county	079	7560
	041	312	1	Lycoming		
			145 5	Williamsport		
			999 9	Balance of county	081	9140
	042	000	2	McKean		
			014 6	Bradford		
			999 9	Balance of county	083	0000
	043	271	1	Mercer		
			112 6	Sharon		
			999 9	Balance of county	085	7610
	044	000	2	Mifflin		
	045	269	1	Monroe		
	046	225	1	Montgomery		
			001 4	Abington township		
			025 5	Cheltenham township		
			036 6	East Norriton township		
			048 6	Hatfield township		
			058 6	Lansdale		
			064 4	Lower Merion township		
			065 6	Lower Moreland township		
			067 6	Lower Providence township		
			089 5	Norristown		
			100 6	Plymouth township		
			101 6	Pottstown		
			116 5	Springfield township		
			123 6	Towamencin township		
			128 6	Upper Dublin township		
			129 5	Upper Merion township		
			130 5	Upper Moreland township		
			139 6	West Norriton township		
			142 6	Whitemarsh township		
			999 9	Balance of county		
	047	000	2	Montour		
	048	007	1	Northampton		
			012 4	Bethlehem, part		
			037 5	Easton		
			094 6	Palmer township		
			999 9	Balance of county	093	0000
	049	000	2	Northumberland		
			111 6	Shamokin		
			119 6	Sunbury		
			999 9	Balance of county	097	0000
	050	125	1	Perry		
	051	225	1	Philadelphia, coext. with Philadelphia city		
	052	000	2	Pike		
	053	000	2	Potter		
	054	000	2	Schuylkill		
			102 6	Pottsville		
			999 9	Balance of county	099	3240
	055	000	2	Snyder		
	056	144	1	Somerset		
	057	000	2	Sullivan		
	058	000	2	Susquehanna		
	059	000	2	Tioga		
	060	000	2	Union		
	061	000	2	Venango		
			093 6	Oil City	101	6160
					103	0000
					105	0000
					107	0000
					109	0000
					111	3680
					113	0000
					115	0000
					117	0000
					119	0000
					121	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
39				Pennsylvania	42	
			999 9	Balance of county		
062	000	2		Warren	123	0000
			134 6	Warren		
			999 9	Balance of county		
063	228	1		Washington	125	6280
			019 6	Canonsburg		
			135 6	Washington		
			999 9	Balance of county		
064	000	2	999 9	Wayne	127	0000
065	228	1		Westmoreland	129	6280
			044 6	Greensburg		
			051 5	Hempfield township		
			053 6	Jeannette		
			060 6	Latrobe		
			063 6	Lower Burrell		
			078 6	Monessen		
			083 6	Municipality of Murrysville		
			087 6	New Kensington		
			091 5	North Huntingdon township		
			999 9	Balance of county		
066	269	1	999 9	Wyoming	131	7560
067	317	1		York	133	9280
			045 6	Hanover		
			114 6	Springettsbury township		
			117 6	Spring Garden township		
			147 5	York		
			999 9	Balance of county		

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
40				Rhode Island	44
	001	234	1	Bristol	001 6483
			001 6	Barrington town	
			002 6	Bristol town	
			014 6	Warren town	
			999 9	Balance of county	
	002	234	1	Kent	003 6483
			004 5	Coventry town	
			015 4	Warwick	
			016 5	West Warwick town	
			999 9	Balance of county	
	003	000	2	Newport	005 0000
			009 6	Middletown town	
			010 5	Newport	
			999 9	Balance of county	
	004	234	1	Providence	007 6483
			003 6	Central Falls	
			005 4	Cranston	
			006 5	Cumberland town	
			007 4	East Providence	
			008 6	Johnston town	
			011 5	North Providence town	
			012 4	Pawtucket	
			013 3	Providence	
			017 5	Woonsocket	
			999 9	Balance of county	
	005	234	1	Washington	009 6483

Vital Statistics Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.					Page 91		
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	
	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	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	Williamsburg		089 0000
	046	059	1	York		091 1520
			022 5	Rock Hill		
			999 9	Balance of county		

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

Vital Statistics Codes					FIPS Codes				
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
42						South Dakota	46		
	001	000	2	999	9	Aurora		003	0000
	002	000	2			Beadle		005	0000
				003	6	Huron			
				999	9	Balance of county			
	003	000	2	999	9	Bennett		007	0000
	004	000	2	999	9	Bon Homme		009	0000
	005	000	2			Brookings		011	0000
				002	6	Brookings			
				999	9	Balance of county			
	006	000	2			Brown		013	0000
				001	5	Aberdeen			
				999	9	Balance of county			
	007	000	2	999	9	Brule		015	0000
	008	000	2	999	9	Buffalo		017	0000
	009	000	2	999	9	Butte		019	0000
	010	000	2	999	9	Campbell		021	0000
	011	000	2	999	9	Charles Mix		023	0000
	012	000	2	999	9	Clark		025	0000
	013	000	2			Clay		027	0000
				008	6	Vermillion			
				999	9	Balance of county			
	014	000	2			Codington		029	0000
				009	6	Watertown			
				999	9	Balance of county			
	015	000	2	999	9	Corson		031	0000
	016	000	2	999	9	Custer		033	0000
	017	000	2			Davison		035	0000
				004	6	Mitchell			
				999	9	Balance of county			
	018	000	2	999	9	Day		037	0000
	019	000	2	999	9	Deuel		039	0000
	020	000	2	999	9	Dewey		041	0000
	021	000	2	999	9	Douglas		043	0000
	022	000	2	999	9	Edmunds		045	0000
	023	000	2	999	9	Fall River		047	0000
	024	000	2	999	9	Faulk		049	0000
	025	000	2	999	9	Grant		051	0000
	026	000	2	999	9	Gregory		053	0000
	027	000	2	999	9	Haakon		055	0000
	028	000	2	999	9	Hamlin		057	0000
	029	000	2	999	9	Hand		059	0000
	030	000	2	999	9	Hanson		061	0000
	031	000	2	999	9	Harding		063	0000
	032	000	2			Hughes		065	0000
				005	6	Pierre			
				999	9	Balance of county			
	033	000	2	999	9	Hutchinson		067	0000
	034	000	2	999	9	Hyde		069	0000
	035	000	2	999	9	Jackson		071	0000
	036	000	2	999	9	Jerauld		073	0000
	037	000	2	999	9	Jones		075	0000
	038	000	2	999	9	Kingsbury		077	0000
	039	000	2	999	9	Lake		079	0000
	040	000	2	999	9	Lawrence		081	0000
	041	000	2			Lincoln		083	0000
				007	4	Sioux Falls, part			
				999	9	Balance of county			
	042	000	2	999	9	Lyman		085	0000
	043	000	2	999	9	McCook		087	0000
	044	000	2	999	9	McPherson		089	0000
	045	000	2	999	9	Marshall		091	0000
	046	000	2	999	9	Meade		093	0000
	047	000	2	999	9	Mellette		095	0000
	048	000	2	999	9	Miner		097	0000
	049	276	1			Minnehaha		099	7760
				007	4	Sioux Falls, part			
				999	9	Balance of county			
	050	000	2	999	9	Moody		101	0000
	051	239	1			Pennington		103	6660
				006	5	Rapid City			
				999	9	Balance of county			
	052	000	2	999	9	Perkins		105	0000
	053	000	2	999	9	Potter		107	0000
	054	000	2	999	9	Roberts		109	0000

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

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

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	
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		Benton	005	0000	
004	000	2		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		Campbell	013	0000	
008	000	2		Cannon	015	0000	
009	000	2		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		Cheatham	021	5360	
012	000	2		Chester	023	0000	
013	000	2		Claiborne	025	0000	
014	000	2		Clay	027	0000	
015	000	2		Cocke	029	0000	
016	000	2		Coffee	031	0000	
			036 6	Tullahoma, part			
			999 9	Balance of county			
017	000	2		Crockett	033	0000	
018	000	2		Cumberland	035	0000	
019	200	1		Davidson	037	5360	
			030 2	Nashville-Davidson			
			999 9	Balance of county			
020	000	2		Decatur	039	0000	
021	000	2		De Kalb	041	0000	
022	200	1		Dickson	043	5360	
023	000	2		Dyer	045	0000	
			009 6	Dyersburg			
			999 9	Balance of county			
024	000	2		Fayette	047	0000	
025	000	2		Fentress	049	0000	
026	000	2		Franklin	051	0000	
			036 6	Tullahoma, part			
			999 9	Balance of county			
027	000	2		Gibson	053	0000	
			017 6	Humboldt			
			999 9	Balance of county			
028	000	2		Giles	055	0000	
029	152	1		Grainger	057	3840	
030	000	2		Greene	059	0000	
			015 6	Greeneville			
			999 9	Balance of county			
031	000	2		Grundy	061	0000	
032	000	2		Hamblen	063	0000	
			028 6	Morristown			
			999 9	Balance of county			
033	061	1		Hamilton	065	1560	
			004 3	Chattanooga			
			010 6	East Ridge			
			033 6	Red Bank			
			999 9	Balance of county			
034	000	2		Hancock	067	0000	
035	000	2		Hardeman	069	0000	
036	000	2		Hardin	071	0000	
037	143	1		Hawkins	073	3660	
			020 5	Kingsport, part			
			999 9	Balance of county			
038	000	2		Haywood	075	0000	
039	000	2		Henderson	077	0000	
040	000	2		Henry	079	0000	
			032 6	Paris			
			999 9	Balance of county			
041	000	2		Hickman	081	0000	

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		

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
43					Tennessee	47
			999	9	Balance of county	
084	185	1	999	9	Tipton	167 4920
085	000	2	999	9	Trousdale	169 0000
086	143	1	999	9	Unicoi	171 3660
087	152	1	999	9	Union	173 3840
088	000	2	999	9	Van Buren	175 0000
089	000	2			Warren	177 0000
			024	6	McMinnville	
			999	9	Balance of county	
090	143	1			Washington	179 3660
			019	5	Johnson City, part	
			999	9	Balance of county	
091	000	2	999	9	Wayne	181 0000
092	000	2	999	9	Weakley	183 0000
093	000	2	999	9	White	185 0000
094	200	1			Williamson	187 5360
			012	6	Franklin	
			999	9	Balance of county	
095	200	1			Wilson	189 5360
			023	6	Lebanon	
			999	9	Balance of county	

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

Vital Statistics Codes				FIPS Codes		
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
44				Texas	48	
001	000	2		Anderson	001	0000
			103 6	Palestine		
			999 9	Balance of county		
002	000	2		Andrews	003	0000
			005 6	Andrews		
			999 9	Balance of county		
003	000	2		Angelina	005	0000
			086 5	Lufkin		
			999 9	Balance of county		
004	000	2		Aransas	007	0000
005	000	2		Archer	009	0000
			151 4	Wichita Falls, part		
			999 9	Balance of county		
006	000	2		Armstrong	011	0000
007	000	2		Atascosa	013	0000
008	000	2		Austin	015	0000
009	000	2		Bailey	017	0000
010	000	2		Bandera	019	0000
011	000	2		Bastrop	021	0000
012	000	2		Baylor	023	0000
013	000	2		Bee	025	0000
			015 6	Beeville		
			999 9	Balance of county		
014	151	1		Bell	027	3810
			017 6	Belton		
			073 5	Killeen		
			132 5	Temple		
			999 9	Balance of county		
015	259	1		Bexar	029	7240
			121 1	San Antonio		
			138 6	Universal City		
			999 9	Balance of county		
016	000	2		Blanco	031	0000
017	000	2		Borden	033	0000
018	000	2		Bosque	035	0000
019	290	1		Bowie	037	8360
			134 5	Texarkana		
			999 9	Balance of county		
020	045	1		Brazoria	039	1145
			003 6	Alvin		
			006 6	Angleton		
			053 6	Freeport		
			075 6	Lake Jackson		
			107 6	Pearland, part		
			999 9	Balance of county		
021	049	1		Brazos	041	1260
			025 5	Bryan		
			031 5	College Station		
			999 9	Balance of county		
022	000	2		Brewster	043	0000
023	000	2		Briscoe	045	0000
024	000	2		Brooks	047	0000
025	000	2		Brown	049	0000
			024 6	Brownwood		
			999 9	Balance of county		
026	000	2		Burleson	051	0000
027	000	2		Burnet	053	0000
028	000	2		Caldwell	055	0000
029	000	2		Calhoun	057	0000
			114 6	Port Lavaca		
			999 9	Balance of county		
030	000	2		Callahan	059	0000
031	048	1		Cameron	061	1240
			023 4	Brownsville		
			063 5	Harlingen		
			122 6	San Benito		
			999 9	Balance of county		
032	000	2		Camp	063	0000
033	000	2		Carson	065	0000
034	000	2		Cass	067	0000
035	000	2		Castro	069	0000
036	000	2		Chambers	071	0000
			012 4	Baytown, part		
			999 9	Balance of county		

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

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

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.

Vital Statistics Codes			FIPS Codes			
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
44				Texas	48	
			127 6	South Houston		
			149 6	West University Place		
			999 9	Balance of county		
102	172	1		Harrison	203	4420
			084 4	Longview, part		
			089 6	Marshall		
			999 9	Balance of county		
103	000	2	999 9	Hartley	205	0000
104	000	2	999 9	Haskell	207	0000
105	023	1		Hays	209	0640
			123 6	San Marcos		
			999 9	Balance of county		
106	000	2	999 9	Hemphill	211	0000
107	000	2		Henderson	213	0000
			008 6	Athens		
			999 9	Balance of county		
108	182	1		Hidalgo	215	4880
			045 6	Edinburg		
			087 4	McAllen		
			090 6	Mercedes		
			094 6	Mission		
			109 6	Pharr		
			148 6	Weslaco		
			999 9	Balance of county		
109	000	2	999 9	Hill	217	0000
110	000	2		Hockley	219	0000
			082 6	Levelland		
			999 9	Balance of county		
111	000	2	999 9	Hood	221	0000
112	000	2		Hopkins	223	0000
			129 6	Sulphur Springs		
			999 9	Balance of county		
113	000	2	999 9	Houston	225	0000
114	000	2		Howard	227	0000
			019 6	Big Spring		
			999 9	Balance of county		
115	000	2	999 9	Hudspeth	229	0000
116	000	2		Hunt	231	0000
			060 6	Greenville		
			999 9	Balance of county		
117	000	2		Hutchinson	233	0000
			020 6	Borger		
			999 9	Balance of county		
118	000	2	999 9	Irion	235	0000
119	000	2	999 9	Jack	237	0000
120	000	2	999 9	Jackson	239	0000
121	000	2	999 9	Jasper	241	0000
122	000	2	999 9	Jeff Davis	243	0000
123	029	1		Jefferson	245	0840
			013 3	Beaumont		
			061 6	Groves		
			098 6	Nederland		
			112 4	Port Arthur		
			115 6	Port Neches		
			999 9	Balance of county		
124	000	2	999 9	Jim Hogg	247	0000
125	000	2		Jim Wells	249	0000
			002 6	Alice		
			999 9	Balance of county		
126	109	1		Johnson	251	2800
			027 6	Burleson, part		
			030 6	Cleburne		
			999 9	Balance of county		
127	000	2		Jones	253	0000
			001 4	Abilene, part		
			999 9	Balance of county		
128	000	2	999 9	Karnes	255	0000
129	075	1		Kaufman	257	1920
			036 1	Dallas, part		
			133 6	Terrell		
			999 9	Balance of county		
130	000	2	999 9	Kendall	259	0000
131	000	2	999 9	Kenedy	261	0000
132	000	2	999 9	Kent	263	0000

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
44				Texas	48
	133	000	2	Kerr	265 0000
			071 6	Kerrville	
			999 9	Balance of county	
	134	000	2	Kimble	267 0000
	135	000	2	King	269 0000
	136	000	2	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	Knox	275 0000
	139	000	2	Lamar	277 0000
			105 5	Paris	
			999 9	Balance of county	
	140	000	2	Lamb	279 0000
	141	000	2	Lampasas	281 0000
	142	000	2	La Salle	283 0000
	143	000	2	Lavaca	285 0000
	144	000	2	Lee	287 0000
	145	000	2	Leon	289 0000
	146	130	1	Liberty	291 3360
	147	000	2	Limestone	293 0000
	148	000	2	Lipscomb	295 0000
	149	000	2	Live Oak	297 0000
	150	000	2	Llano	299 0000
	151	000	2	Loving	301 0000
	152	176	1	Lubbock	303 4600
			085 3	Lubbock	
			999 9	Balance of county	
	153	000	2	Lynn	305 0000
	154	000	2	McCulloch	307 0000
	155	304	1	McLennan	309 8800
			144 3	Waco	
			999 9	Balance of county	
	156	000	2	McMullen	311 0000
	157	000	2	Madison	313 0000
	158	000	2	Marion	315 0000
	159	000	2	Martin	317 0000
	160	000	2	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	Medina	325 0000
	164	000	2	Menard	327 0000
	165	189	1	Midland	329 5040
			092 4	Midland	
			999 9	Balance of county	
	166	000	2	Milam	331 0000
	167	000	2	Mills	333 0000
	168	000	2	Mitchell	335 0000
	169	000	2	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	Morris	343 0000
	173	000	2	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	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.						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	
			113	6	Portland, part		
			117	6	Robstown		
			999	9	Balance of county		
179	000	2	999	9	Ochiltree	357	0000
180	000	2	999	9	Oldham	359	0000
181	029	1			Orange	361	0840
			102	6	Orange		
			143	6	Vidor		
			999	9	Balance of county		
182	000	2			Palo Pinto	363	0000
			093	6	Mineral Wells, part		
			999	9	Balance of county		
183	000	2	999	9	Panola	365	0000
184	109	1			Parker	367	2800
			093	6	Mineral Wells, part		
			147	6	Weatherford		
			999	9	Balance of county		
185	000	2	999	9	Parmer	369	0000
186	000	2	999	9	Pecos	371	0000
187	000	2	999	9	Polk	373	0000
188	009	1			Potter	375	0320
			004	3	Amarillo, part		
			999	9	Balance of county		
189	000	2	999	9	Presidio	377	0000
190	000	2	999	9	Rains	379	0000
191	009	1			Randall	381	0320
			004	3	Amarillo, part		
			028	6	Canyon		
			999	9	Balance of county		
192	000	2	999	9	Reagan	383	0000
193	000	2	999	9	Real	385	0000
194	000	2	999	9	Red River	387	0000
195	000	2			Reeves	389	0000
			108	6	Pecos		
			999	9	Balance of county		
196	000	2	999	9	Refugio	391	0000
197	000	2	999	9	Roberts	393	0000
198	000	2	999	9	Robertson	395	0000
199	075	1			Rockwall	397	1920
			036	1	Dallas, part		
			057	3	Garland, part		
			999	9	Balance of county		
200	000	2	999	9	Runnels	399	0000
201	000	2			Rusk	401	0000
			064	6	Henderson		
			072	6	Kilgore, part		
			999	9	Balance of county		
202	000	2	999	9	Sabine	403	0000
203	000	2	999	9	San Augustine	405	0000
204	000	2	999	9	San Jacinto	407	0000
205	073	1			San Patricio	409	1880
			034	3	Corpus Christi, part		
			113	6	Portland, part		
			999	9	Balance of county		
206	000	2	999	9	San Saba	411	0000
207	000	2	999	9	Schleicher	413	0000
208	000	2			Scurry	415	0000
			126	6	Snyder		
			999	9	Balance of county		
209	000	2	999	9	Shackelford	417	0000
210	000	2	999	9	Shelby	419	0000
211	000	2	999	9	Sherman	421	0000
212	297	1			Smith	423	8640
			137	4	Tyler		
			999	9	Balance of county		
213	000	2	999	9	Somervell	425	0000
214	000	2	999	9	Starr	427	0000
215	000	2	999	9	Stephens	429	0000
216	000	2	999	9	Sterling	431	0000
217	000	2	999	9	Stonewall	433	0000
218	000	2	999	9	Sutton	435	0000
219	000	2	999	9	Swisher	437	0000
220	109	1			Tarrant	439	2800
			007	3	Arlington		

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

Vital Statistics Codes			FIPS Codes				
St Cnty	MSA M/NM	City P/S	State,	County,	City, or Country Name	St Cnty	MSA
44			Texas				48
		014 6			Bedford		
		018 6			Benbrook		
		027 6			Burleson, part		
		049 6			Eules		
		051 6			Forest Hill		
		052 2			Fort Worth		
		058 4			Grand Prairie, part		
		059 6			Grapevine, part		
		062 5			Haltom City		
		068 5			Hurst		
		100 5			North Richland Hills		
		145 6			Watauga		
		150 6			White Settlement		
		999 9			Balance of county		
221	001	1			Taylor	441	0040
		001 4			Abilene, part		
		999 9			Balance of county		
222	000	2			Terrell	443	0000
223	000	2			Terry	445	0000
		022 6			Brownfield		
		999 9			Balance of county		
224	000	2			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			Trinity	455	0000
229	000	2			Tyler	457	0000
230	000	2			Upshur	459	0000
231	000	2			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			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			Waller	473	3360
238	000	2			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			Wheeler	483	0000
243	311	1			Wichita	485	9080
		026 6			Burkburnett		
		151 4			Wichita Falls, part		
		999 9			Balance of county		
244	000	2			Wilbarger	487	0000
		141 6			Vernon		
		999 9			Balance of county		
245	000	2			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		

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
44					Texas	48	
	247	000	2	999	9 Wilson		493 0000
	248	000	2	999	9 Winkler		495 0000
	249	000	2	999	9 Wise		497 0000
	250	000	2	999	9 Wood		499 0000
	251	000	2	999	9 Yoakum		501 0000
	252	000	2	999	9 Young		503 0000
	253	000	2	999	9 Zapata		505 0000
	254	000	2	999	9 Zavala		507 0000

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

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes	
St Cnty	MSA	M/NM	City P/S			St Cnty	MSA
45				Utah		49	
	001	000	2	999	9		001 0000
	002	000	2				003 0000
				003	6		
				999	9		
	003	000	2				005 0000
				007	5		
				999	9		
	004	000	2	999	9		007 0000
	005	000	2	999	9		009 0000
	006	257	1				011 7160
				002	5		
				005	6		
				006	6		
				999	9		
	007	000	2	999	9		013 0000
	008	000	2	999	9		015 0000
	009	000	2	999	9		017 0000
	010	000	2	999	9		019 0000
	011	000	2				021 0000
				004	6		
				999	9		
	012	000	2	999	9		023 0000
	013	000	2	999	9		025 0000
	014	000	2	999	9		027 0000
	015	000	2	999	9		029 0000
	016	000	2	999	9		031 0000
	017	000	2	999	9		033 0000
	018	257	1				035 7160
				008	6		
				009	5		
				016	3		
				017	4		
				019	6		
				022	5		
				999	9		
	019	000	2	999	9		037 0000
	020	000	2	999	9		039 0000
	021	000	2	999	9		041 0000
	022	000	2	999	9		043 0000
	023	000	2				045 0000
				021	6		
				999	9		
	024	000	2	999	9		047 0000
	025	235	1				049 6520
				001	6		
				011	4		
				012	6		
				013	4		
				020	6		
				999	9		
	026	000	2	999	9		051 0000
	027	000	2				053 0000
				015	6		
				999	9		
	028	000	2	999	9		055 0000
	029	257	1				057 7160
				010	4		
				014	6		
				018	6		
				999	9		

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		9 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		9 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

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Washington

53

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
			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		Berkeley	003	0000
				007	6 Martinsburg		
				999	9 Balance of county		
	003	000	2	999	9 Boone	005	0000
	004	000	2	999	9 Braxton	007	0000
	005	283	1		Brooke	009	8080
				014	6 Weirton, part		
				999	9 Balance of county		
	006	131	1		Cabell	011	3400
				006	4 Huntington, part		
				999	9 Balance of county		
	007	000	2	999	9 Calhoun	013	0000
	008	000	2	999	9 Clay	015	0000
	009	000	2	999	9 Doddridge	017	0000
	010	000	2	999	9 Fayette	019	0000
	011	000	2	999	9 Gilmer	021	0000
	012	000	2	999	9 Grant	023	0000
	013	000	2	999	9 Greenbrier	025	0000
	014	000	2	999	9 Hampshire	027	0000
	015	283	1		Hancock	029	8080
				014	6 Weirton, part		
				999	9 Balance of county		
	016	000	2	999	9 Hardy	031	0000
	017	000	2		Harrison	033	0000
				004	6 Clarksburg		
				999	9 Balance of county		
	018	000	2	999	9 Jackson	035	0000
	019	000	2	999	9 Jefferson	037	0000
	020	058	1		Kanawha	039	1480
				003	4 Charleston		
				011	6 St. Albans		
				012	6 South Charleston		
				999	9 Balance of county		
	021	000	2	999	9 Lewis	041	0000
	022	000	2	999	9 Lincoln	043	0000
	023	000	2	999	9 Logan	045	0000
	024	000	2	999	9 McDowell	047	0000
	025	000	2		Marion	049	0000
				005	6 Fairmont		
				999	9 Balance of county		
	026	309	1		Marshall	051	9000
				009	6 Moundsville		
				015	5 Wheeling, part		
				999	9 Balance of county		
	027	000	2	999	9 Mason	053	0000
	028	000	2		Mercer	055	0000
				002	6 Bluefield		
				999	9 Balance of county		
	029	074	1	999	9 Mineral	057	1900
	030	000	2	999	9 Mingo	059	0000
	031	000	2		Monongalia	061	0000
				008	5 Morgantown		
				999	9 Balance of county		
	032	000	2	999	9 Monroe	063	0000
	033	000	2	999	9 Morgan	065	0000
	034	000	2	999	9 Nicholas	067	0000
	035	309	1		Ohio	069	9000
				015	5 Wheeling, part		
				999	9 Balance of county		
	036	000	2	999	9 Pendleton	071	0000
	037	000	2	999	9 Pleasants	073	0000
	038	000	2	999	9 Pocahontas	075	0000
	039	000	2	999	9 Preston	077	0000
	040	058	1	999	9 Putnam	079	1480
	041	000	2		Raleigh	081	0000
				001	6 Beckley		
				999	9 Balance of county		
	042	000	2	999	9 Randolph	083	0000
	043	000	2	999	9 Ritchie	085	0000
	044	000	2	999	9 Roane	087	0000
	045	000	2	999	9 Summers	089	0000
	046	000	2	999	9 Taylor	091	0000
	047	000	2	999	9 Tucker	093	0000

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	Fond du Lac	039 0000
			012 5	Fond du Lac	
			999 9	Balance of county	
	021	000	2 999 9	Forest	041 0000
	022	000	2 999 9	Grant	043 0000
	023	000	2	Green	045 0000
			033 6	Monroe	
			999 9	Balance of county	
	024	000	2 999 9	Green Lake	047 0000
	025	000	2 999 9	Iowa	049 0000
	026	000	2 999 9	Iron	051 0000
	027	000	2 999 9	Jackson	053 0000
	028	000	2	Jefferson	055 0000
			048 6	Watertown, part	
			055 6	Whitewater, part	
			999 9	Balance of county	
	029	000	2 999 9	Juneau	057 0000
	030	150	1	Kenosha	059 3800
			021 4	Kenosha	
			999 9	Balance of county	
	031	000	2 999 9	Kewaunee	061 0000
	032	154	1	La Crosse	063 3870
			022 5	La Crosse	
			999 9	Balance of county	
	033	000	2 999 9	Lafayette	065 0000
	034	000	2 999 9	Langlade	067 0000
	035	000	2 999 9	Lincoln	069 0000
	036	000	2	Manitowoc	071 0000
			024 5	Manitowoc	
			047 6	Two Rivers	
			999 9	Balance of county	
	037	307	1	Marathon	073 8940
			026 6	Marshfield, part	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
50				Wisconsin	55
			050 5	Wausau	
			999 9	Balance of county	
038	000	2		Marinette	075 0000
			025 6	Marinette	
			999 9	Balance of county	
039	000	2	999 9	Marquette	077 0000
040	000	2	999 9	Menominee	078 0000
041	190	1		Milwaukee	079 5080
			007 6	Brown Deer	
			009 6	Cudahy	
			013 6	Franklin	
			015 6	Glendale	
			017 6	Greendale	
			018 5	Greenfield	
			032 1	Milwaukee, part	
			037 6	Oak Creek	
			040 6	St. Francis	
			042 6	Shorewood	
			043 6	South Milwaukee	
			051 4	Wauwatosa	
			052 4	West Allis	
			054 6	Whitefish Bay	
			999 9	Balance of county	
042	000	2	999 9	Monroe	081 0000
043	000	2	999 9	Oconto	083 0000
044	000	2	999 9	Oneida	085 0000
045	016	1		Outagamie	087 0460
			002 4	Appleton, part	
			020 6	Kaukauna	
			999 9	Balance of county	
046	190	1		Ozaukee	089 5080
			030 6	Mequon	
			999 9	Balance of county	
047	000	2	999 9	Pepin	091 0000
048	000	2	999 9	Pierce	093 0000
049	000	2	999 9	Polk	095 0000
050	000	2		Portage	097 0000
			044 6	Stevens Point	
			999 9	Balance of county	
051	000	2	999 9	Price	099 0000
052	237	1		Racine	101 6600
			039 4	Racine	
			999 9	Balance of county	
053	000	2	999 9	Richland	103 0000
054	141	1		Rock	105 3620
			005 5	Beloit	
			019 4	Janesville	
			999 9	Balance of county	
055	000	2	999 9	Rusk	107 0000
056	191	1	999 9	St. Croix	109 5120
057	000	2	999 9	Sauk	111 0000
058	000	2	999 9	Sawyer	113 0000
059	000	2	999 9	Shawano	115 0000
060	272	1		Sheboygan	117 7620
			041 5	Sheboygan	
			999 9	Balance of county	
061	000	2	999 9	Taylor	119 0000
062	000	2	999 9	Trempealeau	121 0000
063	000	2	999 9	Vernon	123 0000
064	000	2	999 9	Vilas	125 0000
065	000	2		Walworth	127 0000
			055 6	Whitewater, part	
			999 9	Balance of county	
066	000	2	999 9	Washburn	129 0000
067	190	1		Washington	131 5080
			014 6	Germantown	
			032 1	Milwaukee, part	
			053 6	West Bend	
			999 9	Balance of county	
068	190	1		Waukesha	133 5080
			006 5	Brookfield	
			028 5	Menomonee Falls	
			034 6	Muskego	
			036 5	New Berlin	

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

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

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

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

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

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

**List of Metropolitan Statistical Areas
and their Component Counties**

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

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

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

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

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

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

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

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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
			Sebastian		131
	37		Oklahoma		40
		068	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

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Area	State	County	Area Name and County Components	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

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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

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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				FIPS Codes		
Area	State	County	Area Name and County Components	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

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Area	State	County		Area	State	Cnty
181	36	070	Mansfield, OH MSA Ohio Richland	4800	39	139
182	44	108	McAllen-Edinburg-Mission, TX MSA Texas Hidalgo	4880	48	215
183	38	015	Medford, OR MSA Oregon Jackson	4890	41	029
184	10	005	Melbourne-Titusville-Palm Bay, FL MSA Florida Brevard	4900	12	009
185	04	018	Memphis, TN-AR-MS MSA Arkansas Crittenden	4920	05	035
	25	017	Mississippi De Soto		28	033
	43	079	Tennessee Shelby		47	157
		084	Tipton			167
186	05	024	Merced, CA MSA California Merced	4940	06	047
187	10	013	Miami-Hialeah, FL PMSA Florida Dade	5000	12	025
188	31	010	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

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

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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

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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	6020	39	167
	49	054	Washington 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 Yamhill	6440	41	005 051 067 071
232	30	008 009	Portsmouth-Dover-Rochester, NH NECMA New Hampshire Rockingham Strafford	6453	33	015 017

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

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
246	47		Roanoke, VA MSA	6800	51	
		014	Virginia			023
		109	Botetourt			161
		110	Roanoke			770
		114	Roanoke city			775
			Salem city			
247	24		Rochester, MN MSA	6820	27	
		055	Minnesota			109
			Olmsted			
248	33		Rochester, NY MSA	6840	36	
		024	New York			051
		026	Livingston			055
		033	Monroe			069
		035	Ontario			073
		055	Orleans			117
			Wayne			
249	14		Rockford, IL MSA	6880	17	
		004	Illinois			007
		101	Boone			201
			Winnebago			
250	05		Sacramento, CA MSA	6920	06	
		009	California			017
		031	El Dorado			061
		034	Placer			067
		057	Sacramento			113
			Yolo			
251	23		Saginaw-Bay City-Midland, MI MSA	6960	26	
		009	Michigan			017
		056	Bay			111
		073	Midland			145
			Saginaw			
252	24		St. Cloud, MN MSA	6980	27	
		005	Minnesota			009
		071	Benton			141
		073	Sherburne			145
			Stearns			
253	26		St. Joseph, MO MSA	7000	29	
		011	Missouri			021
			Buchanan			
254	14		St. Louis, MO-IL MSA	7040	17	
		014	Illinois			027
		042	Clinton			083
		060	Jersey			119
		067	Madison			133
		082	Monroe			163
			St. Clair			
	26		Missouri		29	
		036	Franklin			071
		050	Jefferson			099
		092	St. Charles			183
		096	St. Louis			189
		097	St. Louis city			510
255	39		Salem, OR MSA	7080	41	
		024	Oregon			047
		027	Marion			053
			Polk			
256	05		Salinas-Seaside-Monterey, CA MSA	7120	06	
		027	California			053
			Monterey			
257	45		Salt Lake City-Ogden, UT MSA	7160	49	
		006	Utah			011
		018	Davis			035
		029	Salt Lake			057
			Weber			

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

Vital Statistics Codes				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 28 022	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 49 005 015	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

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

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

FETAL DEATH DOCUMENTATION TABLE 1.
 FETAL DEATHS BY PERIOD OF GESTATION AND STATE OF OCCURRENCE: UNITED STATES AND EACH STATE,
 1993

(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.....	71,181	40,263	27,325	3,593	28,804	12,792	14,533	1,479
Alabama.....	606	16	579	11	590	295	284	11
Alaska.....	47	2	45	-	45	23	22	-
Arizona.....	471	20	444	7	451	201	243	7
Arkansas.....	269	1	268	-	268	110	158	-
California.....	3,706	71	3,231	404	3,635	1,274	1,957	404
Colorado.....	355	7	348	-	348	185	163	-
Connecticut.....	287	4	259	24	283	127	132	24
Delaware.....	49	1	47	1	48	19	28	1
Dist of Columbia..	182	9	158	15	173	77	81	15
Florida.....	1,458	33	1,367	58	1,425	638	729	58
Georgia.....	9,845	8,344	1,126	375	1,135	669	457	9
Hawaii.....	1,422	1,221	129	72	130	80	49	1
Idaho.....	97	3	93	1	94	24	69	1
Illinois.....	1,450	29	1,377	44	1,421	586	791	44
Indiana.....	566	4	559	3	562	206	353	3
Iowa.....	238	6	227	5	232	104	123	5
Kansas.....	211	3	207	1	208	65	142	1
Kentucky.....	377	12	362	3	365	147	215	3
Louisiana.....	583	30	454	99	553	190	264	99
Maine.....	81	-	79	2	81	25	54	2
Maryland.....	653	28	332	293	625	176	156	293
Massachusetts.....	534	14	520	-	520	231	289	-
Michigan.....	734	20	711	3	714	330	381	3
Minnesota.....	356	16	339	1	340	132	207	1
Mississippi.....	495	17	478	-	478	246	232	-
Missouri.....	525	14	507	4	511	209	298	4
Montana.....	77	2	74	1	75	29	45	1
Nebraska.....	154	-	154	-	154	58	96	-
Nevada.....	149	11	132	6	138	52	80	6
New Hampshire.....	93	5	88	-	88	28	60	-

FETAL DEATH DOCUMENTATION TABLE 1
 FETAL DEATHS BY PERIOD OF GESTATION AND STATE OF OCCURRENCE: UNITED STATES AND EACH STATE,
 1993

(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.....	806	12	742	52	794	333	409	52
New Mexico.....	115	5	110	-	110	28	82	-
New York excluding New York City....	11,049	9,439	1,091	519	1,121	562	529	30
New York City....	14,561	11,940	1,981	640	2,023	1,248	733	42
North Carolina....	862	21	835	6	841	414	421	6
North Dakota.....	61	1	59	1	60	25	34	1
Ohio.....	1,207	40	1,155	12	1,167	519	636	12
Oklahoma.....	371	8	166	197	363	66	100	197
Oregon.....	213	6	206	1	207	87	119	1
Pennsylvania.....	2,148	792	1,324	32	1,356	762	562	32
Rhode Island.....	1,038	924	103	11	104	52	51	1
South Carolina....	583	21	560	2	562	289	271	2
South Dakota.....	47	1	46	-	46	5	41	-
Tennessee.....	424	2	420	2	422	128	292	2
Texas.....	2,043	101	1,860	82	1,942	766	1,094	82
Utah.....	244	10	234	-	234	111	123	-
Vermont.....	33	2	31	-	31	13	18	-
Virginia.....	8,282	6,979	717	586	723	438	279	6
Washington.....	409	6	386	17	403	162	224	17
West Virginia.....	171	-	171	-	171	71	100	-
Wisconsin.....	409	10	399	-	399	163	236	-
Wyoming.....	35	-	35	-	35	14	21	-

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1993

(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.....	28,766	14,238	12,957	1,571
White.....	19,222	9,466	8,829	927
All Other.....	1,034	509	455	70
Black.....	8,510	4,263	3,673	574
Alabama.....	598	319	276	3
White.....	301	166	135	-
All Other.....	4	1	3	-
Black.....	293	152	138	3
Alaska.....	46	22	20	4
White.....	33	16	15	2
All Other.....	11	4	5	2
Black.....	2	2	-	-
Arizona.....	454	219	224	11
White.....	372	178	183	11
All Other.....	57	32	25	-
Black.....	25	9	16	-
Arkansas.....	282	136	144	2
White.....	191	99	90	2
All Other.....	3	2	1	-
Black.....	88	35	53	-
California.....	3,621	1,832	1,768	21
White.....	2,846	1,421	1,407	18
All Other.....	307	165	141	1
Black.....	468	246	220	2
Colorado.....	342	176	157	9
White.....	307	155	143	9
All Other.....	3	1	2	-
Black.....	32	20	12	-

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1993

(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.....	282	144	132	6
White.....	213	107	102	4
All Other.....	10	6	4	-
Black.....	59	31	26	2
Delaware.....	46	24	22	-
White.....	29	16	13	-
All Other.....	1	1	-	-
Black.....	16	7	9	-
Dist of Columbia.....	110	57	52	1
White.....	4	2	2	-
All Other.....	1	-	1	-
Black.....	105	55	49	1
Florida.....	1,430	746	673	11
White.....	856	431	422	3
All Other.....	23	10	13	-
Black.....	551	305	238	8
Georgia.....	1,126	533	430	163
White.....	454	206	169	79
All Other.....	11	6	5	-
Black.....	661	321	256	84
Hawaii.....	131	58	44	29
White.....	40	14	14	12
All Other.....	84	42	27	15
Black.....	7	2	3	2
Idaho.....	106	39	67	-
White.....	100	35	65	-
All Other.....	6	4	2	-
Black.....	-	-	-	-

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1993

(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.....	1,447	753	685	9
White.....	849	432	412	5
All Other.....	27	14	13	-
Black.....	571	307	260	4
Indiana.....	567	308	259	-
White.....	444	243	201	-
All Other.....	6	3	3	-
Black.....	117	62	55	-
Iowa.....	234	127	106	1
White.....	222	121	100	1
All Other.....	2	1	1	-
Black.....	10	5	5	-
Kansas.....	224	118	105	1
White.....	188	95	92	1
All Other.....	6	4	2	-
Black.....	30	19	11	-
Kentucky.....	376	187	187	2
White.....	320	165	154	1
All Other.....	5	-	5	-
Black.....	51	22	28	1
Louisiana.....	558	290	261	7
White.....	231	116	112	3
All Other.....	7	2	5	-
Black.....	320	172	144	4
Maine.....	80	44	34	2
White.....	80	44	34	2
All Other.....	-	-	-	-
Black.....	-	-	-	-

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1993

(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.....	668	359	290	19
White.....	322	163	147	12
All Other.....	16	10	6	-
Black.....	330	186	137	7
Massachusetts.....	519	274	239	6
White.....	418	225	189	4
All Other.....	1	1	-	-
Black.....	100	48	50	2
Michigan.....	727	362	338	27
White.....	527	262	242	23
All Other.....	12	4	8	-
Black.....	188	96	88	4
Minnesota.....	332	180	150	2
White.....	269	149	119	1
All Other.....	24	11	13	-
Black.....	39	20	18	1
Mississippi.....	471	237	222	12
White.....	155	82	69	4
All Other.....	1	1	-	-
Black.....	315	154	153	8
Missouri.....	488	245	243	-
White.....	328	159	169	-
All Other.....	4	2	2	-
Black.....	156	84	72	-
Montana.....	75	41	33	1
White.....	68	37	30	1
All Other.....	7	4	3	-
Black.....	-	-	-	-

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1993

(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.....	152	80	70	2
White.....	132	64	66	2
All Other.....	9	9	-	-
Black.....	11	7	4	-
Nevada.....	142	72	69	1
White.....	113	58	54	1
All Other.....	10	5	5	-
Black.....	19	9	10	-
New Hampshire.....	89	53	34	2
White.....	88	52	34	2
All Other.....	1	1	-	-
Black.....	-	-	-	-
New Jersey.....	859	414	388	57
White.....	541	261	242	38
All Other.....	37	17	16	4
Black.....	281	136	130	15
New Mexico.....	109	53	56	-
White.....	92	46	46	-
All Other.....	13	5	8	-
Black.....	4	2	2	-
New York.....	3,127	1,240	1,075	812
White.....	1,833	728	629	476
All Other.....	99	36	28	35
Black.....	1,195	476	418	301
North Carolina.....	847	437	392	18
White.....	423	217	194	12
All Other.....	23	10	13	-
Black.....	401	210	185	6

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1993

(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	24	30	2
White.....	50	21	27	2
All Other.....	6	3	3	-
Black.....	-	-	-	-
Ohio.....	1,160	590	557	13
White.....	855	444	400	11
All Other.....	8	3	5	-
Black.....	297	143	152	2
Oklahoma.....	375	187	187	1
White.....	261	129	131	1
All Other.....	44	19	25	-
Black.....	70	39	31	-
Oregon.....	198	92	102	4
White.....	185	87	94	4
All Other.....	7	3	4	-
Black.....	6	2	4	-
Pennsylvania.....	1,314	633	542	139
White.....	978	470	423	85
All Other.....	16	5	7	4
Black.....	320	158	112	50
Rhode Island.....	96	37	49	10
White.....	76	31	38	7
All Other.....	4	1	2	1
Black.....	16	5	9	2
South Carolina.....	571	283	280	8
White.....	247	114	129	4
All Other.....	2	1	1	-
Black.....	322	168	150	4

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1993

(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.....	46	27	18	1
White.....	35	21	13	1
All Other.....	11	6	5	-
Black.....	-	-	-	-
Tennessee.....	386	188	197	1
White.....	228	104	123	1
All Other.....	2	1	1	-
Black.....	156	83	73	-
Texas.....	1,917	1,003	908	6
White.....	1,476	754	718	4
All Other.....	35	18	16	1
Black.....	406	231	174	1
Utah.....	210	103	104	3
White.....	197	95	99	3
All Other.....	11	8	3	-
Black.....	2	-	2	-
Vermont.....	26	16	10	-
White.....	25	16	9	-
All Other.....	1	-	1	-
Black.....	-	-	-	-
Virginia.....	737	360	244	133
White.....	382	188	127	67
All Other.....	14	3	4	7
Black.....	341	169	113	59
Washington.....	404	198	205	1
White.....	343	168	175	-
All Other.....	26	14	12	-
Black.....	35	16	18	1

FETAL DEATH DOCUMENTATION TABLE 2
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1993

(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.....	156	83	68	5
White.....	147	77	65	5
All Other.....	1	1	-	-
Black.....	8	5	3	-
Wisconsin.....	406	211	193	2
White.....	309	160	147	2
All Other.....	13	8	5	-
Black.....	84	43	41	-
Wyoming.....	43	24	18	1
White.....	39	22	16	1
All Other.....	2	1	1	-
Black.....	2	1	1	-

FETAL DEATH DOCUMENTATION TABLE 3
 FETAL DEATHS BY BIRTH WEIGHT, RACE OF MOTHER, AND SEX: UNITED STATES, 1993

(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.....	28,766	3,481	3,762	5,941	2,521	2,246	2,164	2,179	1,841	978	337	112	85	3,119
MALE.....	14,238	1,660	1,929	3,069	1,249	1,133	1,139	1,064	950	526	199	79	56	1,185
FEMALE.....	12,957	1,487	1,696	2,741	1,248	1,091	1,011	1,106	885	448	136	33	26	1,049
SEX NOT STD.....	1,571	334	137	131	24	22	14	9	6	4	2	-	3	885
WHITE.....	19,222	2,227	2,257	3,823	1,733	1,525	1,522	1,601	1,418	795	260	77	48	1,936
MALE.....	9,466	1,054	1,140	1,964	851	785	782	769	717	409	154	56	33	752
FEMALE.....	8,829	968	1,052	1,776	866	724	732	825	697	382	105	21	14	667
SEX NOT STD.....	927	205	65	83	16	16	8	7	4	4	1	-	1	517
ALL OTHER.....	1,034	115	128	210	87	77	77	65	94	29	14	2	10	126
MALE.....	509	61	64	111	38	34	44	30	48	20	8	1	6	44
FEMALE.....	455	42	57	92	48	41	32	35	46	9	5	1	4	43
SEX NOT STD.....	70	12	7	7	1	2	1	-	-	-	1	-	-	39
BLACK.....	8,510	1,139	1,377	1,908	701	644	565	513	329	154	63	33	27	1,057
MALE.....	4,263	545	725	994	360	314	313	265	185	97	37	22	17	389
FEMALE.....	3,673	477	587	873	334	326	247	246	142	57	26	11	8	339
SEX NOT STD.....	574	117	65	41	7	4	5	2	2	-	-	-	2	329

FETAL DEATH DOCUMENTATION TABLE 4
 FETAL DEATHS BY AGE OF MOTHER, RACE OF MOTHER, AND SEX: UNITED STATES, 1993

(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.....	28,766	148	4,108	6,987	7,183	6,195	3,282	816	47
MALE.....	14,238	76	2,108	3,467	3,496	3,040	1,623	403	25
FEMALE.....	12,957	64	1,792	3,168	3,331	2,775	1,456	353	18
SEX NOT STD.....	1,571	8	208	352	356	380	203	60	4
WHITE.....	19,222	47	2,376	4,511	4,951	4,388	2,325	596	28
MALE.....	9,466	26	1,166	2,259	2,391	2,139	1,178	290	17
FEMALE.....	8,829	19	1,102	2,054	2,345	2,011	1,020	269	9
SEX NOT STD.....	927	2	108	198	215	238	127	37	2
ALL OTHER.....	1,034	4	107	186	270	269	145	48	5
MALE.....	509	3	53	95	130	133	69	23	3
FEMALE.....	455	1	47	76	127	114	67	21	2
SEX NOT STD.....	70	-	7	15	13	22	9	4	-
BLACK.....	8,510	97	1,625	2,290	1,962	1,538	812	172	14
MALE.....	4,263	47	889	1,113	975	768	376	90	5
FEMALE.....	3,673	44	643	1,038	859	650	369	63	7
SEX NOT STD.....	574	6	93	139	128	120	67	19	2

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, 1993
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE;
 SEE TECHNICAL APPENDIX.)

MEDICAL RISK FACTOR AND RACE OF MOTHER	ALL FETAL DEATHS ^{1/}	MEDICAL RISK FACTOR REPORTED								MEDICAL RISK FACTOR NOT REPORTED	NOT STATED
		AGE OF MOTHER									
		ALL AGES	UNDER 20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS		
ALL RACES ^{2/}											
ANEMIA.....	26,515	871	144	244	202	162	93	25	1	23,890	1,754
CARDIAC DISEASE.....	26,515	165	18	32	41	37	28	8	1	24,596	1,754
ACUTE OR CHRONIC LUNG DISEASE...	26,515	220	33	48	51	49	32	7	-	24,541	1,754
DIABETES.....	26,515	744	47	125	189	200	143	36	4	24,017	1,754
GENITAL HERPES.....	24,598	137	18	26	40	34	17	2	-	22,960	1,501
HYDRAMNIOS/OLIGOHYDRAMNIOS.....	26,515	1,201	151	261	321	259	166	41	2	23,560	1,754
HEMOGLOBINOPATHY.....	26,515	500	53	125	115	120	67	19	1	24,261	1,754
HYPERTENSION, CHRONIC.....	26,515	587	26	76	137	168	120	57	3	24,174	1,754
HYPERTENSION, PREGNANCY- ASSOCIATED.....	26,515	1,061	160	240	272	227	119	39	4	23,700	1,754
ECLAMPSIA.....	26,515	157	36	34	41	28	15	3	-	24,604	1,754
INCOMPETENT CERVIX.....	26,515	690	83	141	190	179	76	21	-	24,071	1,754
PREVIOUS INFANT 4000+ GRAMS.....	25,364	275	9	42	72	88	51	10	3	23,328	1,761
PREVIOUS PRETERM OR SMALL-FOR- GESTATIONAL-AGE INFANT.....	26,515	750	57	158	203	183	118	31	-	24,011	1,754
RENAL DISEASE.....	26,515	213	32	58	53	40	25	4	1	24,548	1,754
RH SENSITIZATION.....	26,245	367	37	86	101	81	46	16	-	24,139	1,739
UTERINE BLEEDING.....	24,598	1,179	165	303	336	209	128	36	2	21,918	1,501

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, 1993
 (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.....	17,950	520	83	128	131	100	60	17	1	16,371	1,059
CARDIAC DISEASE.....	17,950	116	13	19	30	31	17	5	1	16,775	1,059
ACUTE OR CHRONIC LUNG DISEASE...	17,950	159	15	39	37	37	25	6	-	16,732	1,059
DIABETES.....	17,950	502	27	90	134	125	95	28	3	16,389	1,059
GENITAL HERPES.....	16,474	107	11	21	30	31	12	2	-	15,505	862
HYDRAMNIOS/OLIGOHYDRAMNIOS.....	17,950	934	106	195	269	208	123	32	1	15,957	1,059
HEMOGLOBINOPATHY.....	17,950	386	38	100	91	89	51	16	1	16,505	1,059
HYPERTENSION, CHRONIC.....	17,950	314	11	39	77	93	56	36	2	16,577	1,059
HYPERTENSION, PREGNANCY- ASSOCIATED.....	17,950	678	81	155	197	135	79	27	4	16,213	1,059
ECLAMPSIA.....	17,950	79	15	16	26	13	7	2	-	16,812	1,059
INCOMPETENT CERVIX.....	17,950	416	48	73	117	120	41	17	-	16,475	1,059
PREVIOUS INFANT 4000+ GRAMS.....	17,022	212	8	28	54	73	37	9	3	15,746	1,064
PREVIOUS PRETERM OR SMALL-FOR- GESTATIONAL-AGE INFANT.....	17,950	479	33	88	130	119	84	25	-	16,412	1,059
RENAL DISEASE.....	17,950	152	19	40	40	28	22	3	-	16,739	1,059
RH SENSITIZATION.....	17,727	280	27	65	73	63	36	16	-	16,395	1,052
UTERINE BLEEDING.....	16,474	801	99	195	235	147	100	24	1	14,811	862

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, 1993
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE;
 SEE TECHNICAL APPENDIX.)-Continued

MEDICAL RISK FACTOR AND RACE OF MOTHER	ALL FETAL DEATHS 1/	MEDICAL RISK FACTOR REPORTED								MEDICAL RISK FACTOR NOT REPORTED	NOT STATED
		AGE OF MOTHER									
		ALL AGES	UNDER 20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS		
BLACK											
ANEMIA.....	7,683	315	56	111	62	53	26	7	-	6,719	649
CARDIAC DISEASE.....	7,683	45	3	12	11	6	11	2	-	6,989	649
ACUTE OR CHRONIC LUNG DISEASE...	7,683	53	17	7	12	9	7	1	-	6,981	649
DIABETES.....	7,683	213	19	33	49	60	44	7	1	6,821	649
GENITAL HERPES.....	7,277	29	7	5	9	3	5	-	-	6,650	598
HYDRAMNIOS/OLIGOHYDRAMNIOS.....	7,683	218	42	59	36	35	39	6	1	6,816	649
HEMOGLOBINOPATHY.....	7,683	67	11	18	14	17	7	-	-	6,967	649
HYPERTENSION, CHRONIC.....	7,683	259	15	35	56	72	61	19	1	6,775	649
HYPERTENSION, PREGNANCY- ASSOCIATED.....	7,683	348	78	80	68	83	30	9	-	6,686	649
ECLAMPSIA.....	7,683	77	21	18	15	14	8	1	-	6,957	649
INCOMPETENT CERVIX.....	7,683	258	33	67	68	54	32	4	-	6,776	649
PREVIOUS INFANT 4000+ GRAMS.....	7,484	51	1	13	15	12	9	1	-	6,784	649
PREVIOUS PRETERM OR SMALL-FOR- GESTATIONAL-AGE INFANT.....	7,683	243	23	64	67	52	32	5	-	6,791	649
RENAL DISEASE.....	7,683	52	13	17	7	11	3	1	-	6,982	649
RH SENSITIZATION.....	7,653	67	8	17	19	16	7	-	-	6,943	643
UTERINE BLEEDING.....	7,277	330	63	97	87	50	24	8	1	6,349	598

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, 1993
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE:
 SEE TECHNICAL APPENDIX.)

SMOKING STATUS, AVERAGE NUMBER OF CIGARETTES PER DAY AND RACE OF MOTHER	ALL FETAL DEATHS	AGE OF MOTHER								
		UNDER 15 YEARS	15-19 Years			20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-49 YEARS
			TOTAL	15-17 YEARS	18-19 YEARS					
ALL RACES <u>1/</u>										
TOTAL.....	19,154	107	2,922	1,233	1,689	4,914	4,697	3,949	2,073	492
SMOKER.....	3,409	6	455	163	292	990	830	699	358	71
1-5 CIGARETTES.....	621	2	88	40	48	172	151	122	74	12
6-10 CIGARETTES.....	1,091	2	160	56	104	337	268	211	94	19
11-15 CIGARETTES.....	128	-	17	5	12	35	35	23	16	2
16-20 CIGARETTES.....	842	1	89	29	60	252	212	181	88	19
21-30 CIGARETTES.....	117	-	10	3	7	32	27	22	23	3
31-40 CIGARETTES.....	70	-	3	-	3	15	17	19	13	3
41 CIGARETTES OR MORE.....	19	-	-	-	-	7	4	5	3	-
NOT STATED.....	521	1	88	30	58	140	116	116	47	13
NON-SMOKER.....	13,819	92	2,197	955	1,242	3,462	3,398	2,833	1,471	366
NOT STATED.....	1,926	9	270	115	155	462	469	417	244	55

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, 1993
 (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.....	12,792	25	1,650	643	1,007	3,111	3,296	2,834	1,504	372
SMOKER.....	2,489	5	379	134	245	772	583	465	239	46
1-5 CIGARETTES.....	355	1	65	29	36	100	81	66	37	5
6-10 CIGARETTES.....	817	2	136	45	91	280	196	130	58	15
11-15 CIGARETTES.....	106	-	16	5	11	30	30	17	12	1
16-20 CIGARETTES.....	688	1	83	27	56	216	167	138	68	15
21-30 CIGARETTES.....	105	-	10	3	7	27	26	21	18	3
31-40 CIGARETTES.....	56	-	1	-	1	14	14	16	9	2
41 CIGARETTES OR MORE.....	14	-	-	-	-	7	3	2	2	-
NOT STATED.....	348	1	68	25	43	98	66	75	35	5
NON-SMOKER.....	9,014	17	1,115	446	669	2,050	2,393	2,063	1,089	287
NOT STATED.....	1,289	3	156	63	93	289	320	306	176	39

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, 1993
 (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.....	5,903	80	1,230	578	652	1,706	1,280	998	504	105
SMOKER.....	867	1	65	26	39	207	236	219	116	23
1-5 CIGARETTES.....	251	1	21	11	10	65	67	54	36	7
6-10 CIGARETTES.....	259	-	19	9	10	55	70	76	35	4
11-15 CIGARETTES.....	20	-	-	-	-	5	5	5	4	1
16-20 CIGARETTES.....	147	-	6	2	4	34	43	40	20	4
21-30 CIGARETTES.....	11	-	-	-	-	5	1	1	4	-
31-40 CIGARETTES.....	14	-	2	-	2	1	3	3	4	1
41 CIGARETTES OR MORE.....	5	-	-	-	-	-	1	3	1	-
NOT STATED.....	160	-	17	4	13	42	46	37	12	6
NON-SMOKER.....	4,460	74	1,060	502	558	1,336	912	678	330	70
NOT STATED.....	576	5	105	50	55	163	132	101	58	12

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, 1993
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.)

DRINKING STATUS, AVERAGE NUMBER OF DRINKS PER WEEK, AND RACE OF MOTHER	ALL AGES	AGE OF MOTHER								
		UNDER 15 YEARS	15-19 years			20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-49 YEARS
			TOTAL	15-17 YEARS	18-19 YEARS					
ALL RACES ^{1/}	19,721	108	3,035	1,276	1,759	5,056	4,841	4,053	2,117	511
DRINKER.....	742	-	69	26	43	178	185	194	93	23
1 DRINK OR LESS.....	162	-	13	1	12	42	36	41	28	2
2 DRINKS.....	60	-	5	3	2	24	6	15	8	2
3-4 DRINKS.....	63	-	2	-	2	13	17	18	10	3
5 DRINKS OR MORE.....	107	-	9	3	6	17	30	30	15	6
NOT STATED.....	350	-	40	19	21	82	96	90	32	10
NON-DRINKER.....	16,818	98	2,663	1,121	1,542	4,355	4,121	3,399	1,751	431
NOT STATED.....	2,161	10	303	129	174	523	535	460	273	57
WHITE.....	13,236	25	1,730	672	1,058	3,222	3,413	2,923	1,534	389
DRINKER.....	372	-	46	19	27	90	84	96	44	12
1 DRINK OR LESS.....	103	-	7	-	7	27	26	21	20	2
2 DRINKS.....	28	-	4	3	1	11	2	5	5	1
3-4 DRINKS.....	21	-	1	-	1	4	5	7	3	1
5 DRINKS OR MORE.....	41	-	2	1	1	7	9	13	6	4
NOT STATED.....	179	-	32	15	17	41	42	50	10	4
NON-DRINKER.....	11,427	22	1,510	583	927	2,798	2,970	2,492	1,298	337
NOT STATED.....	1,437	3	174	70	104	334	359	335	192	40
BLACK.....	6,020	81	1,261	592	669	1,737	1,306	1,012	516	107
DRINKER.....	337	-	19	7	12	82	92	88	46	10
1 DRINK OR LESS.....	52	-	5	1	4	13	10	17	7	-
2 DRINKS.....	31	-	1	-	1	13	4	9	3	1
3-4 DRINKS.....	41	-	-	-	-	9	12	11	7	2
5 DRINKS OR MORE.....	64	-	6	2	4	10	21	17	8	2
NOT STATED.....	149	-	7	4	3	37	45	34	21	5
NON-DRINKER.....	5,038	75	1,127	530	597	1,477	1,061	814	400	84
NOT STATED.....	645	6	115	55	60	178	153	110	70	13

^{1/} 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, 1993
 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 ^{1/}	22,894	2,817	2,471	1,911	2,104	1,343	1,283	1,909	9,056
UNDER 20 YEARS.....	3,475	472	408	287	270	183	183	274	1,398
20-24 YEARS.....	5,696	732	627	477	569	319	318	481	2,173
25-29 YEARS.....	5,694	724	593	504	523	336	347	514	2,153
30-34 YEARS.....	4,821	521	539	378	438	303	270	401	1,971
35-39 YEARS.....	2,563	294	248	211	237	159	137	200	1,077
40-49 YEARS.....	645	74	56	54	67	43	28	39	284
WHITE.....	15,104	1,779	1,635	1,347	1,486	996	976	1,442	5,443
UNDER 20 YEARS.....	1,937	233	226	172	157	120	121	199	709
20-24 YEARS.....	3,595	459	388	315	372	227	243	357	1,234
25-29 YEARS.....	3,911	481	425	367	395	260	265	385	1,333
30-34 YEARS.....	3,386	344	380	285	333	241	214	304	1,285
35-39 YEARS.....	1,811	207	175	168	181	118	108	165	689
40-49 YEARS.....	464	55	41	40	48	30	25	32	193
BLACK.....	7,215	978	766	515	574	317	281	432	3,352
UNDER 20 YEARS.....	1,485	232	179	111	109	60	57	70	667
20-24 YEARS.....	1,989	261	224	152	187	87	71	117	890
25-29 YEARS.....	1,636	234	149	124	118	68	72	112	759
30-34 YEARS.....	1,283	158	141	82	92	56	50	93	611
35-39 YEARS.....	668	77	62	34	51	36	28	33	347
40-49 YEARS.....	154	16	11	12	17	10	3	7	78

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

FETAL DEATH DOCUMENTATION TABLE 9
 FETAL DEATHS WITH SELECTED OBSTETRIC PROCEDURES BY AGE AND RACE OF MOTHER: TOTAL OF 45 REPORTING STATES AND
 THE DISTRICT OF COLUMBIA, 1993

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.....	26,515	1,807	132	276	378	380	474	167	23,263	1,445
ELECTRONIC FETAL MONITORING.....	26,515	6,972	1,114	1,792	1,807	1,377	700	182	18,098	1,445
INDUCTION OF LABOR.....	26,515	7,023	924	1,729	1,804	1,547	809	210	18,047	1,445
STIMULATION OF LABOR.....	26,515	1,976	294	503	499	417	204	59	23,094	1,445
TOCOLYSIS.....	26,515	765	86	197	207	168	89	18	24,305	1,445
ULTRASOUND.....	26,515	14,244	2,038	3,546	3,594	3,050	1,592	424	10,826	1,445
WHITE										
AMNIOCENTESIS.....	17,950	1,476	95	217	307	322	395	140	15,658	816
ELECTRONIC FETAL MONITORING.....	17,950	4,640	623	1,173	1,248	978	485	133	12,494	816
INDUCTION OF LABOR.....	17,950	5,198	574	1,257	1,387	1,199	620	161	11,936	816
STIMULATION OF LABOR.....	17,950	1,377	174	334	356	308	155	50	15,757	816
TOCOLYSIS.....	17,950	570	62	136	150	136	72	14	16,564	816
ULTRASOUND.....	17,950	9,965	1,216	2,393	2,631	2,228	1,185	312	7,169	816
BLACK										
AMNIOCENTESIS.....	7,683	261	35	50	59	37	61	19	6,833	589
ELECTRONIC FETAL MONITORING.....	7,683	2,147	479	576	505	356	191	40	4,947	589
INDUCTION OF LABOR.....	7,683	1,655	338	443	367	304	161	42	5,439	589
STIMULATION OF LABOR.....	7,683	541	113	159	128	92	41	8	6,553	589
TOCOLYSIS.....	7,683	176	24	57	48	30	14	3	6,918	589
ULTRASOUND.....	7,683	3,876	787	1,076	854	715	355	89	3,218	589

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, 1993
 [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.....	26,515	1,158	168	250	295	242	170	33	-	23,745	1,612
MECONIUM, MODERATE/HEAVY.....	26,515	1,275	154	328	327	271	157	34	4	23,628	1,612
PREMATURE RUPTURE OF MEMBRANE.....	26,515	1,984	257	478	504	449	250	46	-	22,919	1,612
ABRUPTIO PLACENTA.....	26,515	2,100	339	583	497	419	207	51	4	22,803	1,612
PLACENTA PREVIA.....	26,515	254	39	71	61	47	30	5	1	24,649	1,612
OTHER EXCESSIVE BLEEDING.....	26,515	441	69	111	110	89	52	10	-	24,462	1,612
SEIZURES DURING LABOR.....	26,515	46	15	8	10	6	5	2	-	24,857	1,612
PRECIPITOUS LABOR.....	26,515	331	57	75	77	60	50	12	-	24,572	1,612
PROLONGED LABOR.....	26,515	203	31	45	54	41	27	5	-	24,700	1,612
DYSFUNCTIONAL LABOR.....	26,515	196	27	44	57	44	16	6	2	24,707	1,612
BREECH/MALPRESENTATION.....	26,515	3,004	499	720	770	595	332	85	3	21,899	1,612
CEPHALOPELVIC DISPROPORTION...	24,598	117	18	26	29	30	11	3	-	22,974	1,507
CORD PROLAPSE.....	26,515	534	91	133	108	124	68	9	1	24,369	1,612
ANESTHETIC COMPLICATIONS.....	24,598	9	-	1	3	2	3	-	-	23,082	1,507
FETAL DISTRESS.....	24,598	605	99	145	155	123	70	12	1	22,486	1,507

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, 1993
 [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.....	17,950	749	96	159	191	162	118	23	-	16,228	973
MECONIUM, MODERATE/HEAVY.....	17,950	920	97	240	235	199	120	26	3	16,057	973
PREMATURE RUPTURE OF MEMBRANE.....	17,950	1,145	131	273	288	272	151	30	-	15,832	973
ABRUPTIO PLACENTA.....	17,950	1,405	201	381	357	281	144	39	2	15,572	973
PLACENTA PREVIA.....	17,950	184	19	52	48	36	24	4	1	16,793	973
OTHER EXCESSIVE BLEEDING.....	17,950	294	41	71	82	57	36	7	-	16,683	973
SEIZURES DURING LABOR.....	17,950	28	8	3	8	4	4	1	-	16,949	973
PRECIPITOUS LABOR.....	17,950	185	24	44	36	37	38	6	-	16,792	973
PROLONGED LABOR.....	17,950	145	17	35	39	30	21	3	-	16,832	973
DYSFUNCTIONAL LABOR.....	17,950	151	16	32	52	32	12	5	2	16,826	973
BREECH/MALPRESENTATION.....	17,950	2,052	295	487	555	413	240	60	2	14,925	973
CEPHALOPELVIC DISPROPORTION.....	16,474	86	11	19	22	22	9	3	-	15,495	893
CORD PROLAPSE.....	17,950	356	56	88	78	87	41	5	1	16,621	973
ANESTHETIC COMPLICATIONS.....	16,474	7	-	1	2	1	3	-	-	15,574	893
FETAL DISTRESS.....	16,474	432	51	110	116	94	50	10	1	15,149	893

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, 1993
 [FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE; SEE TECHNICAL APPENDIX.
 FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.-Continued

COMPLICATIONS AND RACE OF MOTHER	ALL FETAL DEATHS 1/	COMPLICATION REPORTED								COMPLI- CATION NOT REPORTED	NOT STATED
		AGE OF MOTHER									
		ALL AGES	UNDER 20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS		
BLACK											
FEBRILE.....	7,683	385	69	87	101	72	47	9	-	6,702	596
MECONIUM, MODERATE/HEAVY.....	7,683	300	53	82	67	63	30	5	-	6,787	596
PREMATURE RUPTURE OF MEMBRANE.....	7,683	778	122	191	195	166	90	14	-	6,309	596
ABRUPTIO PLACENTA.....	7,683	642	132	189	127	124	60	8	2	6,445	596
PLACENTA PREVIA.....	7,683	59	17	16	12	8	5	1	-	7,028	596
OTHER EXCESSIVE BLEEDING.....	7,683	133	28	38	25	28	11	3	-	6,954	596
SEIZURES DURING LABOR.....	7,683	18	7	5	2	2	1	1	-	7,069	596
PRECIPITOUS LABOR.....	7,683	137	32	30	39	21	9	6	-	6,950	596
PROLONGED LABOR.....	7,683	45	11	10	11	7	4	2	-	7,042	596
DYSFUNCTIONAL LABOR.....	7,683	38	10	11	4	8	4	1	-	7,049	596
BREECH/MALPRESENTATION.....	7,683	860	194	222	195	150	75	23	1	6,227	596
CEPHALOPELVIC DISPROPORTION.....	7,277	25	7	7	2	7	2	-	-	6,681	571
CORD PROLAPSE.....	7,683	160	33	44	28	30	22	3	-	6,927	596
ANESTHETIC COMPLICATIONS.....	7,277	2	-	-	1	1	-	-	-	6,704	571
FETAL DISTRESS.....	7,277	158	47	31	34	27	17	2	-	6,548	571

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, 1993
 (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			HYSTERO- TOMY OR HYSTE- RECTOMY	NOT STATED
		TOTAL	VAGINAL BIRTH AFTER CESAREAN			OTHER VAGINAL			TOTAL	PRIMARY	REPEAT		
			ALL 1/	FORCEPS	VACUUM	ALL 1/	FORCEPS	VACUUM					
ALL RACES 2/	26,515	22,236	815	21	16	21,421	464	337	2,415	1,698	717	104	1,760
UNDER 15 YEARS.....	133	121	-	-	-	121	3	-	6	6	-	-	6
15-19 YEARS.....	3,793	3,307	32	-	1	3,275	49	52	250	228	22	14	222
20-24 YEARS.....	6,491	5,570	176	8	4	5,394	97	76	518	387	131	17	386
25-29 YEARS.....	6,607	5,502	245	5	2	5,257	119	84	642	439	203	34	429
30-34 YEARS.....	5,678	4,641	207	6	6	4,434	111	75	583	368	215	19	435
35-39 YEARS.....	3,013	2,438	120	1	3	2,318	67	38	334	218	116	18	223
40-44 YEARS.....	757	624	33	1	-	591	17	12	78	48	30	2	53
45-49 YEARS.....	43	33	2	-	-	31	1	-	4	4	-	-	6
WHITE	17,950	14,890	517	15	9	14,373	374	253	1,854	1,296	558	72	1,134
UNDER 15 YEARS.....	44	37	-	-	-	37	3	-	5	5	-	-	2
15-19 YEARS.....	2,251	1,943	13	-	1	1,930	37	31	179	161	18	7	122
20-24 YEARS.....	4,243	3,619	108	8	1	3,511	83	53	387	291	96	8	229
25-29 YEARS.....	4,629	3,812	164	3	1	3,648	85	72	509	349	160	29	279
30-34 YEARS.....	4,041	3,271	133	3	3	3,138	93	61	451	283	168	12	307
35-39 YEARS.....	2,160	1,724	77	-	3	1,647	56	27	264	173	91	15	157
40-44 YEARS.....	556	463	20	1	-	443	16	9	58	33	25	1	34
45-49 YEARS.....	26	21	2	-	-	19	1	-	1	1	-	-	4
BLACK	7,683	6,588	272	4	6	6,316	61	65	491	348	143	29	575
UNDER 15 YEARS.....	86	81	-	-	-	81	-	-	1	1	-	-	4
15-19 YEARS.....	1,472	1,307	19	-	-	1,288	10	20	67	63	4	6	92
20-24 YEARS.....	2,092	1,810	64	-	3	1,746	12	19	123	88	35	8	151
25-29 YEARS.....	1,747	1,496	74	1	-	1,422	26	8	114	77	37	5	132
30-34 YEARS.....	1,394	1,164	66	3	3	1,098	8	9	106	67	39	6	118
35-39 YEARS.....	724	601	39	-	-	562	5	7	60	37	23	3	60
40-44 YEARS.....	156	122	10	-	-	112	-	2	17	12	5	1	16
45-49 YEARS.....	12	7	-	-	-	7	-	-	3	3	-	-	2

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 44 REPORTING STATES (EXCLUDING NEW YORK CITY) AND THE DISTRICT OF COLUMBIA, 1993
 (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.....	24,430	353	162	53	57	34	38	21,547	2,530
SPINA BIFIDA/MENINGOCELE.....	24,430	155	102	15	19	8	6	21,745	2,530
HYDROCEPHALUS.....	24,430	245	124	37	43	26	12	21,655	2,530
MICROCEPHALUS.....	24,430	40	17	7	10	1	3	21,860	2,530
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES..	24,430	176	107	21	26	10	5	21,724	2,530
HEART MALFORMATIONS.....	24,430	306	138	41	68	33	22	21,594	2,530
OTHER CIRCULATORY/RESPIRATORY ANOMALIES..	24,430	169	66	18	46	26	12	21,731	2,530
RECTAL ATRESIA/STENOSIS.....	24,430	34	15	6	8	3	2	21,866	2,530
TRACHEO-ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA.....	24,430	31	10	6	9	3	3	21,869	2,530
OMPHALOCELE/GASTROSCHISIS.....	24,430	156	84	24	29	10	7	21,744	2,530
OTHER GASTROINTESTINAL ANOMALIES.....	24,430	92	37	8	25	15	7	21,808	2,530
MALFORMED GENITALIA.....	24,430	84	24	14	29	11	4	21,816	2,530
RENAL AGENESIS.....	24,430	107	51	17	22	10	4	21,793	2,530
OTHER UROGENITAL ANOMALIES.....	24,430	120	66	16	21	5	10	21,780	2,530
CLEFT LIP/PALATE.....	24,430	167	67	25	34	20	17	21,733	2,530
POLYDACTYLY/SYNDACTYLY/ADACTYLY.....	24,430	133	58	17	34	10	11	21,767	2,530
CLUB FOOT.....	24,430	139	69	17	25	17	9	21,761	2,530
DIAPHRAGMATIC HERNIA.....	24,430	26	10	2	9	4	1	21,874	2,530
OTHER MUSCULOSKELETAL/INTEGUMENTAL ANOMALIES.....	24,430	252	115	42	53	18	20	21,648	2,530
DOWN'S SYNDROME.....	24,430	180	88	13	31	27	18	21,720	2,530
OTHER CHROMOSOMAL ANOMALIES.....	24,430	400	197	56	71	35	30	21,500	2,530

FETAL DEATH DOCUMENTATION TABLE 12
 FETAL DEATHS WITH SELECTED CONGENITAL ANOMALIES BY PERIOD OF GESTATION AND RACE OF MOTHER: TOTAL OF 44 REPORTING STATES (EXCLUDING NEW YORK CITY) AND THE DISTRICT OF COLUMBIA, 1993
 (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.....	16,953	295	137	37	49	29	34	14,992	1,666
SPINA BIFIDA/MENINGOCELE.....	16,953	128	83	13	15	7	6	15,159	1,666
HYDROCEPHALUS.....	16,953	186	97	28	33	15	11	15,101	1,666
MICROCEPHALUS.....	16,953	35	15	6	9	1	2	15,252	1,666
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES..	16,953	126	75	14	22	7	2	15,161	1,666
HEART MALFORMATIONS.....	16,953	238	116	33	47	25	13	15,049	1,666
OTHER CIRCULATORY/RESPIRATORY ANOMALIES..	16,953	133	50	15	37	21	9	15,154	1,666
RECTAL ATRESIA/STENOSIS.....	16,953	30	13	6	7	2	2	15,257	1,666
TRACHEO-ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA.....	16,953	24	7	4	8	2	3	15,263	1,666
OMPHALOCELE/GASTROSCHISIS.....	16,953	123	63	21	23	7	7	15,164	1,666
OTHER GASTROINTESTINAL ANOMALIES.....	16,953	73	31	7	20	11	4	15,214	1,666
MALFORMED GENITALIA.....	16,953	63	20	12	20	8	2	15,224	1,666
RENAL AGENESIS.....	16,953	90	44	15	19	9	3	15,197	1,666
OTHER UROGENITAL ANOMALIES.....	16,953	95	52	12	17	5	7	15,192	1,666
CLEFT LIP/PALATE.....	16,953	130	47	19	26	18	16	15,157	1,666
POLYDACTYLY/SYNDACTYLY/ADACTYLY.....	16,953	96	42	11	23	8	9	15,191	1,666
CLUB FOOT.....	16,953	119	62	15	19	13	8	15,168	1,666
DIAPHRAGMATIC HERNIA.....	16,953	23	9	2	8	3	1	15,264	1,666
OTHER MUSCULOSKELETAL/INTEGUMENTAL ANOMALIES.....	16,953	184	84	33	38	13	14	15,103	1,666
DOWN'S SYNDROME.....	16,953	150	70	11	28	23	16	15,137	1,666
OTHER CHROMOSOMAL ANOMALIES.....	16,953	326	161	44	58	29	27	14,961	1,666

FETAL DEATH DOCUMENTATION TABLE 12
 FETAL DEATHS WITH SELECTED CONGENITAL ANOMALIES BY PERIOD OF GESTATION AND RACE OF MOTHER: TOTAL OF 44 REPORTING STATES (EXCLUDING NEW YORK CITY) AND THE DISTRICT OF COLUMBIA, 1993
 (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.....	6,683	50	21	14	8	4	3	5,839	794
SPINA BIFIDA/MENINGOCELE.....	6,683	23	15	2	4	1	-	5,866	794
HYDROCEPHALUS.....	6,683	53	24	8	9	10	1	5,836	794
MICROCEPHALUS.....	6,683	4	1	1	1	-	1	5,885	794
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES..	6,683	41	27	3	4	3	3	5,848	794
HEART MALFORMATIONS.....	6,683	56	18	6	18	7	7	5,833	794
OTHER CIRCULATORY/RESPIRATORY ANOMALIES.	6,683	26	11	1	8	4	2	5,863	794
RECTAL ATRESIA/STENOSIS.....	6,683	3	1	-	1	1	-	5,886	794
TRACHEO-ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA.....	6,683	6	3	1	1	1	-	5,883	794
OMPHALOCELE/GASTROSCHISIS.....	6,683	29	18	3	6	2	-	5,860	794
OTHER GASTROINTESTINAL ANOMALIES.....	6,683	16	5	1	5	2	3	5,873	794
MALFORMED GENITALIA.....	6,683	17	3	2	7	3	1	5,872	794
RENAL AGENESIS.....	6,683	16	6	2	3	1	1	5,873	794
OTHER UROGENITAL ANOMALIES.....	6,683	20	11	4	2	-	3	5,869	794
CLEFT LIP/PALATE.....	6,683	31	15	5	8	2	1	5,858	794
POLYDACTYLY/SYNDACTYLY/ADACTYLY.....	6,683	31	13	6	8	2	2	5,858	794
CLUB FOOT.....	6,683	18	7	1	6	4	-	5,871	794
DIAPHRAGMATIC HERNIA.....	6,683	3	1	-	1	1	-	5,886	794
OTHER MUSCULOSKELETAL/INTEGUMENTAL ANOMALIES.....	6,683	58	25	8	12	5	6	5,831	794
DOWN'S SYNDROME.....	6,683	25	14	1	3	4	2	5,864	794
OTHER CHROMOSOMAL ANOMALIES.....	6,683	53	23	11	9	5	3	5,836	794

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, 1993. (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	71,181			28,804		
GESTATION						
CLINICAL ESTIMATE		9,949	14.0		5,850	20.3
AS COMPUTED		13,796	19.4		4,685	16.3
COMBINED		3,593	5.0		1,479	5.1
PLACE OF DELIVERY		179	0.3		62	0.2
PRENATAL CARE						
MONTH BEGAN		26,590	37.4		4,230	14.7
NUMBER OF VISITS		26,564	37.3		4,797	16.7
FETUS						
SEX ¹		39,597	55.6		-	*
BIRTH WEIGHT		40,879	57.4		3,125	10.8
MOTHER						
MARITAL STATUS		34,917	49.1		11,448	39.7
EDUCATION		27,768	39.0		4,958	17.2
HISPANIC ORIGIN		13,516	19.0		3,603	12.5
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		4,673	6.6		1,240	4.3
BORN LIVE, NOW DEAD		4,849	6.8		1,324	4.6
OTHER TERMINATIONS		6,178	8.7		1,533	5.3
FATHER						
RACE		37,836	53.2		8,540	29.6
AGE		43,019	60.4		10,138	35.2
EDUCATION		44,104	62.0		10,987	38.1
HISPANIC ORIGIN		43,531	61.2		10,448	36.3
MEDICAL RISK FACTORS		15,313	21.5		3,934	13.7
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		44,333	62.3		11,428	39.7
ALCOHOL USE DURING PREGNANCY		44,258	62.2		11,119	38.6
WEIGHT GAIN DURING PREGNANCY ..		48,811	68.6		14,906	51.7
OBSTETRIC PROCEDURES		15,823	22.2		3,624	12.6
COMPLICATIONS OF LABOR AND/OR DELIVERY		15,542	21.8		3,792	13.2
CONGENITAL ANOMALIES OF FETUS		35,652	50.1		6,766	23.5
UNDERLYING CAUSE OF DEATH		71,181	100.0		28,804	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	606	.		590		
GESTATION						
CLINICAL ESTIMATE		10	*		10	*
AS COMPUTED		110	18.2		110	18.6
COMBINED		11	*		11	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		43	7.1		42	7.1
NUMBER OF VISITS		49	8.1		47	8.0
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		31	5.1		30	5.1
MOTHER						
MARITAL STATUS		3	*		3	*
EDUCATION		28	4.6		26	4.4
HISPANIC ORIGIN		1	*		1	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		6	*		6	*
BORN LIVE, NOW DEAD		6	*		6	*
OTHER TERMINATIONS		8	*		8	*
FATHER						
RACE		302	49.8		293	49.7
AGE		313	51.7		304	51.5
EDUCATION		316	52.1		305	51.7
HISPANIC ORIGIN		302	49.8		293	49.7
MEDICAL RISK FACTORS		19	*		19	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		-	*		-	*
ALCOHOL USE DURING PREGNANCY		-	*		-	*
WEIGHT GAIN DURING PREGNANCY ..		156	25.7		148	25.1
OBSTETRIC PROCEDURES		14	*		14	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		27	4.5		25	4.2
CONGENITAL ANOMALIES OF FETUS		9	*		8	*
UNDERLYING CAUSE OF DEATH		606	100.0		590	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	47			45		
GESTATION						
CLINICAL ESTIMATE		-	*		-	*
AS COMPUTED		3	*		2	*
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		-	*		-	*
NUMBER OF VISITS		-	*		-	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		2	*		2	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		6	*		6	*
HISPANIC ORIGIN		3	*		3	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		-	*		-	*
BORN LIVE, NOW DEAD		-	*		-	*
OTHER TERMINATIONS		-	*		-	*
FATHER						
RACE		12	*		10	*
AGE		15	*		13	*
EDUCATION		14	*		12	*
HISPANIC ORIGIN		11	*		9	*
MEDICAL RISK FACTORS		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		2	*		2	*
ALCOHOL USE DURING PREGNANCY		2	*		2	*
WEIGHT GAIN DURING PREGNANCY ..		9	*		9	*
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		-	*		-	*
CONGENITAL ANOMALIES OF FETUS		-	*		-	*
UNDERLYING CAUSE OF DEATH		47	100.0		45	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	471			451		
GESTATION						
CLINICAL ESTIMATE		7	*		6	*
AS COMPUTED		94	20.0		87	19.3
COMBINED		7	*		7	*
PLACE OF DELIVERY		1	*		1	*
PRENATAL CARE						
MONTH BEGAN		46	9.8		41	9.1
NUMBER OF VISITS		68	14.4		62	13.7
FETUS						
SEX ¹		3	*		-	*
BIRTH WEIGHT		35	7.4		28	6.2
MOTHER						
MARITAL STATUS		11	*		9	*
EDUCATION		31	6.6		30	6.7
HISPANIC ORIGIN		16	*		16	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		18	*		17	*
BORN LIVE, NOW DEAD		13	*		12	*
OTHER TERMINATIONS		17	*		16	*
FATHER						
RACE		153	32.5		144	31.9
AGE		194	41.2		184	40.8
EDUCATION		175	37.2		166	36.8
HISPANIC ORIGIN		161	34.2		152	33.7
MEDICAL RISK FACTORS		16	*		14	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		45	9.6		40	8.9
ALCOHOL USE DURING PREGNANCY		46	9.8		41	9.1
WEIGHT GAIN DURING PREGNANCY ..		187	39.7		176	39.0
OBSTETRIC PROCEDURES		17	*		15	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		16	*		14	*
CONGENITAL ANOMALIES OF FETUS		20	4.2		17	*
UNDERLYING CAUSE OF DEATH		471	100.0		451	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	269			268		
GESTATION						
CLINICAL ESTIMATE		1	*		1	*
AS COMPUTED		36	13.4		36	13.4
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		31	11.5		30	11.2
NUMBER OF VISITS		37	13.8		36	13.4
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		17	*		17	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		26	9.7		26	9.7
HISPANIC ORIGIN		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		1	*		1	*
OTHER TERMINATIONS		1	*		1	*
FATHER						
RACE		91	33.8		91	34.0
AGE		99	36.8		99	36.9
EDUCATION		100	37.2		100	37.3
HISPANIC ORIGIN		90	33.5		90	33.6
MEDICAL RISK FACTORS		2	*		2	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		6	*		6	*
ALCOHOL USE DURING PREGNANCY		8	*		8	*
WEIGHT GAIN DURING PREGNANCY ..		73	27.1		73	27.2
OBSTETRIC PROCEDURES		3	*		3	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		3	*		3	*
CONGENITAL ANOMALIES OF FETUS		5	*		5	*
UNDERLYING CAUSE OF DEATH		269	100.0		268	100.0

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

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	3,706			3,635		
GESTATION						
CLINICAL ESTIMATE		3,706	100.0		3,635	100.0
AS COMPUTED		369	10.0		369	10.2
COMBINED		404	10.9		404	11.1
PLACE OF DELIVERY		4	*		4	*
PRENATAL CARE						
MONTH BEGAN		247	6.7		242	6.7
NUMBER OF VISITS		316	8.5		309	8.5
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		47	1.3		46	1.3
MOTHER						
MARITAL STATUS		3,706	100.0		3,635	100.0
EDUCATION		295	8.0		286	7.9
HISPANIC ORIGIN		63	1.7		63	1.7
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		147	4.0		145	4.0
BORN LIVE, NOW DEAD		148	4.0		146	4.0
OTHER TERMINATIONS		148	4.0		146	4.0
FATHER						
RACE		244	6.6		240	6.6
AGE		518	14.0		509	14.0
EDUCATION		543	14.7		531	14.6
HISPANIC ORIGIN		248	6.7		240	6.6
MEDICAL RISK FACTORS		31	0.8		31	0.9
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		3,706	100.0		3,635	100.0
ALCOHOL USE DURING PREGNANCY		3,706	100.0		3,635	100.0
WEIGHT GAIN DURING PREGNANCY		3,706	100.0		3,635	100.0
OBSTETRIC PROCEDURES		30	0.8		30	0.8
COMPLICATIONS OF LABOR AND/OR DELIVERY		35	0.9		35	1.0
CONGENITAL ANOMALIES OF FETUS		70	1.9		70	1.9
UNDERLYING CAUSE OF DEATH		3,706	100.0		3,635	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	355			348		
GESTATION						
CLINICAL ESTIMATE		-	*		-	*
AS COMPUTED		49	13.8		49	14.1
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		53	14.9		53	15.2
NUMBER OF VISITS		62	17.5		62	17.8
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		46	13.0		44	12.6
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		67	18.9		63	18.1
HISPANIC ORIGIN		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		1	*		1	*
OTHER TERMINATIONS		1	*		1	*
FATHER						
RACE		108	30.4		106	30.5
AGE		126	35.5		123	35.3
EDUCATION		138	38.9		134	38.5
HISPANIC ORIGIN		-	*		-	*
MEDICAL RISK FACTORS		16	*		15	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		76	21.4		76	21.8
ALCOHOL USE DURING PREGNANCY		81	22.8		80	23.0
WEIGHT GAIN DURING PREGNANCY		155	43.7		151	43.4
OBSTETRIC PROCEDURES		17	*		17	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		15	*		15	*
CONGENITAL ANOMALIES OF FETUS		19	*		19	*
UNDERLYING CAUSE OF DEATH		355	100.0		348	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	287			283		
GESTATION						
CLINICAL ESTIMATE		24	8.4		23	8.1
AS COMPUTED		218	76.0		217	76.7
COMBINED		24	8.4		24	8.5
PLACE OF DELIVERY		7	*		7	*
PRENATAL CARE						
MONTH BEGAN		193	67.2		192	67.8
NUMBER OF VISITS		133	46.3		132	46.6
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		40	13.9		39	13.8
MOTHER						
MARITAL STATUS		287	100.0		283	100.0
EDUCATION		187	65.2		185	65.4
HISPANIC ORIGIN		113	39.4		112	39.6
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		105	36.6		104	36.7
BORN LIVE, NOW DEAD		106	36.9		105	37.1
OTHER TERMINATIONS		110	38.3		108	38.2
FATHER						
RACE		78	27.2		75	26.5
AGE		86	30.0		83	29.3
EDUCATION		205	71.4		201	71.0
HISPANIC ORIGIN		145	50.5		142	50.2
MEDICAL RISK FACTORS		76	26.5		74	26.1
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		99	34.5		97	34.3
ALCOHOL USE DURING PREGNANCY		101	35.2		98	34.6
WEIGHT GAIN DURING PREGNANCY		203	70.7		200	70.7
OBSTETRIC PROCEDURES		73	25.4		73	25.8
COMPLICATIONS OF LABOR AND/OR DELIVERY		96	33.4		95	33.6
CONGENITAL ANOMALIES OF FETUS		164	57.1		161	56.9
UNDERLYING CAUSE OF DEATH		287	100.0		283	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	49			48		
GESTATION						
CLINICAL ESTIMATE		1	*		1	*
AS COMPUTED		4	*		4	*
COMBINED		1	*		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		1	*		1	*
NUMBER OF VISITS		1	*		1	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		3	*		3	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		3	*		3	*
HISPANIC ORIGIN		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		1	*		1	*
OTHER TERMINATIONS		1	*		1	*
FATHER						
RACE		16	*		15	*
AGE		14	*		13	*
EDUCATION		20	40.8		19	*
HISPANIC ORIGIN		16	*		15	*
MEDICAL RISK FACTORS		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		1	*		1	*
ALCOHOL USE DURING PREGNANCY		1	*		1	*
WEIGHT GAIN DURING PREGNANCY ..		7	*		7	*
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		-	*		-	*
CONGENITAL ANOMALIES OF FETUS		-	*		-	*
UNDERLYING CAUSE OF DEATH		49	100.0		48	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	182			173		
GESTATION						
CLINICAL ESTIMATE		19	*		18	*
AS COMPUTED		48	26.4		48	27.7
COMBINED		15	*		15	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		53	29.1		52	30.1
NUMBER OF VISITS		52	28.6		51	29.5
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		30	16.5		29	16.8
MOTHER						
MARITAL STATUS		32	17.6		30	17.3
EDUCATION		45	24.7		42	24.3
HISPANIC ORIGIN		10	*		9	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		11	*		11	*
BORN LIVE, NOW DEAD		12	*		11	*
OTHER TERMINATIONS		11	*		11	*
FATHER						
RACE		92	50.5		88	50.9
AGE		104	57.1		99	57.2
EDUCATION		106	58.2		101	58.4
HISPANIC ORIGIN		92	50.5		88	50.9
MEDICAL RISK FACTORS		80	44.0		77	44.5
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		115	63.2		111	64.2
ALCOHOL USE DURING PREGNANCY		119	65.4		114	65.9
WEIGHT GAIN DURING PREGNANCY		150	82.4		144	83.2
OBSTETRIC PROCEDURES		80	44.0		78	45.1
COMPLICATIONS OF LABOR AND/OR DELIVERY		80	44.0		77	44.5
CONGENITAL ANOMALIES OF FETUS		114	62.6		111	64.2
UNDERLYING CAUSE OF DEATH		182	100.0		173	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	1,458			1,425		
GESTATION						
CLINICAL ESTIMATE		76	5.2		76	5.3
AS COMPUTED		217	14.9		217	15.2
COMBINED		58	4.0		58	4.1
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		252	17.3		249	17.5
NUMBER OF VISITS		250	17.1		245	17.2
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		123	8.4		121	8.5
MOTHER						
MARITAL STATUS		60	4.1		58	4.1
EDUCATION		131	9.0		129	9.1
HISPANIC ORIGIN		31	2.1		30	2.1
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		104	7.1		102	7.2
BORN LIVE, NOW DEAD		128	8.8		125	8.8
OTHER TERMINATIONS		133	9.1		131	9.2
FATHER						
RACE		267	18.3		259	18.2
AGE		356	24.4		348	24.4
EDUCATION		374	25.7		365	25.6
HISPANIC ORIGIN		270	18.5		263	18.5
MEDICAL RISK FACTORS		46	3.2		45	3.2
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		110	7.5		107	7.5
ALCOHOL USE DURING PREGNANCY		115	7.9		113	7.9
WEIGHT GAIN DURING PREGNANCY ..		595	40.8		576	40.4
OBSTETRIC PROCEDURES		58	4.0		57	4.0
COMPLICATIONS OF LABOR AND/OR DELIVERY		65	4.5		63	4.4
CONGENITAL ANOMALIES OF FETUS		68	4.7		66	4.6
UNDERLYING CAUSE OF DEATH		1,458	100.0		1,425	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	9,845			1,135		
GESTATION						
CLINICAL ESTIMATE		907	9.2		11	*
AS COMPUTED		1,865	18.9		146	12.9
COMBINED		375	3.8		9	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		3,516	35.7		209	18.4
NUMBER OF VISITS		3,558	36.1		216	19.0
FETUS						
SEX ¹		8,301	84.3		-	*
BIRTH WEIGHT		8,227	83.6		165	14.5
MOTHER						
MARITAL STATUS		30	0.3		5	*
EDUCATION		4,320	43.9		342	30.1
HISPANIC ORIGIN		1,696	17.2		97	8.5
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		568	5.8		8	*
BORN LIVE, NOW DEAD		632	6.4		19	*
OTHER TERMINATIONS		615	6.2		13	*
FATHER						
RACE		5,833	59.2		683	60.2
AGE		6,831	69.4		787	69.3
EDUCATION		7,066	71.8		795	70.0
HISPANIC ORIGIN		6,302	64.0		700	61.7
MEDICAL RISK FACTORS		1,324	13.4		188	16.6
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		824	8.4		47	4.1
ALCOHOL USE DURING PREGNANCY		1,028	10.4		49	4.3
WEIGHT GAIN DURING PREGNANCY		6,179	62.8		549	48.4
OBSTETRIC PROCEDURES		421	4.3		23	2.0
COMPLICATIONS OF LABOR AND/OR DELIVERY		623	6.3		29	2.6
CONGENITAL ANOMALIES OF FETUS		1,287	13.1		112	9.9
UNDERLYING CAUSE OF DEATH		9,845	100.0		1,135	100.0

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 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	1,422			130		
GESTATION						
CLINICAL ESTIMATE		189	13.3		5	*
AS COMPUTED		391	27.5		23	17.7
COMBINED		72	5.1		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN ..		533	37.5		39	30.0
NUMBER OF VISITS		528	37.1		40	30.8
FETUS						
SEX ¹		1,241	87.3		-	*
BIRTH WEIGHT		1,001	70.4		36	27.7
MOTHER						
MARITAL STATUS		3	*		-	*
EDUCATION		954	67.1		45	34.6
HISPANIC ORIGIN		209	14.7		18	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		12	*		1	*
BORN LIVE, NOW DEAD		12	*		1	*
OTHER TERMINATIONS		24	1.7		1	*
FATHER						
RACE		995	70.0		46	35.4
AGE		982	69.1		41	31.5
EDUCATION		1,070	75.2		51	39.2
HISPANIC ORIGIN		856	60.2		45	34.6
MEDICAL RISK FACTORS		1,422	100.0		130	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		1,422	100.0		130	100.0
ALCOHOL USE DURING PREGNANCY		1,422	100.0		130	100.0
WEIGHT GAIN DURING PREGNANCY ..		1,422	100.0		130	100.0
OBSTETRIC PROCEDURES		1,422	100.0		130	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY		1,422	100.0		130	100.0
CONGENITAL ANOMALIES OF FETUS		1,422	100.0		130	100.0
UNDERLYING CAUSE OF DEATH		1,422	100.0		130	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	97			94		
GESTATION						
CLINICAL ESTIMATE		3	*		3	*
AS COMPUTED		13	*		13	*
COMBINED		1	*		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		12	*		11	*
NUMBER OF VISITS		13	*		12	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		6	*		6	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		13	*		11	*
HISPANIC ORIGIN		2	*		2	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		2	*		2	*
BORN LIVE, NOW DEAD		3	*		3	*
OTHER TERMINATIONS		4	*		4	*
FATHER						
RACE		18	*		17	*
AGE		17	*		16	*
EDUCATION		24	24.7		22	23.4
HISPANIC ORIGIN		17	*		16	*
MEDICAL RISK FACTORS		3	*		2	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		4	*		4	*
ALCOHOL USE DURING PREGNANCY		10	*		9	*
WEIGHT GAIN DURING PREGNANCY ..		35	36.1		32	34.0
OBSTETRIC PROCEDURES		5	*		4	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		4	*		3	*
CONGENITAL ANOMALIES OF FETUS		12	*		12	*
UNDERLYING CAUSE OF DEATH		97	100.0		94	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	1,450			1,421		
GESTATION						
CLINICAL ESTIMATE		55	3.8		55	3.9
AS COMPUTED		236	16.3		235	16.5
COMBINED		44	3.0		44	3.1
PLACE OF DELIVERY		1	*		1	*
PRENATAL CARE						
MONTH BEGAN		187	12.9		182	12.8
NUMBER OF VISITS		211	14.6		207	14.6
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		110	7.6		107	7.5
MOTHER						
MARITAL STATUS		76	5.2		75	5.3
EDUCATION		144	9.9		139	9.8
HISPANIC ORIGIN		75	5.2		72	5.1
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		97	6.7		97	6.8
BORN LIVE, NOW DEAD		95	6.6		95	6.7
OTHER TERMINATIONS		96	6.6		96	6.8
FATHER						
RACE		325	22.4		316	22.2
AGE		475	32.8		464	32.7
EDUCATION		476	32.8		465	32.7
HISPANIC ORIGIN		320	22.1		311	21.9
MEDICAL RISK FACTORS		225	15.5		221	15.6
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		37	2.6		36	2.5
ALCOHOL USE DURING PREGNANCY		21	1.4		21	1.5
WEIGHT GAIN DURING PREGNANCY ..		548	37.8		541	38.1
OBSTETRIC PROCEDURES		183	12.6		179	12.6
COMPLICATIONS OF LABOR AND/OR DELIVERY		216	14.9		213	15.0
CONGENITAL ANOMALIES OF FETUS		294	20.3		288	20.3
UNDERLYING CAUSE OF DEATH		1,450	100.0		1,421	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	566			562		
GESTATION						
CLINICAL ESTIMATE		2	*		2	*
AS COMPUTED		95	16.8		95	16.9
COMBINED		3	*		3	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		69	12.2		68	12.1
NUMBER OF VISITS		80	14.1		79	14.1
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		38	6.7		38	6.8
MOTHER						
MARITAL STATUS		7	*		7	*
EDUCATION		42	7.4		42	7.5
HISPANIC ORIGIN		15	*		15	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		14	*		14	*
BORN LIVE, NOW DEAD		18	*		18	*
OTHER TERMINATIONS		17	*		17	*
FATHER						
RACE		62	11.0		62	11.0
AGE		82	14.5		81	14.4
EDUCATION		101	17.8		100	17.8
HISPANIC ORIGIN		69	12.2		69	12.3
MEDICAL RISK FACTORS		30	5.3		30	5.3
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		566	100.0		562	100.0
ALCOHOL USE DURING PREGNANCY		53	9.4		53	9.4
WEIGHT GAIN DURING PREGNANCY		96	17.0		95	16.9
OBSTETRIC PROCEDURES		16	*		16	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		14	*		14	*
CONGENITAL ANOMALIES OF FETUS		21	3.7		21	3.7
UNDERLYING CAUSE OF DEATH		566	100.0		562	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
IOWA	238			232		
GESTATION						
CLINICAL ESTIMATE		5	*		5	*
AS COMPUTED		25	10.5		24	10.3
COMBINED		5	*		5	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		12	*		12	*
NUMBER OF VISITS		14	*		14	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		9	*		8	*
MOTHER						
MARITAL STATUS		1	*		1	*
EDUCATION		7	*		7	*
HISPANIC ORIGIN		2	*		2	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		2	*		1	*
BORN LIVE, NOW DEAD		2	*		1	*
OTHER TERMINATIONS		2	*		1	*
FATHER						
RACE		29	12.2		29	12.5
AGE		35	14.7		34	14.7
EDUCATION		36	15.1		36	15.5
HISPANIC ORIGIN		29	12.2		29	12.5
MEDICAL RISK FACTORS		4	*		3	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		8	*		7	*
ALCOHOL USE DURING PREGNANCY		9	*		8	*
WEIGHT GAIN DURING PREGNANCY		35	14.7		32	13.8
OBSTETRIC PROCEDURES		3	*		2	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		2	*		1	*
CONGENITAL ANOMALIES OF FETUS		5	*		4	*
UNDERLYING CAUSE OF DEATH		238	100.0		232	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	211			208		
GESTATION						
CLINICAL ESTIMATE		1	*		1	*
AS COMPUTED		15	*		14	*
COMBINED		1	*		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		12	*		12	*
NUMBER OF VISITS		12	*		12	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		1	*		1	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		4	*		4	*
HISPANIC ORIGIN		3	*		3	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		-	*		-	*
BORN LIVE, NOW DEAD		-	*		-	*
OTHER TERMINATIONS		-	*		-	*
FATHER						
RACE		21	10.0		21	10.1
AGE		25	11.8		24	11.5
EDUCATION		26	12.3		26	12.5
HISPANIC ORIGIN		22	10.4		22	10.6
MEDICAL RISK FACTORS		21	10.0		20	9.6
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		21	10.0		20	9.6
ALCOHOL USE DURING PREGNANCY		21	10.0		20	9.6
WEIGHT GAIN DURING PREGNANCY		52	24.6		50	24.0
OBSTETRIC PROCEDURES		17	*		16	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		21	10.0		20	9.6
CONGENITAL ANOMALIES OF FETUS		30	14.2		29	13.9
UNDERLYING CAUSE OF DEATH		211	100.0		208	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	377			365		
GESTATION						
CLINICAL ESTIMATE		4	*		4	*
AS COMPUTED		28	7.4		28	7.7
COMBINED		3	*		3	*
PLACE OF DELIVERY		1	*		1	*
PRENATAL CARE						
MONTH BEGAN		14	*		14	*
NUMBER OF VISITS		21	5.6		21	5.8
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		10	*		9	*
MOTHER						
MARITAL STATUS		2	*		2	*
EDUCATION		12	*		12	*
HISPANIC ORIGIN		4	*		4	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		4	*		4	*
BORN LIVE, NOW DEAD		16	*		16	*
OTHER TERMINATIONS		15	*		15	*
FATHER						
RACE		143	37.9		137	37.5
AGE		147	39.0		141	38.6
EDUCATION		150	39.8		144	39.5
HISPANIC ORIGIN		147	39.0		141	38.6
MEDICAL RISK FACTORS		80	21.2		76	20.8
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		75	19.9		72	19.7
ALCOHOL USE DURING PREGNANCY		78	20.7		75	20.5
WEIGHT GAIN DURING PREGNANCY ..		162	43.0		155	42.5
OBSTETRIC PROCEDURES		74	19.6		70	19.2
COMPLICATIONS OF LABOR AND/OR DELIVERY		78	20.7		76	20.8
CONGENITAL ANOMALIES OF FETUS		145	38.5		140	38.4
UNDERLYING CAUSE OF DEATH		377	100.0		365	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	583			553		
GESTATION						
CLINICAL ESTIMATE		583	100.0		553	100.0
AS COMPUTED		91	15.6		91	16.5
COMBINED		99	17.0		99	17.9
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		50	8.6		50	9.0
NUMBER OF VISITS		81	13.9		80	14.5
FETUS						
SEX ¹		2	*		-	*
BIRTH WEIGHT		16	*		16	*
MOTHER						
MARITAL STATUS		3	*		2	*
EDUCATION		54	9.3		53	9.6
HISPANIC ORIGIN		583	100.0		553	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		22	3.8		22	4.0
BORN LIVE, NOW DEAD		24	4.1		24	4.3
OTHER TERMINATIONS		24	4.1		24	4.3
FATHER						
RACE		308	52.8		297	53.7
AGE		315	54.0		304	55.0
EDUCATION		285	48.9		275	49.7
HISPANIC ORIGIN		583	100.0		553	100.0
MEDICAL RISK FACTORS		583	100.0		553	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		583	100.0		553	100.0
ALCOHOL USE DURING PREGNANCY		583	100.0		553	100.0
WEIGHT GAIN DURING PREGNANCY		583	100.0		553	100.0
OBSTETRIC PROCEDURES		583	100.0		553	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY		583	100.0		553	100.0
CONGENITAL ANOMALIES OF FETUS		583	100.0		553	100.0
UNDERLYING CAUSE OF DEATH		583	100.0		553	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	81			81		
GESTATION						
CLINICAL ESTIMATE		5	*		5	*
AS COMPUTED		32	39.5		32	39.5
COMBINED		2	*		2	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		18	*		18	*
NUMBER OF VISITS		15	*		15	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		27	33.3		27	33.3
MOTHER						
MARITAL STATUS		15	*		15	*
EDUCATION		22	27.2		22	27.2
HISPANIC ORIGIN		21	25.9		21	25.9
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		10	*		10	*
BORN LIVE, NOW DEAD		11	*		11	*
OTHER TERMINATIONS		14	*		14	*
FATHER						
RACE		29	35.8		29	35.8
AGE		12	*		12	*
EDUCATION		31	38.3		31	38.3
HISPANIC ORIGIN		32	39.5		32	39.5
MEDICAL RISK FACTORS		17	*		17	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		19	*		19	*
ALCOHOL USE DURING PREGNANCY		20	24.7		20	24.7
WEIGHT GAIN DURING PREGNANCY		34	42.0		34	42.0
OBSTETRIC PROCEDURES		16	*		16	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		19	*		19	*
CONGENITAL ANOMALIES OF FETUS		24	29.6		24	29.6
UNDERLYING CAUSE OF DEATH		81	100.0		81	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	653			625		
GESTATION						
CLINICAL ESTIMATE		653	100.0		625	100.0
AS COMPUTED		288	44.1		288	46.1
COMBINED		293	44.9		293	46.9
PLACE OF DELIVERY		5	*		4	*
PRENATAL CARE						
MONTH BEGAN		269	41.2		266	42.6
NUMBER OF VISITS		653	100.0		625	100.0
FETUS						
SEX ¹		5	*		-	*
BIRTH WEIGHT		227	34.8		222	35.5
MOTHER						
MARITAL STATUS		653	100.0		625	100.0
EDUCATION		259	39.7		248	39.7
HISPANIC ORIGIN		653	100.0		625	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		89	13.6		88	14.1
BORN LIVE, NOW DEAD		90	13.8		89	14.2
OTHER TERMINATIONS		93	14.2		92	14.7
FATHER						
RACE		148	22.7		142	22.7
AGE		179	27.4		170	27.2
EDUCATION		292	44.7		281	45.0
HISPANIC ORIGIN		653	100.0		625	100.0
MEDICAL RISK FACTORS		653	100.0		625	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		653	100.0		625	100.0
ALCOHOL USE DURING PREGNANCY		653	100.0		625	100.0
WEIGHT GAIN DURING PREGNANCY		653	100.0		625	100.0
OBSTETRIC PROCEDURES		653	100.0		625	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY		653	100.0		625	100.0
CONGENITAL ANOMALIES OF FETUS		653	100.0		625	100.0
UNDERLYING CAUSE OF DEATH		653	100.0		625	100.0

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 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	534			520		
GESTATION						
CLINICAL ESTIMATE		-	*		-	*
AS COMPUTED		32	6.0		31	6.0
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		10	*		10	*
NUMBER OF VISITS		10	*		10	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		11	*		11	*
MOTHER						
MARITAL STATUS		2	*		2	*
EDUCATION		89	16.7		85	16.3
HISPANIC ORIGIN		534	100.0		520	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		-	*		-	*
BORN LIVE, NOW DEAD		-	*		-	*
OTHER TERMINATIONS		2	*		2	*
FATHER						
RACE		128	24.0		124	23.8
AGE		106	19.9		101	19.4
EDUCATION		172	32.2		167	32.1
HISPANIC ORIGIN		534	100.0		520	100.0
MEDICAL RISK FACTORS		534	100.0		520	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		534	100.0		520	100.0
ALCOHOL USE DURING PREGNANCY		534	100.0		520	100.0
WEIGHT GAIN DURING PREGNANCY		534	100.0		520	100.0
OBSTETRIC PROCEDURES		534	100.0		520	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY		534	100.0		520	100.0
CONGENITAL ANOMALIES OF FETUS		534	100.0		520	100.0
UNDERLYING CAUSE OF DEATH		534	100.0		520	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	734			714		
GESTATION						
CLINICAL ESTIMATE		7	*		7	*
AS COMPUTED		103	14.0		101	14.1
COMBINED		3	*		3	*
PLACE OF DELIVERY		2	*		2	*
PRENATAL CARE						
MONTH BEGAN		90	12.3		86	12.0
NUMBER OF VISITS		110	15.0		105	14.7
FETUS						
SEX ¹		6	*			*
BIRTH WEIGHT		21	2.9		18	*
MOTHER						
MARITAL STATUS		734	100.0		714	100.0
EDUCATION		123	16.8		120	16.8
HISPANIC ORIGIN		115	15.7		112	15.7
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		4	*		3	*
BORN LIVE, NOW DEAD		5	*		4	*
OTHER TERMINATIONS		9	*		8	*
FATHER						
RACE		185	25.2		179	25.1
AGE		254	34.6		246	34.5
EDUCATION		256	34.9		250	35.0
HISPANIC ORIGIN		249	33.9		243	34.0
MEDICAL RISK FACTORS		19	*		18	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		77	10.5		74	10.4
ALCOHOL USE DURING PREGNANCY		84	11.4		81	11.3
WEIGHT GAIN DURING PREGNANCY ..		264	36.0		254	35.6
OBSTETRIC PROCEDURES		11	*		10	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		30	4.1		29	4.1
CONGENITAL ANOMALIES OF FETUS		35	4.8		34	4.8
UNDERLYING CAUSE OF DEATH		734	100.0		714	100.0

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 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	356			340		
GESTATION						
CLINICAL ESTIMATE		3	*		3	*
AS COMPUTED		33	9.3		29	8.5
COMBINED		1	*		1	*
PLACE OF DELIVERY		1	*		1	*
PRENATAL CARE						
MONTH BEGAN		20	5.6		19	*
NUMBER OF VISITS		24	6.7		23	6.8
FETUS						
SEX ¹		3	*		-	*
BIRTH WEIGHT		13	*		8	*
MOTHER						
MARITAL STATUS		41	11.5		37	10.9
EDUCATION		36	10.1		33	9.7
HISPANIC ORIGIN		10	*		9	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		7	*		6	*
BORN LIVE, NOW DEAD		9	*		8	*
OTHER TERMINATIONS		7	*		6	*
FATHER						
RACE		57	16.0		52	15.3
AGE		72	20.2		67	19.7
EDUCATION		77	21.6		72	21.2
HISPANIC ORIGIN		64	18.0		59	17.4
MEDICAL RISK FACTORS		31	8.7		30	8.8
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		42	11.8		40	11.8
ALCOHOL USE DURING PREGNANCY		45	12.6		41	12.1
WEIGHT GAIN DURING PREGNANCY		129	36.2		118	34.7
OBSTETRIC PROCEDURES		24	6.7		23	6.8
COMPLICATIONS OF LABOR AND/OR DELIVERY		36	10.1		33	9.7
CONGENITAL ANOMALIES OF FETUS		57	16.0		53	15.6
UNDERLYING CAUSE OF DEATH		356	100.0		340	100.0

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 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	495			478		
GESTATION						
CLINICAL ESTIMATE		8	*		6	*
AS COMPUTED		68	13.7		68	14.2
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		49	9.9		47	9.8
NUMBER OF VISITS		73	14.7		70	14.6
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		21	4.2		21	4.4
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		44	8.9		41	8.6
HISPANIC ORIGIN		3	*		2	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		12	*		12	*
BORN LIVE, NOW DEAD		21	4.2		19	*
OTHER TERMINATIONS		16	*		15	*
FATHER						
RACE		291	58.8		280	58.6
AGE		330	66.7		317	66.3
EDUCATION		330	66.7		316	66.1
HISPANIC ORIGIN		305	61.6		293	61.3
MEDICAL RISK FACTORS		20	4.0		20	4.2
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		36	7.3		35	7.3
ALCOHOL USE DURING PREGNANCY		38	7.7		37	7.7
WEIGHT GAIN DURING PREGNANCY ..		178	36.0		171	35.8
OBSTETRIC PROCEDURES		9	*		9	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		16	*		16	*
CONGENITAL ANOMALIES OF FETUS		30	6.1		27	5.6
UNDERLYING CAUSE OF DEATH		495	100.0		478	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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			511		
GESTATION						
CLINICAL ESTIMATE		6	*		6	*
AS COMPUTED		53	10.1		53	10.4
COMBINED		4	*		4	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		60	11.4		58	11.4
NUMBER OF VISITS		61	11.6		60	11.7
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		12	*		10	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		77	14.7		76	14.9
HISPANIC ORIGIN		3	*		3	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		4	*		4	*
BORN LIVE, NOW DEAD		4	*		4	*
OTHER TERMINATIONS		5	*		5	*
FATHER						
RACE		229	43.6		221	43.2
AGE		264	50.3		256	50.1
EDUCATION		259	49.3		251	49.1
HISPANIC ORIGIN		230	43.8		222	43.4
MEDICAL RISK FACTORS		2	*		2	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		15	*		15	*
ALCOHOL USE DURING PREGNANCY		17	*		17	*
WEIGHT GAIN DURING PREGNANCY ..		113	21.5		110	21.5
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		2	*		2	*
CONGENITAL ANOMALIES OF FETUS		9	*		9	*
UNDERLYING CAUSE OF DEATH		525	100.0		511	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	77			75		
GESTATION						
CLINICAL ESTIMATE		1	*		1	*
AS COMPUTED		8	*		8	*
COMBINED		1	*		1	*
PLACE OF DELIVERY		2	*		2	*
PRENATAL CARE						
MONTH BEGAN		2	*		2	*
NUMBER OF VISITS		4	*		4	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		3	*		3	*
MOTHER						
MARITAL STATUS		1	*		1	*
EDUCATION		2	*		2	*
HISPANIC ORIGIN		2	*		2	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		-	*		-	*
BORN LIVE, NOW DEAD		-	*		-	*
OTHER TERMINATIONS		-	*		-	*
FATHER						
RACE		3	*		3	*
AGE		6	*		5	*
EDUCATION		6	*		5	*
HISPANIC ORIGIN		6	*		5	*
MEDICAL RISK FACTORS		2	*		2	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		5	*		5	*
ALCOHOL USE DURING PREGNANCY		5	*		5	*
WEIGHT GAIN DURING PREGNANCY ..		9	*		9	*
OBSTETRIC PROCEDURES		2	*		2	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		1	*		1	*
CONGENITAL ANOMALIES OF FETUS		1	*		1	*
UNDERLYING CAUSE OF DEATH		77	100.0		75	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	154			154		
GESTATION						
CLINICAL ESTIMATE		-	*		-	*
AS COMPUTED		7	*		7	*
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		1	*		1	*
NUMBER OF VISITS		1	*		1	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		6	*		6	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		6	*		6	*
HISPANIC ORIGIN		7	*		7	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		-	*		-	*
BORN LIVE, NOW DEAD		-	*		-	*
OTHER TERMINATIONS		1	*		1	*
FATHER						
RACE		14	*		14	*
AGE		20	13.0		20	13.0
EDUCATION		22	14.3		22	14.3
HISPANIC ORIGIN		22	14.3		22	14.3
MEDICAL RISK FACTORS		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		1	*		1	*
ALCOHOL USE DURING PREGNANCY		1	*		1	*
WEIGHT GAIN DURING PREGNANCY		13	*		13	*
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		-	*		-	*
CONGENITAL ANOMALIES OF FETUS		-	*		-	*
UNDERLYING CAUSE OF DEATH		154	100.0		154	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	149			138		
GESTATION						
CLINICAL ESTIMATE		9	*		8	*
AS COMPUTED		60	40.3		56	40.6
COMBINED		6	*		6	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		39	26.2		36	26.1
NUMBER OF VISITS		44	29.5		41	29.7
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		44	29.5		40	29.0
MOTHER						
MARITAL STATUS		149	100.0		138	100.0
EDUCATION		14	*		12	*
HISPANIC ORIGIN		3	*		3	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		25	16.8		23	16.7
BORN LIVE, NOW DEAD		25	16.8		23	16.7
OTHER TERMINATIONS		25	16.8		23	16.7
FATHER						
RACE		14	*		13	*
AGE		22	14.8		21	15.2
EDUCATION		28	18.8		26	18.8
HISPANIC ORIGIN		12	*		11	*
MEDICAL RISK FACTORS		40	26.8		37	26.8
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		57	38.3		51	37.0
ALCOHOL USE DURING PREGNANCY		63	42.3		57	41.3
WEIGHT GAIN DURING PREGNANCY ..		88	59.1		79	57.2
OBSTETRIC PROCEDURES		36	24.2		33	23.9
COMPLICATIONS OF LABOR AND/OR DELIVERY		50	33.6		47	34.1
CONGENITAL ANOMALIES OF FETUS		51	34.2		48	34.8
UNDERLYING CAUSE OF DEATH		149	100.0		138	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	93			88		
GESTATION						
CLINICAL ESTIMATE		-	*		-	*
AS COMPUTED		8	*		8	*
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		4	*		4	*
NUMBER OF VISITS		8	*		8	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		3	*		3	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		7	*		7	*
HISPANIC ORIGIN		21	22.6		19	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		1	*		1	*
OTHER TERMINATIONS		-	*		-	*
FATHER						
RACE		17	*		15	*
AGE		21	22.6		18	*
EDUCATION		25	26.9		23	26.1
HISPANIC ORIGIN		31	33.3		28	31.8
MEDICAL RISK FACTORS		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		3	*		3	*
ALCOHOL USE DURING PREGNANCY		2	*		2	*
WEIGHT GAIN DURING PREGNANCY		13	*		12	*
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		-	*		-	*
CONGENITAL ANOMALIES OF FETUS		-	*		-	*
UNDERLYING CAUSE OF DEATH		93	100.0		88	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	806			794		
GESTATION						
CLINICAL ESTIMATE		79	9.8		78	9.8
AS COMPUTED		158	19.6		158	19.9
COMBINED		52	6.5		52	6.5
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		184	22.8		179	22.5
NUMBER OF VISITS		163	20.2		158	19.9
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		177	22.0		175	22.0
MOTHER						
MARITAL STATUS		31	3.8		30	3.8
EDUCATION		164	20.3		161	20.3
HISPANIC ORIGIN		19	*		19	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		34	4.2		34	4.3
BORN LIVE, NOW DEAD		37	4.6		37	4.7
OTHER TERMINATIONS		44	5.5		44	5.5
FATHER						
RACE		63	7.8		61	7.7
AGE		158	19.6		155	19.5
EDUCATION		230	28.5		226	28.5
HISPANIC ORIGIN		71	8.8		69	8.7
MEDICAL RISK FACTORS		47	5.8		46	5.8
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		59	7.3		59	7.4
ALCOHOL USE DURING PREGNANCY		69	8.6		69	8.7
WEIGHT GAIN DURING PREGNANCY		371	46.0		365	46.0
OBSTETRIC PROCEDURES		41	5.1		41	5.2
COMPLICATIONS OF LABOR AND/OR DELIVERY		67	8.3		66	8.3
CONGENITAL ANOMALIES OF FETUS		72	8.9		70	8.8
UNDERLYING CAUSE OF DEATH		806	100.0		794	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	115			110		
GESTATION						
CLINICAL ESTIMATE		2	*		2	*
AS COMPUTED		25	21.7		23	20.9
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		6	*		6	*
NUMBER OF VISITS		11	*		10	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		9	*		7	*
MOTHER						
MARITAL STATUS		1	*		1	*
EDUCATION		43	37.4		41	37.3
HISPANIC ORIGIN		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		9	*		6	*
OTHER TERMINATIONS		4	*		4	*
FATHER						
RACE		41	35.7		40	36.4
AGE		57	49.6		56	50.9
EDUCATION		63	54.8		61	55.5
HISPANIC ORIGIN		41	35.7		40	36.4
MEDICAL RISK FACTORS		1	*		1	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		4	*		3	*
ALCOHOL USE DURING PREGNANCY		4	*		3	*
WEIGHT GAIN DURING PREGNANCY ..		42	36.5		39	35.5
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		1	*		1	*
CONGENITAL ANOMALIES OF FETUS		115	100.0		110	100.0
UNDERLYING CAUSE OF DEATH		115	100.0		110	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
NEW YORK	11,049			1,121		
GESTATION						
CLINICAL ESTIMATE		1,058	9.6		54	4.8
AS COMPUTED		1,251	11.3		140	12.5
COMBINED		519	4.7		30	2.7
PLACE OF DELIVERY		109	1.0		26	2.3
PRENATAL CARE						
MONTH BEGAN		4,797	43.4		290	25.9
NUMBER OF VISITS		4,733	42.8		266	23.7
FETUS						
SEX ¹		9,521	86.2		-	*
BIRTH WEIGHT		9,994	90.5		398	35.5
MOTHER						
MARITAL STATUS		11,049	100.0		1,121	100.0
EDUCATION		5,142	46.5		354	31.6
HISPANIC ORIGIN		1,385	12.5		94	8.4
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1,279	11.6		69	6.2
BORN LIVE, NOW DEAD		1,279	11.6		69	6.2
OTHER TERMINATIONS		2,568	23.2		253	22.6
FATHER						
RACE		5,494	49.7		376	33.5
AGE		6,791	61.5		552	49.2
EDUCATION		6,792	61.5		522	46.6
HISPANIC ORIGIN		8,180	74.0		759	67.7
MEDICAL RISK FACTORS		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		11,049	100.0		1,121	100.0
ALCOHOL USE DURING PREGNANCY		11,049	100.0		1,121	100.0
WEIGHT GAIN DURING PREGNANCY ..		7,743	70.1		474	42.3
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		-	*		-	*
CONGENITAL ANOMALIES OF FETUS		5,960	53.9		373	33.3
UNDERLYING CAUSE OF DEATH		11,049	100.0		1,121	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	14,561			2,023		
GESTATION						
CLINICAL ESTIMATE		1,271	8.7		68	3.4
AS COMPUTED		3,651	25.1		256	12.7
COMBINED		640	4.4		42	2.1
PLACE OF DELIVERY		32	0.2		2	*
PRENATAL CARE						
MONTH BEGAN		6,487	44.6		650	32.1
NUMBER OF VISITS		5,743	39.4		556	27.5
FETUS						
SEX ¹		11,937	82.0		-	*
BIRTH WEIGHT		11,024	75.7		497	24.6
MOTHER						
MARITAL STATUS		14,561	100.0		2,023	100.0
EDUCATION		7,786	53.5		931	46.0
HISPANIC ORIGIN		4,916	33.8		519	25.7
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		116	0.8		16	*
BORN LIVE, NOW DEAD		116	0.8		16	*
OTHER TERMINATIONS		116	0.8		16	*
FATHER						
RACE		10,355	71.1		1,231	60.9
AGE		12,075	82.9		1,384	68.4
EDUCATION		11,954	82.1		1,462	72.3
HISPANIC ORIGIN		11,646	80.0		1,368	67.6
MEDICAL RISK FACTORS		904	6.2		93	4.6
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		14,561	100.0		2,023	100.0
ALCOHOL USE DURING PREGNANCY		14,561	100.0		2,023	100.0
WEIGHT GAIN DURING PREGNANCY ..		11,922	81.9		1,346	66.5
OBSTETRIC PROCEDURES		2,601	17.9		225	11.1
COMPLICATIONS OF LABOR AND/OR DELIVERY		1,831	12.6		167	8.3
CONGENITAL ANOMALIES OF FETUS		14,561	100.0		2,023	100.0
UNDERLYING CAUSE OF DEATH		14,561	100.0		2,023	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	862			841		
GESTATION						
CLINICAL ESTIMATE		10	*		10	*
AS COMPUTED		97	11.3		97	11.5
COMBINED		6	*		6	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		39	4.5		39	4.6
NUMBER OF VISITS		33	3.8		33	3.9
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		47	5.5		42	5.0
MOTHER						
MARITAL STATUS		5	*		5	*
EDUCATION		36	4.2		36	4.3
HISPANIC ORIGIN		3	*		3	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		9	*		9	*
BORN LIVE, NOW DEAD		16	*		16	*
OTHER TERMINATIONS		15	*		15	*
FATHER						
RACE		376	43.6		364	43.3
AGE		399	46.3		387	46.0
EDUCATION		399	46.3		387	46.0
HISPANIC ORIGIN		378	43.9		366	43.5
MEDICAL RISK FACTORS		10	*		10	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		22	2.6		22	2.6
ALCOHOL USE DURING PREGNANCY		25	2.9		24	2.9
WEIGHT GAIN DURING PREGNANCY		147	17.1		142	16.9
OBSTETRIC PROCEDURES		11	*		10	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		12	*		12	*
CONGENITAL ANOMALIES OF FETUS		20	2.3		20	2.4
UNDERLYING CAUSE OF DEATH		862	100.0		841	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	61			60		
GESTATION						
CLINICAL ESTIMATE		1	*		1	*
AS COMPUTED		10	*		9	*
COMBINED		1	*		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		2	*		2	*
NUMBER OF VISITS		5	*		5	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		5	*		5	*
MOTHER						
MARITAL STATUS		1	*		1	*
EDUCATION		4	*		4	*
HISPANIC ORIGIN		5	*		5	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		1	*		1	*
OTHER TERMINATIONS		1	*		1	*
FATHER						
RACE		8	*		8	*
AGE		12	*		12	*
EDUCATION		12	*		12	*
HISPANIC ORIGIN		10	*		10	*
MEDICAL RISK FACTORS		3	*		3	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		8	*		8	*
ALCOHOL USE DURING PREGNANCY		10	*		10	*
WEIGHT GAIN DURING PREGNANCY ..		24	39.3		24	40.0
OBSTETRIC PROCEDURES		3	*		3	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		3	*		3	*
CONGENITAL ANOMALIES OF FETUS		3	*		3	*
UNDERLYING CAUSE OF DEATH		61	100.0		60	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	1,207			1,167		
GESTATION						
CLINICAL ESTIMATE		15	*		15	*
AS COMPUTED		236	19.6		228	19.5
COMBINED		12	*		12	*
PLACE OF DELIVERY						
		1	*		1	*
PRENATAL CARE						
MONTH BEGAN		102	8.5		100	8.6
NUMBER OF VISITS		150	12.4		148	12.7
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		99	8.2		95	8.1
MOTHER						
MARITAL STATUS		429	35.5		416	35.6
EDUCATION		130	10.8		127	10.9
HISPANIC ORIGIN		29	2.4		28	2.4
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		58	4.8		58	5.0
BORN LIVE, NOW DEAD		61	5.1		59	5.1
OTHER TERMINATIONS		62	5.1		61	5.2
FATHER						
RACE		160	13.3		154	13.2
AGE		209	17.3		203	17.4
EDUCATION		237	19.6		230	19.7
HISPANIC ORIGIN		158	13.1		151	12.9
MEDICAL RISK FACTORS						
		64	5.3		63	5.4
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		123	10.2		119	10.2
ALCOHOL USE DURING PREGNANCY		145	12.0		141	12.1
WEIGHT GAIN DURING PREGNANCY		402	33.3		388	33.2
OBSTETRIC PROCEDURES						
		76	6.3		74	6.3
COMPLICATIONS OF LABOR AND/OR DELIVERY						
		72	6.0		71	6.1
CONGENITAL ANOMALIES OF FETUS						
		103	8.5		102	8.7
UNDERLYING CAUSE OF DEATH						
		1,207	100.0		1,167	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
OKLAHOMA	371			363		
GESTATION						
CLINICAL ESTIMATE		371	100.0		363	100.0
AS COMPUTED		195	52.6		195	53.7
COMBINED		197	53.1		197	54.3
PLACE OF DELIVERY		6	*		6	*
PRENATAL CARE						
MONTH BEGAN		179	48.2		179	49.3
NUMBER OF VISITS		182	49.1		182	50.1
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		131	35.3		130	35.8
MOTHER						
MARITAL STATUS		111	29.9		111	30.6
EDUCATION		165	44.5		164	45.2
HISPANIC ORIGIN		371	100.0		363	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		170	45.8		170	46.8
BORN LIVE, NOW DEAD		170	45.8		170	46.8
OTHER TERMINATIONS		170	45.8		170	46.8
FATHER						
RACE		167	45.0		164	45.2
AGE		116	31.3		112	30.9
EDUCATION		201	54.2		198	54.5
HISPANIC ORIGIN		371	100.0		363	100.0
MEDICAL RISK FACTORS		371	100.0		363	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		371	100.0		363	100.0
ALCOHOL USE DURING PREGNANCY		371	100.0		363	100.0
WEIGHT GAIN DURING PREGNANCY		371	100.0		363	100.0
OBSTETRIC PROCEDURES		371	100.0		363	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY		371	100.0		363	100.0
CONGENITAL ANOMALIES OF FETUS		371	100.0		363	100.0
UNDERLYING CAUSE OF DEATH		371	100.0		363	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	213	-		207		
GESTATION						
CLINICAL ESTIMATE		1	*		1	*
AS COMPUTED		32	15.0		30	14.5
COMBINED		1	*		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		8	*		8	*
NUMBER OF VISITS		7	*		7	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		13	*		12	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		20	9.4		19	*
HISPANIC ORIGIN		2	*		2	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		3	*		3	*
OTHER TERMINATIONS		2	*		2	*
FATHER						
RACE		27	12.7		26	12.6
AGE		52	24.4		51	24.6
EDUCATION		46	21.6		44	21.3
HISPANIC ORIGIN		26	12.2		25	12.1
MEDICAL RISK FACTORS		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		10	*		10	*
ALCOHOL USE DURING PREGNANCY		13	*		13	*
WEIGHT GAIN DURING PREGNANCY		39	18.3		38	18.4
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		-	*		-	*
CONGENITAL ANOMALIES OF FETUS		-	*		-	*
UNDERLYING CAUSE OF DEATH		213	100.0		207	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	2,148			1,356		
GESTATION						
CLINICAL ESTIMATE		36	1.7		28	2.1
AS COMPUTED		367	17.1		195	14.4
COMBINED		32	1.5		32	2.4
PLACE OF DELIVERY		5	*		2	*
PRENATAL CARE						
MONTH BEGAN		209	9.7		113	8.3
NUMBER OF VISITS		229	10.7		130	9.6
FETUS						
SEX ¹		358	16.7		-	*
BIRTH WEIGHT		382	17.8		130	9.6
MOTHER						
MARITAL STATUS		52	2.4		35	2.6
EDUCATION		491	22.9		220	16.2
HISPANIC ORIGIN		77	3.6		48	3.5
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		25	1.2		19	*
BORN LIVE, NOW DEAD		34	1.6		22	1.6
OTHER TERMINATIONS		37	1.7		22	1.6
FATHER						
RACE		540	25.1		228	16.8
AGE		656	30.5		296	21.8
EDUCATION		680	31.7		313	23.1
HISPANIC ORIGIN		462	21.5		197	14.5
MEDICAL RISK FACTORS		83	3.9		37	2.7
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		213	9.9		96	7.1
ALCOHOL USE DURING PREGNANCY		268	12.5		126	9.3
WEIGHT GAIN DURING PREGNANCY		981	45.7		483	35.6
OBSTETRIC PROCEDURES		77	3.6		46	3.4
COMPLICATIONS OF LABOR AND/OR DELIVERY		94	4.4		45	3.3
CONGENITAL ANOMALIES OF FETUS		193	9.0		103	7.6
UNDERLYING CAUSE OF DEATH		2,148	100.0		1,356	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	1,038			104		
GESTATION						
CLINICAL ESTIMATE		11	*	-	-	*
AS COMPUTED		581	56.0		98	94.2
COMBINED		11	*		1	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		1,011	97.4		101	97.1
NUMBER OF VISITS		1,014	97.7		101	97.1
FETUS						
SEX ¹		932	89.8		-	*
BIRTH WEIGHT		952	91.7		23	22.1
MOTHER						
MARITAL STATUS		262	25.2		81	77.9
EDUCATION		1,012	97.5		102	98.1
HISPANIC ORIGIN		1,008	97.1		102	98.1
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		710	68.4		93	89.4
BORN LIVE, NOW DEAD		710	68.4		93	89.4
OTHER TERMINATIONS		717	69.1		93	89.4
FATHER						
RACE		1,009	97.2		101	97.1
AGE		885	85.3		45	43.3
EDUCATION		1,016	97.9		102	98.1
HISPANIC ORIGIN		1,014	97.7		102	98.1
MEDICAL RISK FACTORS		958	92.3		67	64.4
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		977	94.1		85	81.7
ALCOHOL USE DURING PREGNANCY		977	94.1		85	81.7
WEIGHT GAIN DURING PREGNANCY ..		1,002	96.5		94	90.4
OBSTETRIC PROCEDURES		962	92.7		63	60.6
COMPLICATIONS OF LABOR AND/OR DELIVERY		983	94.7		68	65.4
CONGENITAL ANOMALIES OF FETUS		995	95.9		86	82.7
UNDERLYING CAUSE OF DEATH		1,038	100.0		104	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	583			562		
GESTATION						
CLINICAL ESTIMATE		2	*		2	*
AS COMPUTED		50	8.6		49	8.7
COMBINED		2	*		2	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		28	4.8		26	4.6
NUMBER OF VISITS		27	4.6		25	4.4
FETUS						
SEX ¹		2	*		-	*
BIRTH WEIGHT		10	*		8	*
MOTHER						
MARITAL STATUS		1	*		1	*
EDUCATION		56	9.6		50	8.9
HISPANIC ORIGIN		7	*		7	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		2	*		2	*
BORN LIVE, NOW DEAD		2	*		2	*
OTHER TERMINATIONS		2	*		2	*
FATHER						
RACE		346	59.3		331	58.9
AGE		380	65.2		363	64.6
EDUCATION		369	63.3		352	62.6
HISPANIC ORIGIN		344	59.0		329	58.5
MEDICAL RISK FACTORS		11	*		9	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		26	4.5		22	3.9
ALCOHOL USE DURING PREGNANCY		26	4.5		23	4.1
WEIGHT GAIN DURING PREGNANCY ..		111	19.0		102	18.1
OBSTETRIC PROCEDURES		14	*		14	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		9	*		7	*
CONGENITAL ANOMALIES OF FETUS		21	3.6		20	3.6
UNDERLYING CAUSE OF DEATH		583	100.0		562	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	47			46		
GESTATION						
CLINICAL ESTIMATE		-	*		-	*
AS COMPUTED		2	*		2	*
COMBINED		-	*		-	*
PLACE OF DELIVERY		1	*		1	*
PRENATAL CARE						
MONTH BEGAN		-	*		-	*
NUMBER OF VISITS		-	*		-	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		-	*		-	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		-	*		-	*
HISPANIC ORIGIN		-	*		-	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		-	*		-	*
BORN LIVE, NOW DEAD		-	*		-	*
OTHER TERMINATIONS		-	*		-	*
FATHER						
RACE		8	*		7	*
AGE		8	*		7	*
EDUCATION		8	*		7	*
HISPANIC ORIGIN		8	*		7	*
MEDICAL RISK FACTORS		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		47	100.0		46	100.0
ALCOHOL USE DURING PREGNANCY		47	100.0		46	100.0
WEIGHT GAIN DURING PREGNANCY ..		6	*		5	*
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		-	*		-	*
CONGENITAL ANOMALIES OF FETUS		-	*		-	*
UNDERLYING CAUSE OF DEATH		47	100.0		46	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	424			422		
GESTATION						
CLINICAL ESTIMATE		6	*		6	*
AS COMPUTED		53	12.5		53	12.6
COMBINED		2	*		2	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		20	4.7		20	4.7
NUMBER OF VISITS		30	7.1		30	7.1
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		10	*		10	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		23	5.4		23	5.5
HISPANIC ORIGIN		3	*		3	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		1	*		1	*
OTHER TERMINATIONS		1	*		1	*
FATHER						
RACE		174	41.0		173	41.0
AGE		192	45.3		191	45.3
EDUCATION		191	45.0		190	45.0
HISPANIC ORIGIN		176	41.5		175	41.5
MEDICAL RISK FACTORS		2	*		2	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		10	*		10	*
ALCOHOL USE DURING PREGNANCY		10	*		10	*
WEIGHT GAIN DURING PREGNANCY ..		147	34.7		147	34.8
OBSTETRIC PROCEDURES		3	*		3	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		2	*		2	*
CONGENITAL ANOMALIES OF FETUS		3	*		3	*
UNDERLYING CAUSE OF DEATH		424	100.0		422	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	2,043			1,942		
GESTATION						
CLINICAL ESTIMATE		125	6.1		122	6.3
AS COMPUTED		363	17.8		344	17.7
COMBINED		82	4.0		82	4.2
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		218	10.7		204	10.5
NUMBER OF VISITS		234	11.5		219	11.3
FETUS						
SEX ¹		4	*		-	*
BIRTH WEIGHT		231	11.3		203	10.5
MOTHER						
MARITAL STATUS		2,043	100.0		1,942	100.0
EDUCATION		244	11.9		226	11.6
HISPANIC ORIGIN		3	*		2	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		49	2.4		46	2.4
BORN LIVE, NOW DEAD		56	2.7		50	2.6
OTHER TERMINATIONS		55	2.7		49	2.5
FATHER						
RACE		275	13.5		260	13.4
AGE		364	17.8		345	17.8
EDUCATION		509	24.9		481	24.8
HISPANIC ORIGIN		262	12.8		247	12.7
MEDICAL RISK FACTORS		287	14.0		270	13.9
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		249	12.2		237	12.2
ALCOHOL USE DURING PREGNANCY		282	13.8		270	13.9
WEIGHT GAIN DURING PREGNANCY		987	48.3		930	47.9
OBSTETRIC PROCEDURES		76	3.7		74	3.8
COMPLICATIONS OF LABOR AND/OR DELIVERY		127	6.2		121	6.2
CONGENITAL ANOMALIES OF FETUS		99	4.8		96	4.9
UNDERLYING CAUSE OF DEATH		2,043	100.0		1,942	100.0

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 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	244			234		
GESTATION						
CLINICAL ESTIMATE		1	*		1	*
AS COMPUTED		33	13.5		31	13.2
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		24	9.8		23	9.8
NUMBER OF VISITS		26	10.7		25	10.7
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		17	*		16	*
MOTHER						
MARITAL STATUS		6	*		6	*
EDUCATION		21	8.6		21	9.0
HISPANIC ORIGIN		5	*		5	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		3	*		3	*
BORN LIVE, NOW DEAD		3	*		3	*
OTHER TERMINATIONS		2	*		2	*
FATHER						
RACE		32	13.1		30	12.8
AGE		39	16.0		38	16.2
EDUCATION		47	19.3		46	19.7
HISPANIC ORIGIN		29	11.9		28	12.0
MEDICAL RISK FACTORS		12	*		12	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		15	*		14	*
ALCOHOL USE DURING PREGNANCY		15	*		14	*
WEIGHT GAIN DURING PREGNANCY ..		37	15.2		36	15.4
OBSTETRIC PROCEDURES		2	*		2	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		12	*		12	*
CONGENITAL ANOMALIES OF FETUS		47	19.3		46	19.7
UNDERLYING CAUSE OF DEATH		244	100.0		234	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	33			31		
GESTATION						
CLINICAL ESTIMATE		-	*		-	*
AS COMPUTED		2	*		2	*
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		3	*		3	*
NUMBER OF VISITS		5	*		5	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		4	*		3	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		5	*		4	*
HISPANIC ORIGIN		1	*		1	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		1	*		1	*
BORN LIVE, NOW DEAD		1	*		1	*
OTHER TERMINATIONS		-	*		-	*
FATHER						
RACE		4	*		4	*
AGE		5	*		5	*
EDUCATION		8	*		7	*
HISPANIC ORIGIN		3	*		3	*
MEDICAL RISK FACTORS		1	*		1	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		2	*		1	*
ALCOHOL USE DURING PREGNANCY		4	*		3	*
WEIGHT GAIN DURING PREGNANCY		11	*		10	*
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		-	*		-	*
CONGENITAL ANOMALIES OF FETUS		6	*		5	*
UNDERLYING CAUSE OF DEATH		33	100.0		31	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	8,282			723		
GESTATION						
CLINICAL ESTIMATE		651	7.9		5	*
AS COMPUTED		1,921	23.2		117	16.2
COMBINED		586	7.1		6	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		7,304	88.2		158	21.9
NUMBER OF VISITS		7,363	88.9		190	26.3
FETUS						
SEX ¹		7,276	87.9		-	*
BIRTH WEIGHT		7,526	90.9		191	26.4
MOTHER						
MARITAL STATUS		537	6.5		21	2.9
EDUCATION		5,262	63.5		258	35.7
HISPANIC ORIGIN		1,463	17.7		59	8.2
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		946	11.4		32	4.4
BORN LIVE, NOW DEAD		966	11.7		31	4.3
OTHER TERMINATIONS		983	11.9		38	5.3
FATHER						
RACE		8,282	100.0		723	100.0
AGE		8,282	100.0		723	100.0
EDUCATION		8,282	100.0		723	100.0
HISPANIC ORIGIN		8,282	100.0		723	100.0
MEDICAL RISK FACTORS		7,260	87.7		183	25.3
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		7,360	88.9		210	29.0
ALCOHOL USE DURING PREGNANCY		7,378	89.1		221	30.6
WEIGHT GAIN DURING PREGNANCY		7,767	93.8		402	55.6
OBSTETRIC PROCEDURES		7,281	87.9		184	25.4
COMPLICATIONS OF LABOR AND/OR DELIVERY		7,313	88.3		192	26.6
CONGENITAL ANOMALIES OF FETUS		7,412	89.5		247	34.2
UNDERLYING CAUSE OF DEATH		8,282	100.0		723	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	409			403		
GESTATION						
CLINICAL ESTIMATE		22	5.4		22	5.5
AS COMPUTED		125	30.6		124	30.8
COMBINED		17	*		17	*
PLACE OF DELIVERY		1	*		1	*
PRENATAL CARE						
MONTH BEGAN		64	15.6		64	15.9
NUMBER OF VISITS		98	24.0		97	24.1
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		51	12.5		49	12.2
MOTHER						
MARITAL STATUS		11	*		11	*
EDUCATION		93	22.7		92	22.8
HISPANIC ORIGIN		19	*		18	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		-	*		-	*
BORN LIVE, NOW DEAD		-	*		-	*
OTHER TERMINATIONS		-	*		-	*
FATHER						
RACE		63	15.4		61	15.1
AGE		107	26.2		104	25.8
EDUCATION		120	29.3		118	29.3
HISPANIC ORIGIN		54	13.2		53	13.2
MEDICAL RISK FACTORS		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		67	16.4		67	16.6
ALCOHOL USE DURING PREGNANCY		118	28.9		118	29.3
WEIGHT GAIN DURING PREGNANCY		219	53.5		217	53.8
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		-	*		-	*
CONGENITAL ANOMALIES OF FETUS		-	*		-	*
UNDERLYING CAUSE OF DEATH		409	100.0		403	100.0

¹ * NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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			171		
GESTATION						
CLINICAL ESTIMATE		-	*		-	*
AS COMPUTED		12	*		12	*
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		16	*		16	*
NUMBER OF VISITS		18	*		18	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		7	*		7	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		14	*		14	*
HISPANIC ORIGIN		1	*		1	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		-	*		-	*
BORN LIVE, NOW DEAD		-	*		-	*
OTHER TERMINATIONS		-	*		-	*
FATHER						
RACE		33	19.3		33	19.3
AGE		38	22.2		38	22.2
EDUCATION		47	27.5		47	27.5
HISPANIC ORIGIN		32	18.7		32	18.7
MEDICAL RISK FACTORS		-	*		-	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		17	*		17	*
ALCOHOL USE DURING PREGNANCY		18	*		18	*
WEIGHT GAIN DURING PREGNANCY ..		70	40.9		70	40.9
OBSTETRIC PROCEDURES		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		1	*		1	*
CONGENITAL ANOMALIES OF FETUS		1	*		1	*
UNDERLYING CAUSE OF DEATH		171	100.0		171	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	409			399		
GESTATION						
CLINICAL ESTIMATE		2	*		2	*
AS COMPUTED		31	7.6		31	7.8
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		3	*		3	*
NUMBER OF VISITS		4	*		4	*
FETUS						
SEX ¹		1	*		-	*
BIRTH WEIGHT		7	*		7	*
MOTHER						
MARITAL STATUS		1	*		1	*
EDUCATION		8	*		7	*
HISPANIC ORIGIN		1	*		1	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING		-	*		-	*
BORN LIVE, NOW DEAD		-	*		-	*
OTHER TERMINATIONS		-	*		-	*
FATHER						
RACE		159	38.9		156	39.1
AGE		166	40.6		163	40.9
EDUCATION		161	39.4		158	39.6
HISPANIC ORIGIN		159	38.9		156	39.1
MEDICAL RISK FACTORS		3	*		3	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		1	*		1	*
ALCOHOL USE DURING PREGNANCY		1	*		1	*
WEIGHT GAIN DURING PREGNANCY ..		23	5.6		22	5.5
OBSTETRIC PROCEDURES		3	*		3	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		3	*		3	*
CONGENITAL ANOMALIES OF FETUS		8	*		8	*
UNDERLYING CAUSE OF DEATH		409	100.0		399	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1993. (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	35			35		
GESTATION						
CLINICAL ESTIMATE		-	*		-	*
AS COMPUTED		2	*		2	*
COMBINED		-	*		-	*
PLACE OF DELIVERY		-	*		-	*
PRENATAL CARE						
MONTH BEGAN		-	*		-	*
NUMBER OF VISITS		-	*		-	*
FETUS						
SEX ¹		-	*		-	*
BIRTH WEIGHT		3	*		3	*
MOTHER						
MARITAL STATUS		-	*		-	*
EDUCATION		1	*		1	*
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		-	*		-	*
ALCOHOL USE DURING PREGNANCY		1	*		1	*
WEIGHT GAIN DURING PREGNANCY ..		8	*		8	*
OBSTETRIC PROCEDURES		1	*		1	*
COMPLICATIONS OF LABOR AND/OR DELIVERY		-	*		-	*
CONGENITAL ANOMALIES OF FETUS		-	*		-	*
UNDERLYING CAUSE OF DEATH		35	100.0		35	100.0

¹ NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION
 * FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 14

NUMBER AND PERCENT OF FETAL DEATHS WITH SPECIFIC CHECKBOX ITEMS REPORTED BY PLACE OF RESIDENCE FOR THE UNITED STATES, 1993

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED
MEDICAL RISK FACTORS FOR THIS PREGNANCY						
ANEMIA	67,318	1,210	1.8	26,515	871	3.3
CARDIAC DISEASE	67,318	314	0.5	26,515	165	0.6
ACUTE OR CHRONIC LUNG DISEASE	67,318	411	0.6	26,515	220	0.8
DIABETES	67,318	919	1.4	26,515	744	2.8
GENITAL HERPES	65,297	171	0.3	24,598	137	0.6
HYDRAMINOS/OLIGOHYDRAMINOS	67,318	1,273	1.9	26,515	1,201	4.5
HEMOGLOBINOPATHY	67,318	509	0.8	26,515	500	1.9
HYPERTENSION, CHRONIC	67,318	793	1.2	26,515	587	2.2
HYPERTENSION, PREGNANCY-ASSOCIATED	67,318	1,148	1.7	26,515	1,061	4.0
ECLAMPSIA	67,318	161	0.2	26,515	157	0.6
INCOMPETENT CERVIX	67,318	896	1.3	26,515	690	2.6
PREVIOUS INFANT 4000+ GRAMS	56,381	286	0.5	25,364	275	1.1
PREVIOUS PRETERM OR SMALL-FOR-GESTATIONAL-AGE INFANT	67,318	894	1.3	26,515	750	2.8
RENAL DISEASE	67,318	241	0.4	26,515	213	0.8
RH SENSITIZATION	67,043	463	0.7	26,245	367	1.4
UTERINE BLEEDING	65,297	6,365	9.7	24,598	1,179	4.8

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

FETAL DEATH DOCUMENTATION TABLE 14

NUMBER AND PERCENT OF FETAL DEATHS WITH SPECIFIC CHECKBOX ITEMS REPORTED BY PLACE OF RESIDENCE FOR THE UNITED STATES, 1993

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED
OBSTETRIC PROCEDURES						
AMNIOCENTESIS	67,318	2,016	3.0	26,515	1,807	6.8
ELECTRONIC FETAL MONITORING	67,318	7,742	11.5	26,515	6,972	26.3
INDUCTION OF LABOR	67,318	8,120	12.1	26,515	7,023	26.5
STIMULATION OF LABOR	67,318	2,486	3.7	26,515	1,976	7.5
TOCOLYSIS	67,318	835	1.2	26,515	765	2.9
ULTRASOUND	67,318	30,797	45.7	26,515	14,244	53.7

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

FETAL DEATH DOCUMENTATION TABLE 14

NUMBER AND PERCENT OF FETAL DEATHS WITH SPECIFIC CHECKBOX ITEMS REPORTED BY PLACE OF RESIDENCE FOR THE UNITED STATES, 1993

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED
COMPLICATIONS OF LABOR AND/OR DELIVERY						
FEBRILE	67,318	1,394	2.1	26,515	1,158	4.4
MECONIUM, MODERATE/HEAVY	67,318	1,291	1.9	26,515	1,275	4.8
PREMATURE RUPTURE OF MEMBRANE	67,318	2,448	3.6	26,515	1,984	7.5
ABRUPTIO PLACENTA	67,318	2,369	3.5	26,515	2,100	7.9
PLACENTA PREVIA	67,318	303	0.5	26,515	254	1.0
OTHER EXCESSIVE BLEEDING	67,318	687	1.0	26,515	441	1.7
SEIZURES DURING LABOR	67,318	54	0.1	26,515	46	0.2
PRECIPITOUS LABOR	67,318	358	0.5	26,515	331	1.2
PROLONGED LABOR	67,318	212	0.3	26,515	203	0.8
DYSFUNCTIONAL LABOR	67,318	210	0.3	26,515	196	0.7
BREECH/MALPRESENTATION	67,318	3,241	4.8	26,515	3,004	11.3
CEPHALOPELVIC DISPROPORTION	65,297	121	0.2	24,598	117	0.5
CORD PROLAPSE	67,318	596	0.9	26,515	534	2.0
ANESTHETIC COMPLICATIONS	65,297	36	0.1	24,598	9	*
FETAL DISTRESS	65,297	653	1.0	24,598	605	2.5

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

* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 14

NUMBER AND PERCENT OF FETAL DEATHS WITH SPECIFIC CHECKBOX ITEMS REPORTED BY PLACE OF RESIDENCE FOR THE UNITED STATES, 1993

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED
METHOD OF DELIVERY						
VAGINAL	67,318	45,478	67.6	26,515	22,236	83.9
VAGINAL BIRTH AFTER PREVIOUS C-SECTION	67,318	1,027	1.5	26,515	815	3.1
PRIMARY C-SECTION	67,318	1,748	2.6	26,515	1,698	6.4
REPEAT C-SECTION	67,318	730	1.1	26,515	717	2.7
FORCEPS	67,318	5,548	8.2	26,515	485	1.8
VACUUM	67,318	2,611	3.9	26,515	353	1.3
HYSTEROTOMY/HYSTERECTOMY	37,128	171	0.5	18,612	104	0.6

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

FETAL DEATH DOCUMENTATION TABLE 14

NUMBER AND PERCENT OF FETAL DEATHS WITH SPECIFIC CHECKBOX ITEMS REPORTED BY PLACE OF RESIDENCE FOR THE UNITED STATES, 1993

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS ¹	NUMBER REPORTED	PERCENT REPORTED
CONGENITAL ANOMALIES OF FETUS						
ANENCEPHALUS	52,906	389	0.7	24,430	353	1.4
SPINA BIFIDA/MENINGOCELE	52,906	180	0.3	24,430	155	0.6
HYDROCEPHALUS	52,906	261	0.5	24,430	245	1.0
MICROCEPHALUS	52,906	41	0.1	24,430	40	0.2
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES	52,906	201	0.4	24,430	176	0.7
HEART MALFORMATIONS	52,906	318	0.6	24,430	306	1.3
OTHER CIRCULATORY/RESPIRATORY ANOMALIES	52,906	182	0.3	24,430	169	0.7
RECTAL ATRESIA/STENOSIS	52,906	34	0.1	24,430	34	0.1
TRACHEO ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA	52,906	32	0.1	24,430	31	0.1
OMPHALOCELE/GASTROSCHISIS	52,906	186	0.4	24,430	156	0.6
OTHER GASTROINTESTINAL ANOMALIES ..	52,906	103	0.2	24,430	92	0.4
MALFORMED GENITALIA	52,906	89	0.2	24,430	84	0.3
RENAL AGENESIS	52,906	111	0.2	24,430	107	0.4
OTHER UROGENITAL ANOMALIES	52,906	137	0.3	24,430	120	0.5
CLEFT LIP/PALATE	52,906	173	0.3	24,430	167	0.7
POLYDACTYLY/SYNDACTYLY/ADACTYLY ..	52,906	137	0.3	24,430	133	0.5
CLUB FOOT	52,906	146	0.3	24,430	139	0.6
DIAPHRAGMATIC HERNIA	52,906	27	0.1	24,430	26	0.1
OTHER MUSCULOSKETAL/INTEGUMENTAL ANOMALIES	52,906	281	0.5	24,430	252	1.0
DOWN'S SYNDROME	52,906	209	0.4	24,430	180	0.7
OTHER CHROMOSOMAL ANOMALIES	52,906	424	0.8	24,430	400	1.6

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

1993 ADDENDUM TO "TECHNICAL APPENDIX" OF VITAL STATISTICS OF THE UNITED STATES, 1991, 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, 1991, 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 1993 data year. Those modifications, which will appear in the printed version of the 1993 technical appendix, include the following:

I. Sources of data

State-coded medical data:

1993

Alabama
Connecticut
Nevada
Oregon
South Dakota

1992

Montana

For 1993 of the States in the VSCP, 37 States submitted precoded medical data for all death certificates on computer tape. In addition, Maine, Montana, North Dakota, 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 13 VSCP States, New York City, and the District of Columbia submitted copies of the original certificates from which NCHS coded the medical data

For 1993 approximately 75 percent of the nation's death records were multiple-cause coded using MICAR. In addition to the eight States which implemented MICAR in 1991 and 1992 (Arkansas, Florida, Georgia, Indiana, Maryland, New Hampshire, Vermont and, Washington), 20 additional States implemented MICAR beginning with 1993 data. NCHS continued to expand the use of MICAR to code at least a portion of the death records from the following States: Arizona, Hawaii, Illinois, Kentucky, Missouri, New Jersey, New Mexico, Ohio, Oklahoma, Rhode Island, Tennessee, Utah, West Virginia, New York City, and the District of Columbia. The remaining 25 percent 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 1993.

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) or race not stated were assigned to the specified race of the previous record.

B. Hispanic origin.

Data for 1993 were obtained from the District of Columbia and all States except Oklahoma, which was excluded because the death certificates did not include an item to identify Hispanic or ethnic origin.

For 1993 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 49 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 49 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 2.1 and the percent of live births of unknown origin was 1.3 for the 49 States and the District of Columbia for 1993 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 (1).

In 1990 the 49 States and the District of Columbia accounted for about 99.6 percent of the Hispanic population in the United States, including about 99.5

percent of the Mexican population, 99.8 percent of the Puerto Rican population, 99.9 percent of the Cuban population, and 99.7 percent of the "Other Hispanic" population (2).

C. Educational attainment.

Mortality data on educational attainment for 1993 in VSUS table 1-45 are based on deaths to residents of 45 States and the District of Columbia. Data for four States (Georgia, Oklahoma, Rhode Island, and South Dakota) are excluded from this table because their death certificates did not include an educational attainment item and for New York, data are excluded because the education item on the death certificate for New York City 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 43 States and the District of Columbia whose data were at least 80 percent complete on a place-of-occurrence basis. Data for 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 1993 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	New Mexico
Georgia	North Carolina
Hawaii	Ohio
Idaho	Oklahoma
Indiana	Rhode Island
Kansas	South Carolina
Kentucky	Utah
Maine	Vermont
Nevada	West Virginia
New Hampshire	Wisconsin
New Jersey	

Data for 1993 were coded using the **REVISED** NCHS Part 19 instruction manual (3) and also, the 1990 occupation and industry titles and three-digit codes were used to code the 1993 data. The titles and the corresponding three-digit codes are listed in the 1990 Census of Population and Housing(4).

Occupation and industry mortality data for 1984-92 were based on the 1980 Bureau of the Census occupation and industry classifications. For a listing of the changes between the 1980 and the 1990 classification systems, see Appendix D of the NCHS Part 19 instruction manual(3).

In addition to the codes shown in Census publication(4), the following special codes were created:

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

The 1993 occupation and industry mortality data will not appear in Vital Statistics of the United States, 1993.

E. Injury at work.

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

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

The 1993 injury at work mortality data will not appear in Vital Statistics of the United States, 1993.

III. Population bases for computing rates:

The population used for computing death rates (furnished by the U.S. Bureau of the Census) represents the population residing in the specified area. Death rates for 1993 are based on population estimates as of July 1, 1993 (5,6). 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 (7).

References

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4. U.S. Bureau of the Census: Classified index of industries and occupations. 1990 Census of Population and Housing. Washington: U.S. Department of Commerce. 1992.
5. U.S. Bureau of the Census: United States population estimates, by age, sex, race, and Hispanic origin: 1993. Census file RES0793. 1995.
6. U.S. Bureau of the Census: Unpublished estimates for 1993, by State.
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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 MENSES BEGAN (Month, Day, Year)
18. MONTH OF PREGNANCY PRENATAL CARE BEGAN—First, Second, Third, etc. (Specify)
19. PRENATAL VISITS—Total Number (If none so state)
20. WEIGHT OF FETUS (Specify Unit)
21. CLINICAL ESTIMATE OF GESTATION (Weeks)
22a. PLURALITY—Single, Twin, Triplet, etc. (Specify)
22b. IF NOT SINGLE BIRTH—Born First, Second, Third, etc (Specify)
23a. MEDICAL RISK FACTORS FOR THIS PREGNANCY (Check all that apply)
24. OBSTETRIC PROCEDURES (Check all that apply)
25. 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.
28. PART II. Other significant conditions of fetus or mother contributing to fetal death but not resulting in the underlying cause given in Part I.
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 Males) LIVE BIRTH(S)

FETAL DEATH(S)

DEPARTMENT OF HEALTH AND HUMAN SERVICES - NATIONAL CENTER FOR HEALTH STATISTICS - 1988 REVISION

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SOURCES OF DATA

Death and fetal-death statistics

Mortality statistics for 1991 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 Commonwealth of the Northern Marianas.

The Virgin Islands were admitted to the registration area for deaths in 1924; Puerto Rico, in 1932; and Guam, in 1970. Tabulations of death statistics for Puerto Rico and the Virgin Islands were regularly shown in 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 have provided NCHS, via the Vital Statistics Cooperative Program (VSCP), computer tapes of data coded according to NCHS specifications. The year in which State-coded demographic data were first transmitted on computer tape to NCHS is shown below for each of the States, New York City, Puerto Rico, and the District of Columbia, all of which now furnish demographic or nonmedical data on tape.

1971

Florida

1977

Alaska

Idaho

Massachusetts

New York City

Ohio

Puerto Rico

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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 1991 are based on information obtained directly by NCHS from copies of the original certificates received from the registration offices.

In 1974 States began coding medical (cause-of-death) data on computer tapes according to NCHS specifications. The year in which State-coded medical data were first transmitted to NCHS is shown below for the 31 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 that were added in 1988. In 1991 Delaware, Idaho, Maine, North Dakota, Vermont, and Wyoming contracted with a private company to provide NCHS precoded medical data. Kansas continued to

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

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	1991	Arkansas

For 1991 and previous years except 1972, NCHS coded the medical information from copies of the original certificates received from the registration offices for all deaths occurring in those States that were not furnishing NCHS with medical data coded according to NCHS specifications. For 1981 and 1982, these procedures were modified because of a coding and processing backlog resulting from personnel and budgetary restrictions. To produce the mortality files on a timely basis with reduced resources, NCHS used State-coded underlying cause-of-death information supplied by 19 States for 50 percent of the records; for the other 50 percent of the records for these States as well as for 100 percent of the records for the remaining 21 registration areas, NCHS coded the medical information. Mortality statistics for 1972 were based on information obtained from a 50-percent sample of death records instead of from all records as in other years. The sample resulted from personnel and budgetary restrictions. Sampling variation associated with the 50-percent sample is described in "Estimates of errors arising from 50-percent sample for 1972."

Fetal-death data are obtained directly from copies of original reports of fetal deaths received by NCHS except for New York (excluding New York City), which submitted State-coded data in 1991.

For 1991 approximately 26 percent (573,416) of the Nation's death records were multiple cause coded using Mortality Medical Indexing,

Classification, and Retrieval System (MICAR). Arkansas, Florida, Indiana, and Washington implemented MICAR on at least a portion of their in 1991 data. NCHS expanded the use of MICAR to code at least a portion of the records from the following States: Alabama, Connecticut, Hawaii, Kentucky, Missouri, Montana, Nevada, New Mexico, Ohio, Oregon, Rhode Island, South Dakota, Tennessee, Utah, and, West Virginia as well as the District of Columbia and New York City. The remainder of the national file was processed by either NCHS or the State using only the Automated Classification Medical Entities system. (See sections "Automated selection of underlying cause of death" and "Medical items on the death certificate.")

Standard certificates and reports

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

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

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 on January 1, 1989. The U.S. Standard Certificate of Death and the U.S. Standard Report of Fetal Death are shown in figures 7-A and 7-B, respectively (1).

Among the major changes 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.

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 1991 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.

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 1991, this difference amounted to 3,542 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 for 1964 and 1965, deaths of nonresidents of the United States occurring in the United States were treated as deaths of residents of the exact place of occurrence, which in most instances was

an urban area. In 1964 and 1965, deaths of nonresidents of the United States occurring in the United States were allocated as deaths of residents of the balance of the county in which they occurred.

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

A comparison of the results of this study of deaths with those for a previous matched record study of births (5) showed that the quality of residence data had improved considerably between 1950 and 1960. Both studies found that events in urban areas were overstated by the NCHS classification in comparison with the U.S. Bureau of the Census classification. The magnitude of the difference was substantially less for deaths in 1960 than it was for births in 1950.

The improvement is attributed to an item added in 1956 to the U.S. Standard Certificates of Birth and of Death, asking whether residence was inside or outside city limits. This new item aided in properly allocating the residence of persons living near cities but outside the corporate limits.

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 (RMSA'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.

Outside the New England States, an MSA has either a city with a population of at least 50,000 or a U.S. Bureau of the Census urbanized area of at least 50,000 and a total MSA population of at least 100,000. A PMSA consists of a large urbanized county or cluster of counties that demonstrate very strong internal economic and social links and has a population over 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 New England States, the U.S. Office of Management and Budget uses towns and cities rather than counties as geographic components of MSA's and PMSA's. However, NCHS cannot use this classification for these States because its data are not coded to identify all towns. Instead, NCHS uses New England County Metropolitan Areas (NECMA's). Made up of county units, these areas are established by the U.S. Office of Management and Budget (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 1991, 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 New England, New York, and Wisconsin and each township in Michigan, New Jersey, and Pennsylvania that had no incorporated municipality as a subdivision and had either 25,000 inhabitants or more, or a population of 10,000 to 25,000 and a density of 1,000 persons or more per square mile.
- . Each county in States other than those indicated above that had no incorporated municipality within its boundary and had a density of 1,000 persons or more per square mile. (Arlington County, Virginia, is the only county classified as urban under this rule.)
- . Each place in Hawaii with a population of 10,000 or more. (There are no incorporated cities in the State.)

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

State or country of birth

Mortality statistics by State or country of birth (table 1-36) became available beginning with 1979. State or country of birth of a decedent is assigned to 1 of the 50 States or the District of Columbia; or to Puerto Rico, the Virgin Islands, or Guam--if specified on the death certificate. The place of birth is also tabulated for Canada, Cuba, Mexico, and for the Remainder of the World. Deaths for which information on State or country of birth was unknown, not stated, or not classifiable accounted for a small proportion of all deaths in 1991, about 0.6 percent.

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

Age

The age recorded on the death record is the age at last birthday. 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 in 1991, deaths are classified by race--white, black, American Indian, Chinese, Hawaiian, Japanese, Filipino, Other Asian or Pacific Islander, and Other. Mortality data for Filipino and Other Asian or Pacific Islander were shown for the first time in 1979.

The white category includes, in addition to persons reported as white, those reported as Mexican, Puerto Rican, Cuban, and all other Caucasians. The American Indian category includes American, Alaskan, Canadian, Eskimo, and Aleut. If the racial entry on the death certificate indicates a mixture of Hawaiian and any other race, the entry is coded to Hawaiian. If the race is given as a mixture of white and any other race, the entry is coded to the appropriate nonwhite race. If a mixture of races other than white is given (except Hawaiian), the entry is coded to the first race listed. This procedure for coding the first race listed has been used since 1969. Before 1969, if the entry for race was a mixture of black and any other race except Hawaiian, the entry was coded to black.

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

Race not stated--For 1991 the number of death records for which race was unknown, not stated, or not classifiable was 5,609 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 in use in the beginning of 1962. The item was restored during the latter part of 1962. However, the certificate revision without the race item was used for most of 1962 as well as 1963. Therefore, figures by race for 1962 and 1963 exclude New Jersey. For 1964 6.8 percent of the death records used for residents of New Jersey did not contain the race item.

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

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

In one study a sample of approximately 340,000 death certificates was compared with census records for a 4-month period in 1960 (10). Percent agreement was 99.8 percent for white decedents, and 98.2 percent for black decedents; but less for the smaller minority groups (table A). In another study 29,713 death certificates were compared with responses to the race questions from a total of 12 CPS's conducted by the U.S. Bureau of the Census for the years 1979-85 (11). In this study, entitled the National Longitudinal Mortality Study, 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 NCHS, listed a question about the race of decedents 25 years old and over. The total sample was 18,733 decedents (12). 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 (11) examined the reliability of Hispanic origin reported on 43,520 death certificates with that reported on a total of 12 CPS's conducted by the U.S. Bureau of the Census for the years 1979-1985. 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.

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 1991 were obtained from the District of Columbia and all States except 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 1991 mortality data in tables 1-37 and 2-24 are based on deaths to residents of all 48 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 47 States, New York (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. Data for 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 this geographic area for which Hispanic origin was not stated or was unknown. Because New York City accounts for about a third of the deaths to Puerto Ricans, the resulting mortality data may not be comparable with previous years. New Hampshire and Oklahoma were excluded because their death certificates did not have an Hispanic or ancestry item.

Data in tables 2-25 - 2-28 are based on deaths to residents of the same 47 States, New York (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 47 States, New York (excluding New York City), and the District of Columbia for which general mortality data are shown in this report accounted for about 91 percent of the Hispanic population in the United States in 1990. This included about 99 percent of the Mexican population, 63 percent of the Puerto Rican population, 94 percent of the Cuban population, and 83 percent of the "Other Hispanic" population (13). 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."

Connecticut--For deaths occurring in Connecticut in 1991, a number of deaths were erroneously coded. For Mexicans there should have been 7 deaths, not 318 deaths; and for Puerto Ricans, there should have been 371 deaths, not 215 deaths. As a result, the number of deaths for the 47 States, New York (excluding New York City), and the District of Columbia for Mexicans should be about 1 percent less and the number for Puerto Ricans should be about 3 percent more 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. (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 (14). 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 2,116,483 resident deaths 15 years of age and over in 1991, 10,103 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 revisions of the U.S. Standard Certificate of Death (1), this item was added to the certificates of a

large number of States:

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

Mortality data on educational attainment for 1991 (table 1-45) are based on deaths to residents of 44 States, New York State (excluding New York City), and the District of Columbia. Data for five States--Georgia, Oklahoma, Rhode Island, South Dakota, and Washington--are excluded from this table because their death certificates did not include an educational attainment item, and data for New York City 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 30 States, New York (excluding New York City), and the District of Columbia whose data were at least 90 percent complete on a place-of-occurrence basis. The 30 States are Alabama, Arizona, California, Colorado, Delaware, Florida, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, New Hampshire, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, Texas, Utah, Vermont, Wisconsin, and Wyoming. Data for Alaska, Arkansas, Connecticut, Kentucky, Maine, Maryland, Mississippi, Nevada, New Jersey, New Mexico, North Carolina, Tennessee, Virginia, and West Virginia are excluded because more than 10 percent of their death certificates were classified to "unknown educational attainment."

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 1991 data were obtained from the following two items appearing on the revised U.S. Standard Certificate of Death (1):

- o Item 9a. Place of Death (check only one)
Hospital: Inpatient, ER/Outpatient, DOA
Other: Nursing Home, Residence, Other (specify)
- o Item 9b. Facility Name (If not institution, give street and number)

Before the 1989 revision of the Standard Certificate of Death, information on place of death and status of decedent could be determined if hospital or institution indicated Inpatient, Outpatient, ER, 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 and 1990. 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 for 1980, the coding of 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 5 months of data year 1989, California coded "residence" to "other" for "Place of death."

Mortality by month and date of death

Deaths by month have been tabulated regularly and published in the annual volume for each year beginning with data year 1900. For 1991, deaths by month are shown in tables 1-20, 1-21, 1-24, 1-33, 2-16-2-18, and 3-7.

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

Numbers of deaths by date of death in this volume are shown in table 1-33 for the total number of deaths and for the numbers of deaths for the following three causes, for which the greatest interest in date of occurrence of death has been expressed: Motor vehicle accidents, Suicide, and Homicide and legal intervention.

These data show the frequency distribution of deaths for the selected causes by day of week. They also make it possible to identify holidays with peak numbers of deaths from specified causes.

Report of autopsy

Before 1972 the last year for which autopsy data were tabulated was 1958. Beginning in 1972 all registration areas requested information on the death certificate as to whether an autopsy was performed. For 1991 autopsies were reported on 233,707 death certificates, 10.8 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 from 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 (Shigellosis and amebiasis; 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 6.9 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" (15).

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

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

Tabulation lists--Beginning with data year 1979, the cause-of-death statistics published by NCHS have been classified according to the Ninth Revision of the International Classification of Diseases (ICD-9) (15). 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 in ICD-9 allows countries to construct their mortality and morbidity tabulation lists from the rubrics of the WHO Basic Tabulation List (BTL) if the rubrics from the WHO mortality and morbidity lists, respectively, are included. This tabulation system for the Ninth Revision is more flexible than that of the Eighth Revision, in which specific lists were recommended for tabulating mortality and morbidity data.

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

Five lists of causes have been developed for tabulation and publication of mortality data in this volume--the Each-Cause List, List of 282 Selected Causes of Death, List of 72 Selected Causes of Death, List of 61 Selected Causes of Infant Death, and List of 34 Selected Causes of Death. These lists were designed to be as comparable as

possible with the NCHS lists more recently used under the Eighth Revision. However, complete comparability could not always be achieved.

The Each-Cause List is made up of each three-digit category of the WHO Detailed List to which deaths may be validly assigned and most four-digit subcategories. The list is used for tabulation for the entire United States. The published Each-Cause table does not show the four-digit subcategories provided for Motor vehicle accidents (E810-E825); however, these subcategories that identify persons injured are shown in the accident tables of this report (section 5). Special fifth-digit subcategories also are used in the accident tables to identify place of accident when deaths from nontransport accidents are shown. These are not shown in the Each-Cause table.

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

The List of 72 Selected Causes of Death was constructed by combining titles in the List of 282 Selected Causes of Death. It is used in tables published for the United States, and each State, and for 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 (HIV) 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 (15). For a discussion of each of the classifications used with death statistics since 1900, see Vital Statistics of the United States, 1979, Volume II, Mortality, Part A, section 7, pages 9-14.

A dual coding study was undertaken in which the Ninth and the Eighth Revisions were compared to measure the extent of discontinuity in cause-of-death statistics resulting from introducing the new revision. A study for the List of 72 Selected Causes of Death and the List of 10 Selected Causes of Infant Death has been published (16). 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 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 asterisks 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 1991--The rules and instructions used in coding the 1991 mortality medical data remained essentially the same as those used for the 1989 and 1990 data.

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

A number of studies have been undertaken on the quality of medical certification on the death certificate. In general, these have been for relatively small samples and for limited geographic areas. A bibliography prepared by NCHS (17), 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 1991 as well as in 1990, 1.1 percent of all reported deaths in the United States, a record low, were assigned to this category. 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; and for 10-year age groups from 15 to 44 years since 1988. Between 1990 and 1991, the percent increased for all age groups, except for those 15-44 years and 55-64 years.

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 causes (multiple causes) on the death certificate. This system is called Automated Classification of Medical Entities (ACME) (18), the multiple cause codes serve as inputs to the computer software that employs WHO rules to select the underlying cause. Many States also have implemented ACME and provide multiple cause and underlying cause data to NCHS in electronic form.

Beginning with data year 1990, another computer system was implemented. This system, called "Mortality Medical Indexing, Classification, and Retrieval" (MICAR) (19,20), automates the coding of the multiple causes of death. The MICAR system is a major and logical step forward 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 death certificates than is available in the ICD classification (21). In the first year of implementation, only about 5 percent (94,372) of the Nation's death records were multiple cause coded using MICAR with subsequent processing through ACME. For 1991 approximately 26 percent (573,416) of the Nation's deaths were coded using MICAR. (See "Death and fetal-death statistics" and "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 (18,22,23).

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.

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

Maternal deaths

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

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

Under the Eighth Revision, maternal deaths were assigned to the category "Complications of pregnancy, childbirth, and the puerperium" (ICDA-8 Nos. 630-678). Although WHO did not define maternal mortality, an NCHS classification rule existed that limited the definition of a maternal death to a death that occurred within a year after termination of pregnancy from any "maternal cause," that is, any cause within the range of ICDA-8 Nos. 630-678. This rule applied only if a duration was given for the condition. If no duration was specified and the underlying cause of death was a maternal condition, the duration was assumed to be within a year and the death was coded by NCHS as a maternal death. The

change from an under-1-year limitation for duration used in the Eighth Revision to an under-42-days limitation used in the Ninth Revision did not have much effect on the comparability of maternal mortality statistics. However, comparability was affected by the following classification change: Under the Ninth Revision, maternal causes of death have been expanded to include Indirect obstetric causes (ICD-9 Nos. 647-648). These causes include Infective and parasitic conditions as well as other conditions present in the mother and classifiable elsewhere but that complicate pregnancy, childbirth, and the puerperium, such as Syphilis, Tuberculosis, Diabetes mellitus, Drug dependence, and Congenital cardiovascular disorders.

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

Race--Beginning with the 1989 data year, NCHS changed the method of tabulating live birth and fetal-death data by race from race of child to race of mother. This resulted in a discontinuity in maternal mortality rates by race between 1989-91 and previous years; see "Change in tabulation of race data for live births and fetal deaths" under "Infant deaths" in the Technical Appendix from Vital Statistics of the United States, 1990.

Infant deaths

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

Rates--Infant mortality rates 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 (24,25). 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 (26,27).

In contrast to infant mortality rates based on live births, infant death rates shown in section 1 are based on the estimated population under 1 year of age. Infant death rates, which appear in tabulations of age-specific death rates, are calculated by dividing the number of infant deaths in a calendar year by the estimated midyear population of persons under 1 year of age and are presented as rates per 100,000 population in this age group. Patterns and trends in the infant death rate may differ somewhat from those of the more commonly used "infant mortality rate," mainly because of differences in the nature of the denominator and in the time reference. 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 (27).

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. As in previous years, race for infant and maternal deaths (the numerator of the rate) is tabulated by the race of the decedent. Because live births comprise the denominator of infant and maternal mortality rates, this change resulted in a discontinuity in rates for 1989-91 data and in rates for previous years. For fetal and perinatal mortality rates, the numerator and the denominator of the rates are affected, resulting in a slightly smaller discontinuity. For additional information, see the Technical Appendix from Vital Statistics of the United States, 1990.

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 (28).

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 the race for an infant who died and was of a smaller minority race group is sometimes reported as white on the death certificate but is reported as the minority race group on the birth certificate, resulting, in the

aggregate, in understatement of infant mortality for smaller race groups (28).

Estimates can be made of the degree of bias in race-specific infant mortality rates by comparing rates for birth cohorts based on the newly available linked birth and infant death data set (29,30) 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 occurring 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 (see section "Hispanic origin") and numbers of resident live births by Hispanic origin of mother for the 47 States, New York (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 1991 was 1.6 percent and the percent of live births of unknown origin was 0.8 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 populations (especially Puerto Ricans) and non-Hispanic populations for 1991. Because the percent unknown origin for all ages for New York City was about 21 percent on a place-of-occurrence basis, infant mortality data for New York City were excluded from tables 2-22-2-25. The percent unknown origin on a place-of-residence basis for infant deaths for New York City for 1991 was about 30 percent (about 5 percent for live births). Also, because New York City accounted for about 31 percent of the live births to Puerto Ricans in the United States in 1991, excluding the data for New York City may have an impact on infant mortality rates for the Hispanic population, especially for Puerto Ricans. The effect of including and excluding infant deaths and live births for New York City on the infant mortality rates for the total area for 1990 are shown in table C of the Technical Appendix from Vital Statistics of the United States, 1990. The effect for 1991 would be similar.

In addition, as discussed above for specified races, period infant

mortality rates for specific Hispanic-origin groups tend to be underestimated when compared with rates based on the national linked birth and infant death data set as shown in table C. Comparisons also are affected by the approximate 2 percent of infant death records that are not linked to the corresponding birth records.

Caution should be exercised when generalizing from the ratios of cohort-to-period rates for 1986-87 with data for 1991, because the area for Hispanic data has expanded from 18 States and the District of Columbia in 1986-87 to 47 States, New York (excluding New York City), and the District of Columbia in 1991. 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 "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.")

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 (31).

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 (32). Puerto Rico has no formal definition.

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

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

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.

The 1977 revision of the Model State Vital Statistics Act and Model State Vital Statistics Regulations (33) 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 D shows the minimum period of gestation required by each State to report fetal death in 1991. Substantial evidence exists that indicates some fetal deaths for which reporting is required are not reported (34,35).

Underreporting of fetal deaths is most likely to occur in the earlier part of the required reporting period for each State (34). Thus, for States requiring reporting of all periods of gestation, fetal deaths occurring under 20 weeks of gestation are less completely reported; for States requiring reporting of fetal deaths of 20 weeks of gestation or more, fetal deaths occurring at 20-23 weeks of gestation are less completely reported. Thus, reporting of fetal deaths at 20-23 weeks of gestation may be more complete for those States that report fetal deaths at all periods of gestation than for others.

To maximize the comparability of data by year and by State, most of the tables 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 of gestation or more only. Beginning with 1969 fetal deaths of not stated gestation were excluded for States requiring reporting of all products of conception except for those with a stated birthweight of 500 grams or more. In 1991 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. Because of State changes concerning fetal-death registration in 1981 and 1984 (see Technical Appendix from Vital Statistics of the United States, 1990), the comparability of counts of early fetal deaths may be affected. In particular, counts of fetal deaths at 20 to 27 weeks for 1981-83 were not comparable between Arkansas and other reporting areas or with Arkansas data for 1984-91. It is believed that reporting has improved but is still not comparable with data for 1980 and earlier years.

Colorado--Although Colorado State law requires reporting fetal deaths of all periods of gestation, beginning in 1989 the State provides to NCHS only 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 fetal mortality rates for Maryland for 1989 relative to contiguous years shown in table 3-5.

New York City--As a result of local efforts to improve reporting, a combined total of 10,470 additional 1990 and 1991 fetal-death records were sent from New York City hospitals after the data files had been processed and tabulated. Most of these records are for fetal deaths under 20 weeks of gestation or not-stated gestation. The values in the tables, particularly table 3-1, that show fetal deaths for all periods of gestation exclude the additional deaths.

Revised Report of Fetal Death for 1989--

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

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

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

To improve data quality, beginning with data for 1989, NCHS instituted a new computer edit to check for consistency between gestation and birthweight (36). 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 in 1991, and all areas except California, Louisiana, Maryland, and Oklahoma reported physician's estimate of gestation.

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

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

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

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

The change in tabulation of race has resulted in a discontinuity in fetal mortality rates by race for data years 1989-91 relative to previous years; see "Change in tabulation of race data 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 1991 were obtained from 45 States and the District of Columbia; areas not supplying data were Louisiana, Maryland, Massachusetts, New Hampshire, and Oklahoma.

For 1991 fetal and perinatal mortality data in table 3-18 and 4-6 are for 45 States and the District of Columbia and tables 3-19 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, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Jersey, New Mexico, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, 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 83 percent of the Hispanic population in 1990, including 96 percent of the Mexican population, 45 percent of the Puerto Rican population, 88 percent of the Cuban population, and 71 percent of the "Other Hispanic" population (13). 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 live births and other terminations (including spontaneous fetal deaths and induced terminations of pregnancy) a woman has had, including the fetal death being recorded. For example, if a woman has given birth to two live babies and to one born dead, the next fetal death to occur is counted as number four in total-birth order.

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

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

Marital status--Table 3-3 shows fetal deaths and fetal mortality 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), and Texas. Because live births comprise the denominator of the rate, marital status must be reported for mothers of live births also. 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-death reports with marital status

not stated are shown as not stated in frequencies, but are proportionally distributed for rate computations into either the married or unmarried categories according to the percent of fetal-death reports with stated marital status that fall into each category for the reporting States. Before 1989 fetal-death reports with not-stated marital status were assigned to the married category. Because of this change, fetal-death frequencies and rates by marital status for 1989 through 1991 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).

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

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

Perinatal mortality

Perinatal definitions--Beginning with data year 1979, perinatal mortality data 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 under 7 days; Perinatal Definition II, which includes fetal deaths of 20 weeks' gestation or more and infant deaths under 28 days; and Perinatal Definition III, which includes fetal deaths of 20 weeks' gestation or more and infant deaths under 7 days.

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

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

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

Race--Beginning with the 1989 data year, NCHS changed the method of tabulating fetal death and live-birth data by race from race of 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 tabulation of race data for live births and fetal deaths" under "Infant deaths."

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

Quality of data

Completeness of registration

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

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

Massachusetts data

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

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 because of a processing error.

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 as shown in table E. Differences are concentrated among selected causes of death, principally Symptoms, signs, and ill-defined conditions (ICD-9 Nos. 780-799) and external causes.

Quality control procedures

Demographic items on the death certificate--As previously indicated, for 1991 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 1991 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 1991 was 0.25 percent.

These verification procedures involve controlling for two types of error (coding and entering into the data record tape) at the same time, and the error rates are a combined measure of both types. It may be assumed that the entering errors are randomly distributed across all items on the record, but this assumption cannot be made as readily for coding errors. Although systematic errors in coding infrequent events may escape detection during sample verification, it is probable 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 also are subject to quality control procedures to control for errors of both coding and data entry. Each of the 31 registration areas that furnished NCHS with coded medical information in 1991 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 31 reporting States, the average coding error rate in 1991 was estimated at just over 4 percent.

For the remaining 19 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 and 1991 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 1991 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 (37). 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.

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 1900-91 are shown in table 7-1. In addition, the population including Armed Forces abroad is shown for the United States. Table F lists the sources for these populations.

Population for 1991--The population of the United States estimated by age, race, and sex for 1991 is shown in table 7-2, and the population for each State by broad age groups follows in table 7-3. The 1991 estimates are comparable with those for 1990.

Population for 1990--In the 1980 and 1990 censuses, a substantial number of persons did not specify a racial group that could be classified as any of the white, black, American Indian, Eskimo, Aleut, Asian, or Pacific Islander categories on the census form (38). 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 (for example, Mexican and Puerto Rican) as their race. In 1980 and 1990, persons of unspecified race were allocated to one of the four tabulated racial groups (white, black, American Indian, Asian or Pacific Islander) based on their response to the Hispanic origin question. These four race categories conform with OMB Directive 15 and are more consistent with the race categories in vital statistics.

In 1980 the allocation of unspecified race was determined using cross-tabulations of age, sex, race, 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 or Pacific Islander based on proportions gleaned from sample data. The 20-percent sample (respondents who were enumerated on the longer census form) provided a highly detailed coding of race, which allowed identification of otherwise unidentifiable responses with a specified race category. Thus, allocation proportions were established at the State level and were used to distribute the non-Hispanic persons of "Other" race in the 100-percent tabulations.

In 1990 the race modification procedure was implemented using individual census records. Persons whose race could not be specified

were assigned to a racial category using a pool of "race donors" that consisted of persons of specified race who had the identical responses to the Hispanic origin question and who were within the auspices of the same census District office. As in the 1980 census, it appeared that the underlying assumption made in the 1990 census was that the Hispanic origin response was the major criterion for allocating race. Unlike those responding to the 1980 census who could be assigned only to the racial group white or black, persons of Hispanic origin, including 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 to 1979 minus year of birth.

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

Population estimates for 1981-89--Death rates in this volume for 1981-89 are based on revised populations that are consistent with the 1990 census level (38,39). They are, therefore, not comparable with death rates published in Vital Statistics of the United States for 1981-89, and in other NCHS publications for those years. The 1990 census counted approximately 1.5 million fewer persons than had been estimated earlier for April 1, 1990.

Populations for 1980--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. 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 (40). 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-5, Number 519. The data shown in table 1-10 for 1961-69 have not been revised.

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

New Jersey--As previously indicated, data by race are not available for New Jersey for 1962 and 1963. Therefore, for 1962 and 1963 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 (38). 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 (41). 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 (42-45). The reports for 1990 (unpublished data from the U.S. Bureau of the Census) include estimates of net underenumeration and overenumeration for age, sex, and racial subgroups of the national population modified for race consistency with previous

population counts as described in the section "Population bases." These studies indicate that, although coverage was improved over previous censuses, there was differential coverage among the population subgroups; that is, some age, race, and sex groups were more completely counted than others.

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

Age, race, and sex--If adjustments were made for net census undercount, the size of denominators of the death rates generally would increase and the rates, therefore, would decrease. The adjusted rates for 1991 can be computed by multiplying the reported rates by ratios of the census-level resident population to the resident population adjusted for the estimated net census undercount (table 7-4). A ratio of less than 1.0 indicates a net census undercount and, when applied, results in a corresponding decrease in the death rate. A ratio greater than 1.0-- indicating a net census overcount--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 G). For Diseases of the heart, the age-adjusted death rate for white males would decrease from 202.0 to 198.2 per 100,000 population, a decline of 2.0 percent. For black males, the change from an unadjusted rate of 275.9 to an adjusted rate of 256.7 would amount to a decrease of 7.0 percent. For HIV infection, the rate for black males would decrease from 44.2 to 39.0 and for white males from 15.0 to 14.4.

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

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

Age-adjusted death rates

Age-adjusted death rates are used to compare relative mortality risk across groups and over time. However, they should be viewed as constructs or indexes rather than as direct or actual measures of mortality risk. Statistically, they are weighted averages of the age-specific death rates, where the weights represent the fixed population proportions by age (46). The age-adjusted death rates presented in this volume were computed by the direct method, that is, by applying age-specific death rates for a given cause of death to the U.S. standard million population (relative age distribution of 1940 enumerated population of the United States totaling 1,000,000 (25)). By using the same standard population, the rates for the total population and for each race-sex group were adjusted separately. It is important not to compare age-adjusted death rates with crude rates. The U.S. standard million population is as follows:

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

Life tables

U.S. abridged life tables are constructed by reference to a standard table (47). Life tables for the decennial period 1979-81 are used as the standard life tables in constructing the 1980-91 abridged life tables. Life table values for 1981-89 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 (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 (48).

<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.

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 (49). 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 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)-----	*

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

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

¹ NLMS is defined as National Longitudinal Mortality Study.

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

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 group]

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.

Table C. 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 ¹	9.1	8.3	0.91
Non-Hispanic total ²	9.9	9.9	1.00
Non-Hispanic White	8.3	8.2	0.99
Non-Hispanic Black	17.5	17.7	1.01

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

²Includes races other than white and black.

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Table D. Period of gestation at which fetal-death reporting is required: Each reporting area, 1991

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

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Table E. Numbers of deaths and ratios of deaths for selected causes as tabulated by State of occurrence and NCHS, 1991
 [Data by place of occurrence include deaths of nonresidents. Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Causes	Alabama		Ratio	Alaska		Ratio	Hawaii		Ratio	New Jersey		Ratio
	NCHS	AL/NCHS	AK/NCHS	NCHS	HI/NCHS	NCHS	NJ/NCHS					
All causes.....	39,753	39,753	1.00	2,212	2,201	1.00	7,042	7,035	1.00	68,615	68,795	1.00
Symptoms, signs, and ill-defined conditions.....780-799	879	1,034	0.85	45	62	0.73	45	158	0.28	276	958	0.29
Accidents and adverse effectsE800-E949	2,210	2,215	1.00	380	387	0.98	296	298	0.99	1,957	1,921	1.02
Motor vehicle accidentsE810-E825	1,243	1,216	1.02	128	105	1.22	148	147	1.01	830	808	1.03
All other accidents and adverse effects.....E800-E807,E826-E949	967	999	0.97	252	282	0.89	148	151	0.98	1,114	1,113	1.00
Suicide.....E950-E959	571	534	1.07	108	74	1.46	129	110	1.17	572	498	1.15
Homicide and legal interventionE960-E978	603	580	1.04	53	45	1.18	50	48	1.04	431	404	1.07
All other external causes.....E980-E999	41	44	0.93	5	5	1.00	35	15	2.33	144	31	4.65

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Table F. Source for resident population and population including Armed Forces abroad:
 Birth- and death-registration States, 1900-32, and United States, 1900-91

Year	Source
1991.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 1095, 1993.
1990.....	U.S. Bureau of the Census, Unpublished data from the 1990 census. 1990 CPH-L-74 and unpublished data consistent with <u>Current Population Reports</u> , Series 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, PC80-1A1, United States Summary, 1983.</u>
1971-79.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 917, July 1982.
1970.....	U.S. Bureau of Census, <u>U.S. Census of Population: 1970, Number of Inhabitants, Final Report PC(1)-A1, United States Summary, 1971.</u>
1961-69.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 519, April 1974.
1960.....	U.S. Bureau of the Census, <u>U.S. Census of Population: 1960, Number of Inhabitants, PC (1)-A1, United States Summary, 1964.</u>
1951-59.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No.310, June 30, 1965.
1940-50.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 499, May 1973.
1930-39.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 499, May 1973, and National Office of Vital Statistics, <u>Vital Statistics Rates in the United States, 1900-1940, 1947.</u>
1920-29.....	National Office of Vital Statistics, <u>Vital Statistics Rates in the United States, 1900-1940, 1947.</u>
1917-19.....	Same as for 1930-39
1900-1916...	Same as for 1920-29

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

[Based on age-specific death rates per 100,000 population in specified group. Age-adjusted death rates per 100,000 U.S. standard million population. Numbers after causes of death are numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044. See section "Cause of Death"]

Race, sex, and adjustment for net census undercount	All causes	Human	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	Diseases		Cerebrovascular	Homicide
		immunodeficiency virus infection (*042-*044)		Diabetes mellitus (250)	of heart (390-398,402 404-429)	diseases (430-438)	and legal intervention (E960-E978)
All Races, Both Sexes							
Unadjusted	520.2	9.8	135.0	11.7	152.0	27.7	10.2
Adjusted	512.7	9.6	133.3	11.5	149.9	27.3	10.1
Male							
Unadjusted	680.2	17.7	166.3	12.3	206.7	30.2	16.3
Adjusted	664.3	17.0	162.4	12.1	202.1	29.6	15.9
Female							
Unadjusted	390.6	2.1	112.7	11.1	108.9	25.7	4.2
Adjusted	387.9	2.1	112.6	11.0	107.9	25.4	4.2
White, Both Sexes							
Unadjusted	492.8	8.0	131.5	10.4	146.9	25.5	5.9
Adjusted	485.9	7.8	129.9	10.2	145.0	25.2	5.7
Male							
Unadjusted	644.3	15.0	160.3	11.3	202.0	27.7	8.9
Adjusted	631.0	14.4	156.9	11.1	198.2	27.3	8.7
Female							
Unadjusted	369.9	1.1	111.2	9.5	103.1	23.8	2.8
Adjusted	367.0	1.0	110.8	9.5	102.2	23.5	2.7
Black, Both Sexes							
Unadjusted	789.2	25.7	182.0	24.8	213.5	48.4	39.5
Adjusted	760.0	23.9	177.0	24.1	207.2	46.9	37.4
Male							
Unadjusted	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
Female							
Unadjusted	581.6	9.9	137.2	25.4	168.1	42.7	13.0
Adjusted	579.4	9.7	138.4	25.7	168.2	42.7	12.7

