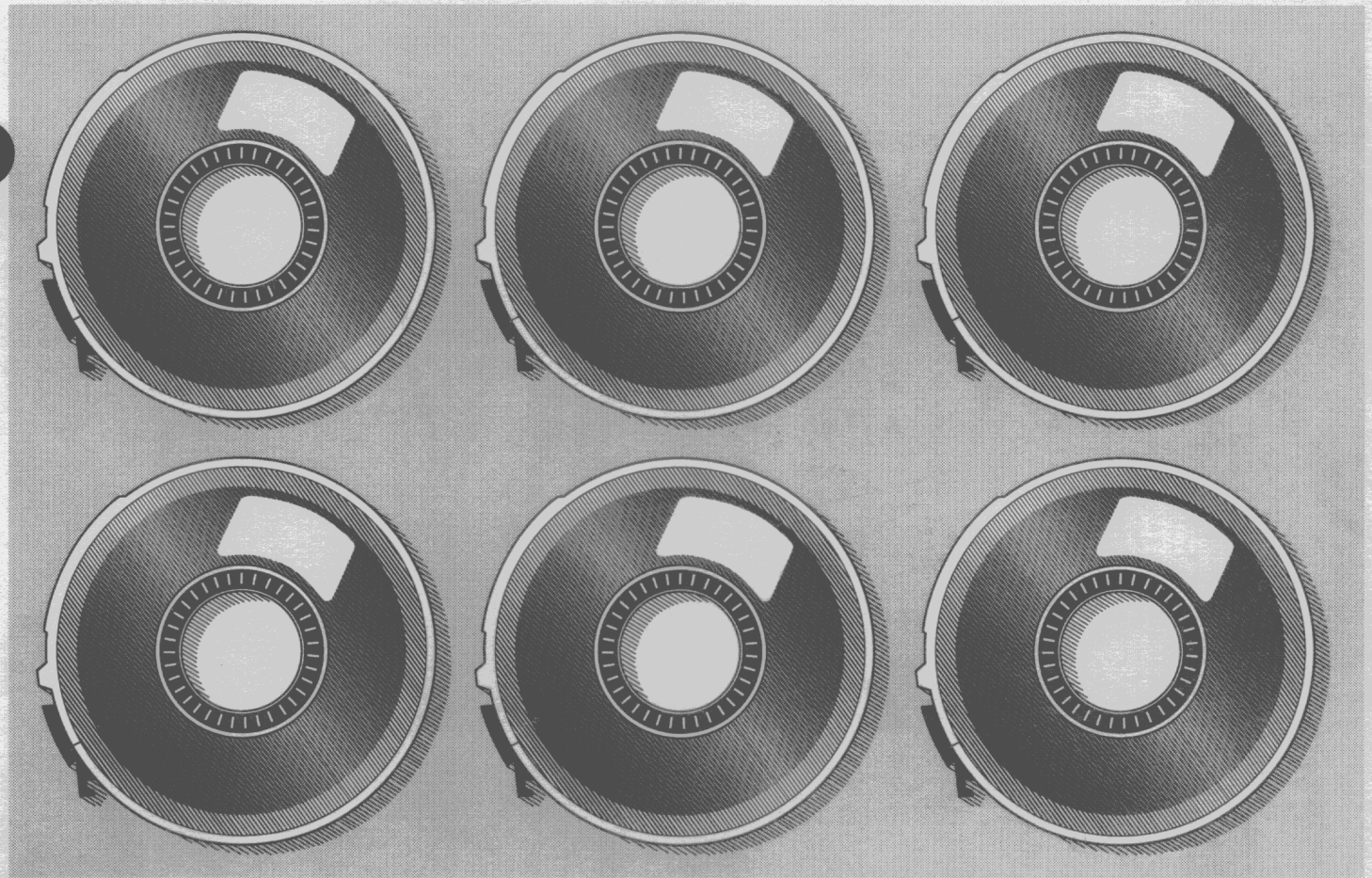


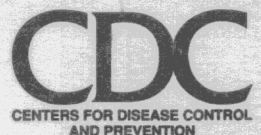
# Public Use Data Tape Documentation

1991 Detail Natality

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



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

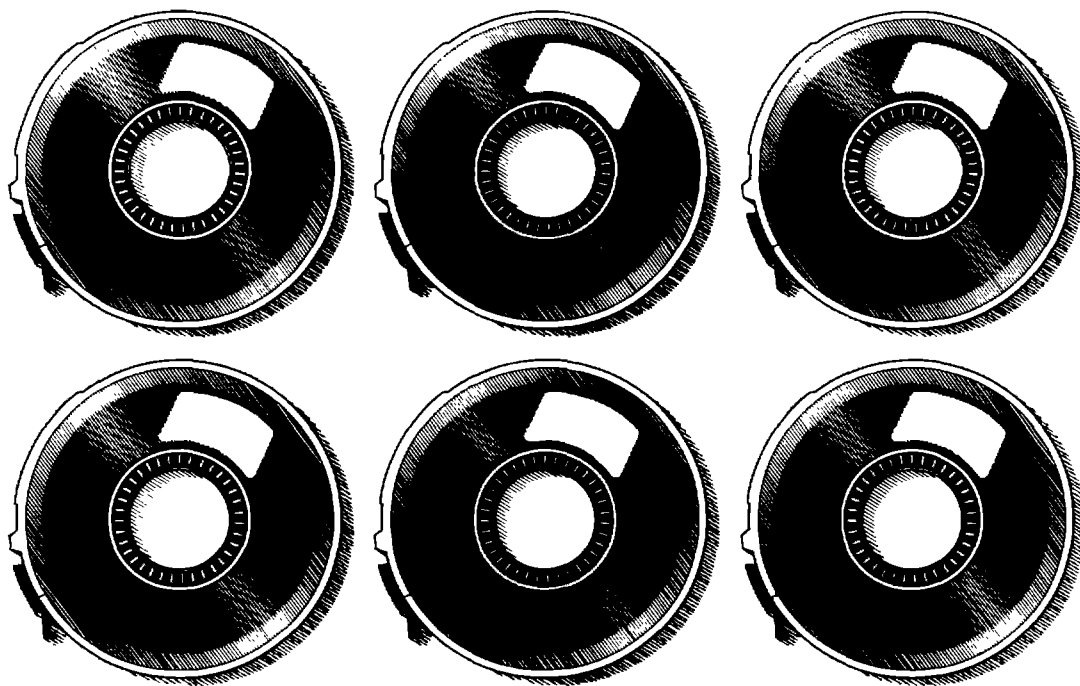


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# Public Use Data Tape Documentation

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1991 Detail Natality



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

Hyattsville, Maryland  
August 1993

## Public Use Data Tape Documentation - Natality Detail 1991 Data

This tape documentation was prepared in the Division of Vital Statistics. Virginia Brainard and Manju Sharma of the Systems and Programming Branch were responsible for developing the natality documentation and for providing all of the computer programming services necessary to keep it up-to-date. T.J. Mathews of the Natality, Marriage, and Divorce Statistics Branch prepared the Technical Appendix. The Registration Methods Branch and the Technical Services Branch provided consultation to State Vital Statistics offices regarding collection of birth certificate data.

Questions on the documentation or general questions concerning the natality file should be directed to the Systems and Programming Branch, Division of Vital Statistics, NCHS, 6525 Belcrest Road, Room 840, Hyattsville, MD 20782 (301-436-8900).

Questions concerning the Technical Appendix or substantive questions concerning the natality data should be directed to the Natality, Marriage, and Divorce Statistics Branch, Division of Vital Statistics, NCHS, 6525 Belcrest Road, Room 840, Hyattsville, MD 20782 (301-436-8954).

## Documentation of the Detail Natality Data File for 1991 Data

Since 1985 natality statistics for all States and the District of Columbia have been based on information from the total file of records. The information is received on computer data tapes coded by the States and provided to the National Center for Health Statistics (NCHS) through the Vital Statistics Cooperative Program. NCHS receives the data for this file from the registration offices of all States, the District of Columbia, and New York City.

Natality data for the United States are limited to births occurring within the United States to U.S. residents and nonresidents. Births to nonresidents of the United States are excluded from all tabulations by place of residence. Births occurring to U.S. citizens outside the United States are not included in this file.

Effective January 1, 1989, a revised U.S. Standard Certificate of Live Birth replaced the 1978 revision. The 1989 revision provides a wide variety of new information on maternal and infant health characteristics, representing a significant departure from previous versions in both content and format. For a more detailed discussion of the revised and new items refer to the technical appendix part of this document.

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 for the 1989 vital event files to prevent the inadvertent disclosure of individuals and institutions. As a result, the files for 1989 and later years do not contain the actual day of the birth or the dates of birth of the mother or father. 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 adapted for use by NCHS/DVS.
6. Documentation Tables 1-26.
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

Data Items	Tape Locations
1. General	
a. Data year	1-4
b. Record type	5
c. Resident status	6
2. Occurrence	
a. NCHS State	16-17
b. Expanded NCHS State	14-15
c. NCHS County	18-20
d. Population size - county	26
e. Division	12
f. Region	11
g. FIPS State	21-22
h. FIPS County	23-25
3. Residence	
a. NCHS State	32-33
b. Expanded NCHS State	30-31
c. NCHS County	34-36
d. NCHS City	37-39
e. Population size - city	40
f. Population size - county	58
g. NCHS MSA	347-349
h. Met/Nonmet county	41
i. Division	28
j. Region	27
k. FIPS State	42-43
l. FIPS County	44-46
m. CMSA	52-53
n. FIPS MSA	54-57
4. Prenatal Care	
a. Month began	106-109
b. Number of visits	110-113
c. Adequacy of care recode	93
5. Child	
a. Sex	188-189
b. Race	190-192
c. Number at delivery	201
d. Birthweight	193-199
e. Apgar score	202-207
f. Gestation	182-187, 208-209
g. Month/year of birth	172-173, 176-179
h. Day of week of birth	180

List of Data Elements and Tape Locations

Data Items	Tape Locations
6. Mother	
a. Age	69-76,91-92
b. Race	79-82
c. Marital status	86-87
d. Education	83-85
e. Place of birth	88-90
f. Hispanic origin	77-78
7. Pregnancy History	
a. Born alive, now living	94-95
b. Born alive, now dead	96-97
c. Other terminations	98-99
d. Total birth order	103-105
e. Live birth order	100-102
8. Father	
a. Age	154-157,166-167
b. Race	160-162
c. Education	163-165
d. Hispanic origin	158-159
9. Other Items	
a. Residence reporting flags	307-324
b. Attendant at birth	10
c. Place of delivery	8-9
d. Interval since last live birth	128-132
10. Medical and Health Data	
a. Method of delivery	217-224
b. Medical risk factors	225-241
c. Other risk factors	
Tobacco	242-245
Alcohol	246-249
Weight gain during pregnancy	250-252
d. Obstetric procedures	253-259
e. Complications of labor and/or delivery	260-275
f. Abnormal conditions of the newborn	276-284
g. Congenital anomalies	285-306

Machine/File/Data Characteristics:

1. Machine used:	IBM/3081/K
2. Language used:	PL/I
3. File organization:	One file, multiple reels
4. Record format:	Blocked, fixed format
5. Record count:	4,115,342
6. Record length:	350
7. Blocksize:	32550
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:	
	a. By occurrence: 4,115,342
	b. By residence: 4,110,907
	c. To foreign residents: 4,435



1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
1-4	4	<p><u>DATAYEAR</u> <u>Year of Birth of Child (Data Year)</u></p> <p>1991      ... 1991</p>
5	1	<p><u>RECTYPE</u> <u>Record Type</u></p> <p>1      ... Resident: State and county of occurrence and residence are the same.</p> <p>2      ... Nonresident: State and/or county of occurrence and residence are different.</p>
6	1	<p><u>RESTATUS</u> <u>Resident Status</u></p> <p>1      ... Resident: State and county of occurrence and residence are the same.</p> <p>2      ... Intrastate nonresident: State of occurrence and residence are the same, but county is different.</p> <p>3      ... Interstate nonresident: State of occurrence and residence are different, but both are in the U.S.</p> <p>4      ... Foreign resident: State of occurrence is one of the 50 States or the District of Columbia, but the residence of the mother is outside of the U.S.</p>
7	1	<p><u>RECWT</u> <u>Record Weight</u></p> <p>1      ... Constant - as of the 1985 data year, this file contains data on a 100-percent basis from all reporting areas.</p>
8	1	<p><u>PLDEL</u> <u>Place or Facility of Birth</u></p> <p>1      ... Hospital</p> <p>2      ... Freestanding Birthing Center</p> <p>3      ... Clinic or Doctor's Office</p> <p>4      ... A Residence</p> <p>5      ... Other</p> <p>9      ... Unknown or Not Stated</p>
9	1	<p><u>PLDEL3</u> <u>Place or Facility of Birth Recode</u></p> <p>1      ... In Hospital</p> <p>2      ... Not in a Hospital</p> <p>3      ... Unknown or Not Stated</p>
10	1	<p><u>BIRATTND</u> <u>Attendant at Birth</u></p> <p>1      ... Doctor of Medicine (M.D.)</p> <p>2      ... Doctor of Osteopathy (D.O.)</p> <p>3      ... Certified Nurse Midwife (C.N.M.)</p> <p>4      ... Other Midwife</p> <p>5      ... Other</p> <p>9      ... Unknown or Not Stated</p>

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
11-26	16	NOCCUR <u>Place of Occurrence</u>
11-13	3	RDSSCOCC <u>Region, Division, and State Subcode of Occurrence</u>
11	1	REGNOCC <u>Region of Occurrence</u>
12	1	DIVDCC <u>Division of Occurrence</u>
13	1	STSUBOCC <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
  3      ...  SOUTH
  5      ...  South Atlantic
    1      ...  Delaware
    2      ...  Maryland
    3      ...  District of Columbia
    4      ...  Virginia
    5      ...  West Virginia
    6      ...  North Carolina
    7      ...  South Carolina
    8      ...  Georgia
    9      ...  Florida
  6      ...  East South Central
    1      ...  Kentucky
    2      ...  Tennessee
    3      ...  Alabama
    4      ...  Mississippi
  7      ...  West South Central
    1      ...  Arkansas
    2      ...  Louisiana
    3      ...  Oklahoma
    4      ...  Texas

```

1991  
Detail Natality Record

Tape      Field  
Location Size    Item and Code Outline

13            1    STSUBOCC  
Region, Division, and State Subcode of Occurrence (Continued)

4            ... WEST  
8            ... Mountain  
1            ... Montana  
2            ... Idaho  
3            ... Wyoming  
4            ... Colorado  
5            ... New Mexico  
6            ... Arizona  
7            ... Utah  
8            ... Nevada  
9            ... Pacific  
1            ... Washington  
2            ... Oregon  
3            ... California  
4            ... Alaska  
5            ... Hawaii  
-

1991  
Detail Natality Record

<u>Tape</u>	<u>Field</u>	<u>Item and Code Outline</u>
<u>Location</u>	<u>Size</u>	
14-15	2	STNATEXP <u>Expanded State of Occurrence</u>

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

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

1991  
Detail Natality Record

Tape      Field  
Location Size    Item and Code Outline

16-17          2      STATENAT  
                                 State of Occurrence

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

18-20          3      CNTYNAT  
                                 County of Occurrence

001-nnn	...	Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State. (Note: To uniquely identify a county, both the State and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document.
999	...	County of less than 100,000 population

1991  
Detail Natality Record

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

21-25	5	FIPSOCC Federal Information Processing Standards (FIPS) Geographic Codes <u>(Occurrence)</u>
-------	---	----------------------------------------------------------------------------------------------------

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.

21-22	2	STOCCFIP <u>State of Occurrence (FIPS)</u>
-------	---	-----------------------------------------------

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

1991  
Detail Natality Record

Tape      Field  
Location Size    Item and Code Outline

23-25      3      CNTOCFIP  
                          County of Occurrence (FIPS)

          001-nnn    ... Counties and county equivalents (independent and  
                          coextensive cities) are numbered alphabetically within  
                          each State. (Note: To uniquely identify a county, both  
                          the State and county codes must be used.) A complete list  
                          of counties is shown in the Geographic Code Outline  
                          further back in this document.

          999      ... County of less than 100,000 population

26            1      CNTOCPOP  
                          Population Size of County of Occurrence

          Based on the results of the 1980 Census

          0            ... County of 1,000,000 or more  
          1            ... County of 500,000 to 1,000,000  
          2            ... County of 250,000 to 500,000  
          3            ... County of 100,000 to 250,000  
          9            ... County of less than 100,000

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
27-58	32	NRESID <u>Place of Residence</u>
27-29	3	RDSCRES <u>Region, Division, and State Subcode of Residence</u>
27	1	REGNRES <u>Region of Residence</u>
28	1	DIVRES <u>Division of Residence</u>
29	1	STSUBRES <u>State Subcode of Residence</u>

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

```

000      ... Foreign Residents
1        ...  NORTHEAST
  1      ...    New England
    1    ...      Maine
    2    ...      New Hampshire
    3    ...      Vermont
    4    ...      Massachusetts
    5    ...      Rhode Island
    6    ...      Connecticut
  2      ...    Middle Atlantic
    1    ...      New York
    2    ...      New Jersey
    3    ...      Pennsylvania
  2      ...    MIDWEST
  3      ...    East North Central
    1    ...      Ohio
    2    ...      Indiana
    3    ...      Illinois
    4    ...      Michigan
    5    ...      Wisconsin
  4      ...    West North Central
    1    ...      Minnesota
    2    ...      Iowa
    3    ...      Missouri
    4    ...      North Dakota
    5    ...      South Dakota
    6    ...      Nebraska
    7    ...      Kansas
  3      ...    SOUTH
  5      ...    South Atlantic
    1    ...      Delaware
    2    ...      Maryland
    3    ...      District of Columbia
    4    ...      Virginia
    5    ...      West Virginia
    6    ...      North Carolina
    7    ...      South Carolina
    8    ...      Georgia
    9    ...      Florida
  6      ...    East South Central
    1    ...      Kentucky
    2    ...      Tennessee
    3    ...      Alabama
    4    ...      Mississippi
  7      ...    West South Central
    1    ...      Arkansas
    2    ...      Louisiana
    3    ...      Oklahoma
    4    ...      Texas
  
```



1991  
Detail Natality Record

Tape      Field  
Location Size   Item and Code Outline

29            1      STSUBRES  
Region, Division, and State Subcode of Residence (Continued)

4            ... WEST  
8            ... Mountain  
1            ... Montana  
2            ... Idaho  
3            ... Wyoming  
4            ... Colorado  
5            ... New Mexico  
6            ... Arizona  
7            ... Utah  
8            ... Nevada  
9            ... Pacific  
1            ... Washington  
2            ... Oregon  
3            ... California  
4            ... Alaska  
5            ... Hawaii

1991  
Detail Natality Record

Tape      Field  
Location Size    Item and Code Outline

30-31      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
36	...	North Dakota
37	...	Ohio
38	...	Oklahoma
39	...	Oregon
40	...	Pennsylvania
41	...	Rhode Island
42	...	South Carolina
43	...	South Dakota
44	...	Tennessee
45	...	Texas
46	...	Utah
47	...	Vermont
48	...	Virginia
49	...	Washington
50	...	West Virginia
51	...	Wisconsin
52	...	Wyoming
53-58,60	...	Foreign residents
53	...	Puerto Rico
54	...	Virgin Islands
55	...	Guam
56	...	Canada
57	...	Cuba
58	...	Mexico
60	...	Remainder of the World

1991  
Detail Natality Record

<u>Tape</u>	<u>Field</u>	<u>Item and Code Outline</u>
<u>Location</u>	<u>Size</u>	
32-33	2	STATERES <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
		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

1991  
Detail Natality Record

Tape      Field  
Location Size    Item and Code Outline

34-36      3      CNTYRES  
County of Residence

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. (Note: To uniquely identify a county, both the State and county codes must be used.)  
999        ... County of less than 100,000 population  
ZZZ        ... Foreign residents

37-39      3      CITYRES  
City of Residence

A complete list of cities is shown in the Geographic Code Outline further back in this document.

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 State and city codes must be used. State, county and city codes may also be used.)  
999        ... Balance of county  
ZZZ        ... Foreign residents

40            1      CITRSPOP  
Population Size of City of Residence

Based on the results of the 1980 census

0            ... Place of 1,000,000 or more  
1            ... Place of 500,000 to 1,000,000  
2            ... Place of 250,000 to 500,000  
3            ... Place of 100,000 to 250,000  
9            ... Place of less than 100,000  
Z            ... Foreign residents

41            1      METRORES  
Metropolitan - Nonmetropolitan County of Residence

1            ... Metropolitan county  
2            ... Nonmetropolitan county  
Z            ... Foreign residents

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>																																																																																																								
42-57	16	<p>FIPSRES Federal Information Processing Standards (FIPS) Geographic Codes (Residence)</p> <hr/> <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>																																																																																																								
42-43	2	<p>STRESFIP <u>State of Residence (FIPS)</u></p> <table> <tr><td>00</td><td>... Foreign residents</td></tr> <tr><td>01</td><td>... Alabama</td></tr> <tr><td>02</td><td>... Alaska</td></tr> <tr><td>04</td><td>... Arizona</td></tr> <tr><td>05</td><td>... Arkansas</td></tr> <tr><td>06</td><td>... California</td></tr> <tr><td>08</td><td>... Colorado</td></tr> <tr><td>09</td><td>... Connecticut</td></tr> <tr><td>10</td><td>... Delaware</td></tr> <tr><td>11</td><td>... District of Columbia</td></tr> <tr><td>12</td><td>... Florida</td></tr> <tr><td>13</td><td>... Georgia</td></tr> <tr><td>15</td><td>... Hawaii</td></tr> <tr><td>16</td><td>... Idaho</td></tr> <tr><td>17</td><td>... Illinois</td></tr> <tr><td>18</td><td>... Indiana</td></tr> <tr><td>19</td><td>... Iowa</td></tr> <tr><td>20</td><td>... Kansas</td></tr> <tr><td>21</td><td>... Kentucky</td></tr> <tr><td>22</td><td>... Louisiana</td></tr> <tr><td>23</td><td>... Maine</td></tr> <tr><td>24</td><td>... Maryland</td></tr> <tr><td>25</td><td>... Massachusetts</td></tr> <tr><td>26</td><td>... Michigan</td></tr> <tr><td>27</td><td>... Minnesota</td></tr> <tr><td>28</td><td>... Mississippi</td></tr> <tr><td>29</td><td>... Missouri</td></tr> <tr><td>30</td><td>... Montana</td></tr> <tr><td>31</td><td>... Nebraska</td></tr> <tr><td>32</td><td>... Nevada</td></tr> <tr><td>33</td><td>... New Hampshire</td></tr> <tr><td>34</td><td>... New Jersey</td></tr> <tr><td>35</td><td>... New Mexico</td></tr> <tr><td>36</td><td>... New York</td></tr> <tr><td>37</td><td>... North Carolina</td></tr> <tr><td>38</td><td>... North Dakota</td></tr> <tr><td>39</td><td>... Ohio</td></tr> <tr><td>40</td><td>... Oklahoma</td></tr> <tr><td>41</td><td>... Oregon</td></tr> <tr><td>42</td><td>... Pennsylvania</td></tr> <tr><td>44</td><td>... Rhode Island</td></tr> <tr><td>45</td><td>... South Carolina</td></tr> <tr><td>46</td><td>... South Dakota</td></tr> <tr><td>47</td><td>... Tennessee</td></tr> <tr><td>48</td><td>... Texas</td></tr> <tr><td>49</td><td>... Utah</td></tr> <tr><td>50</td><td>... Vermont</td></tr> <tr><td>51</td><td>... Virginia</td></tr> <tr><td>53</td><td>... Washington</td></tr> <tr><td>54</td><td>... West Virginia</td></tr> <tr><td>55</td><td>... Wisconsin</td></tr> <tr><td>56</td><td>... Wyoming</td></tr> </table>	00	... Foreign residents	01	... Alabama	02	... Alaska	04	... Arizona	05	... Arkansas	06	... California	08	... Colorado	09	... Connecticut	10	... Delaware	11	... District of Columbia	12	... Florida	13	... Georgia	15	... Hawaii	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
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1991  
Detail Natality Record

Tape      Field  
Location Size    Item and Code Outline

44-46      3      CNTYRFIP  
County of Residence (FIPS)

001-nnn    ... Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State. (Note: To uniquely identify a county, both the State and county codes must be used.)

999        ... County of less than 100,000 population

000        ... Foreign residents

47-51      5      R1  
Reserved Positions

52-53      2      CMSA  
CMSA of Residence (FIPS)

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

54-57      4      SMSARFIP  
PMSA/MSA of Residence (FIPS)

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.

Further back in this document is a list of PMSA's, MSA's, NECMA's, and their component counties.

0000      ... Nonmetropolitan counties or foreign residents

0040-9360 ... Code range

9999      ... Area of less than 100,000 population

1991  
Detail Natality Record

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

58	1	CNTRSPQP <u>Population Size of County of Residence</u>
----	---	-----------------------------------------------------------

Based on the results of the 1980 Census.

0	... County of 1,000,000 or more
1	... County of 500,000 to 1,000,000
2	... County of 250,000 to 500,000
3	... County of 100,000 to 250,000
9	... County of less than 100,000
Z	... Foreign resident

59-67	9	RA <u>Reserved positions</u>
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68	1	MAGERFLG <u>Reported Age of Mother Used Flag</u>
----	---	-----------------------------------------------------

This position is flagged whenever the mother's reported age in years is used. The reported age is used, if valid, when age derived from date of birth is not available or when it is outside the 10-49 code range.

Blank	... Reported age is not used
1	... Reported age is used

69	1	MAGEIMP <u>Age of Mother Imputation Flag</u>
----	---	-------------------------------------------------

Blank	... Age is not imputed
1	... Age is imputed

70-71	2	DMAGE <u>Age of Mother</u>
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This item is: a) computed using dates of birth of mother and of child when available and if valid; b) reported and valid; or c) imputed. This is the age item used in NCHS publications.

10-49	... Age in single years
-------	-------------------------

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
72-73	2	MAGE36 <u>Age of Mother Single Years Recode 36</u>
		01 ... Under 15 years
		02 ... 15 years
		03 ... 16 years
		04 ... 17 years
		05 ... 18 years
		06 ... 19 years
		07 ... 20 years
		08 ... 21 years
		09 ... 22 years
		10 ... 23 years
		11 ... 24 years
		12 ... 25 years
		13 ... 26 years
		14 ... 27 years
		15 ... 28 years
		16 ... 29 years
		17 ... 30 years
		18 ... 31 years
		19 ... 32 years
		20 ... 33 years
		21 ... 34 years
		22 ... 35 years
		23 ... 36 years
		24 ... 37 years
		25 ... 38 years
		26 ... 39 years
		27 ... 40 years
		28 ... 41 years
		29 ... 42 years
		30 ... 43 years
		31 ... 44 years
		32 ... 45 years
		33 ... 46 years
		34 ... 47 years
		35 ... 48 years
		36 ... 49 years
74-75	2	MAGE12 <u>Age of Mother Recode 12</u>
		01 ... Under 15 years
		03 ... 15 years
		04 ... 16 years
		05 ... 17 years
		06 ... 18 years
		07 ... 19 years
		08 ... 20 - 24 years
		09 ... 25 - 29 years
		10 ... 30 - 34 years
		11 ... 35 - 39 years
		12 ... 40 - 44 years
		13 ... 45 - 49 years
76	1	MAGE8 <u>Age of Mother Recode 8</u>
		1 ... Under 15 years
		2 ... 15 - 19 years
		3 ... 20 - 24 years
		4 ... 25 - 29 years
		5 ... 30 - 34 years
		6 ... 35 - 39 years
		7 ... 40 - 44 years
		8 ... 45 - 49 years



1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
77	1	ORMOTH <u>Hispanic Origin of Mother</u>  Origin is not reported by all areas. See reporting flags.  0 ... Non - Hispanic 1 ... Mexican 2 ... Puerto Rican 3 ... Cuban 4 ... Central or South American 5 ... Other and unknown Hispanic 9 ... Origin unknown or not stated
78	1	ORRACEM <u>Hispanic Origin and Race of Mother Recode</u>  Origin is not reported by all areas. See reporting flags.  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
79	1	MRACEIMP <u>Race of Mother Imputation Flag</u>  Blank ... Race is not imputed 1 ... Race is imputed
80-81	2	MRACE <u>Race of Mother</u>  Race codes effective with 1989 data differ from previous years.  01 ... White 02 ... Black 03 ... American Indian (includes Aleuts and Eskimos) 04 ... Chinese 05 ... Japanese 06 ... Hawaiian (includes Part-Hawaiian) 07 ... Filipino 08 ... Other Asian or Pacific Islander 09 ... All other races
82	1	MRACE3 <u>Race of Mother Recode</u>  1 ... White 2 ... Races other than White or Black 3 ... Black

1991  
Detail Natality Record

Tape      Field  
Location Size Item and Code Outline

83-84      2      DMEDUC  
Education of Mother Detail

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

85            1      MEDUC6  
Education of Mother Recode

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

86            1      DMARIMP  
Marital Status of Mother Imputation Flag

Blank        ... Marital Status is not imputed  
1            ... Marital Status is imputed

87            1      DMAR  
Marital Status of Mother

1            ... Married  
2            ... Unmarried

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
88-89	2	MPLBIR <u>Place of Birth of Mother</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
		43 ... Tennessee
		44 ... Texas
		45 ... Utah
		46 ... Vermont
		47 ... Virginia
		48 ... Washington
		49 ... West Virginia
		50 ... Wisconsin
		51 ... Wyoming
		52 ... Puerto Rico
		53 ... Virgin Islands
		54 ... Guam
		55 ... Canada
		56 ... Cuba
		57 ... Mexico
		59 ... Remainder of the World
		99 ... Not classifiable
90	1	MPLBIRR <u>Place of Birth of Mother Recode</u>
		1 ... Native born
		2 ... Foreign born
		3 ... Unknown or not stated

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
91-92	2	DMAGERPT <u>Reported Age of Mother</u>  10-49     ... Age in single years 99        ... Unknown or not stated
93	1	ADEQUACY <u>Adequacy Of Care Recode (Kessner Index)</u>  This recode is based on a modified Kessner criterion. Month Prenatal Care Began, Number of Prenatal Visits, and Gestation are the items used to generate this recode.  1         ... Adequate 2         ... Intermediate 3         ... Inadequate 4         ... Unknown
94-95	2	NLBNL <u>Number of Live Births, Now Living</u>  Does not include this birth or adoptions.  00-30     ... Stated number of births 99        ... Unknown or not stated
96-97	2	NLBND <u>Number of Live Births, Now Dead</u>  Does not include this birth or adoptions.  00-30     ... Stated number of births 99        ... Unknown or not stated
98-99	2	NOTERM <u>Number of Other Terminations</u>  Includes spontaneous and induced at any time after conception.  00-30     ... Stated number of other terminations 99        ... Unknown or not stated
100-101	2	DLIVORD <u>Detail Live Birth Order</u>  Sum of live births now living and now dead plus one. If either item is unknown, this item is made unknown.  00-31     ... Number of children born alive to mother 99        ... Unknown

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
102	1	<p>LIVORD9 <u>Live Birth Order Recode</u></p> <p>1           ... First Child 2           ... Second Child 3           ... Third Child 4           ... Fourth Child 5           ... Fifth Child 6           ... Sixth Child 7           ... Seventh Child 8           ... Eighth Child and over 9           ... Unknown or not stated</p>
103-104	2	<p>DTOTORD <u>Detail Total Birth Order</u></p> <p>Sum of live birth order and other terminations. If either item is unknown, this item is made unknown.</p> <p>01-40       ... Total number of live births and other terminations 99           ... Unknown</p>
105	1	<p>TOTORD9 <u>Total Birth Order Recode</u></p> <p>1           ... First Child 2           ... Second Child 3           ... Third Child 4           ... Fourth Child 5           ... Fifth Child 6           ... Sixth Child 7           ... Seventh Child 8           ... Eighth Child and over 9           ... Unknown or not stated</p>
106-107	2	<p>MONPRE <u>Detail Month of Pregnancy Prenatal Care Began</u></p> <p>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</p>
108	1	<p>MPRE6 <u>Month Prenatal Care Began Recode 6</u></p> <p>1           ... 1st - 2nd month 2           ... 3rd month 3           ... 4th - 6th month 4           ... 7th - 9th month 5           ... No prenatal care 6           ... Unknown or not stated</p>

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
109	1	MPRE5 <u>Month Prenatal Care Began Recode 5</u> 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
110-111	2	NPREVIST <u>Total Number of Prenatal Visits</u> 00           ... No prenatal visits 01-48       ... Stated number of visits 49           ... 49 or more visits 99           ... Unknown or not stated
112-113	2	NPREV12 <u>Number of Prenatal Visits Recode</u> 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 number of visits

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
114-121	8	LMPDATE <u>Date Last Normal Menses Began</u>
114-115	2	LMPMON <u>Month Last Normal Menses Began</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
116-117	2	LMPDAY <u>Day Last Normal Menses Began</u>  01-31    ... As applicable to month of LMP 99      ... Unknown or not stated day of LMP
118-121	4	LMPYR <u>Year Last Normal Menses Began</u>  1990    ... 1990 1991    ... 1991 9999    ... Unknown or not stated year of LMP
122-127	6	LLBDATE <u>Date of Last Live Birth</u>  777777    ... No previous live birth
122-123	2	LLBMON <u>Month of Last Live Birth</u>  01      ... January 02      ... February 03      ... March 04      ... April 05      ... May 06      ... June 07      ... July 08      ... August 09      ... September 10      ... October 11      ... November 12      ... December 99      ... Unknown or not stated

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
124-127	4	<p>LLBYR <u>Year of Last Live Birth</u></p> <p>1900-1991 ... Code range 9999 ... Unknown or not stated</p>
128-130	3	<p>DISLLB <u>Interval Since Last Live Birth</u></p> <p>This item is computed from date of birth of this child and date of last live birth.</p> <p>777 ... No previous live birth 000 ... Zero months (plural birth) 001-468 ... One to four hundred sixty-eight months 999 ... Unknown</p>
131-132	2	<p>ISLLB10 <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>
133-152	20	<p>R2 <u>Reserved Positions</u></p>
153	1	<p>FAGERFLG <u>Reported Age of Father Used Flag</u></p> <p>This position is flagged whenever the father's reported age in years is used. The reported age is used, if valid, when age derived from date of birth is not available or when it is less than 10.</p> <p>Blank ... Reported age is not used 1 ... Reported age is used</p>
154-155	2	<p>DFAGE <u>Age of Father</u></p> <p>This item is either computed from date of birth of father and of child or is the reported age. This is the age item used in NCHS publications.</p> <p>10-98 ... Age in single years 99 ... Unknown or not stated</p>



1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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156-157	2	FAGE11 <u>Age of Father Recode</u>
		01 ... Under 15 years
		02 ... 15 - 19 years
		03 ... 20 - 24 years
		04 ... 25 - 29 years
		05 ... 30 - 34 years
		06 ... 35 - 39 years
		07 ... 40 - 44 years
		08 ... 45 - 49 years
		09 ... 50 - 54 years
		10 ... 55 - 98 years
		11 ... Not stated

158	1	ORFATH <u>Hispanic Origin of Father</u>
		Origin of father is not reported by all areas. See reporting flags.
		0 ... Non - Hispanic
		1 ... Mexican
		2 ... Puerto Rican
		3 ... Cuban
		4 ... Central or South American
		5 ... Other and unknown Hispanic
		9 ... Origin unknown or not stated

159	1	ORRACEF <u>Hispanic Origin and Race of Father Recode -</u>
		Origin of father is not reported by all areas. See reporting flags.
		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

160-161	2	FRACE <u>Race of Father</u>
		Race codes effective with 1989 data differ from previous years.
		01 ... White
		02 ... Black
		03 ... American Indian (includes Aleuts and Eskimos)
		04 ... Chinese
		05 ... Japanese
		06 ... Hawaiian (includes Part-Hawaiian)
		07 ... Filipino
		08 ... Other Asian or Pacific Islander
		09 ... All other races
		99 ... Unknown or not stated

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
162	1	FRACE4 <u>Race of Father Recode</u>  1           ... White 2           ... Races other than White, Black, or unknown 3           ... Black 4           ... Unknown or not stated
163-164	2	DFEDUC <u>Education of Father Detail</u>  Education of father 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
165	1	FEDUC6 <u>Education of Father Recode</u>  Education of father 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
166-167	2	DFAGERPT <u>Reported Age of Father</u>  10-98       ... Age in single years 99           ... Unknown or not stated
168-169	2	R3 <u>Reserved Positions</u>
170	1	CDOBIMP <u>Month of Birth of Child Imputation Flag</u>  Blank       ... Month is not imputed 1           ... Month is imputed
171	1	RB <u>Reserved Position</u>

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
172-173	2	BIRMON <u>Month of Birth</u> 01           ... January 02           ... February 03           ... March 04           ... April 05           ... May 06           ... June 07           ... July 08           ... August 09           ... September 10           ... October 11           ... November 12           ... December
174-175	2	RC <u>Reserved Positions</u>
176-179	4	BIRYR <u>Year of Birth</u> 1991           ... 1991
180	1	WEEKDAY <u>Day of Week Child Born</u> 1           ... Sunday 2           ... Monday 3           ... Tuesday 4           ... Wednesday 5           ... Thursday 6           ... Friday 7           ... Saturday
181	1	GESTESTM <u>Clinical Estimate of Gestation Used Flag</u>  This position is flagged whenever the clinical estimate of gestation is used. It is used when gestation could not be computed or when the computed gestation is outside the 17-47 code range.  Blank           ... Clinical Estimate is not used 1               ... Clinical Estimate is used
182	1	GESTIMP <u>Gestation Imputation Flag</u>  Blank           ... Gestation is not imputed 1               ... Gestation is imputed

1991  
Detail Natality Record

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

183-184	2	<p>DGESTAT <u>Gestation - Detail in Weeks</u></p> <p>This item is: a) computed using dates of birth of child and last normal menses; b) imputed from LMP date; c) the clinical estimate; 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>17-47     ... 17th through 47th week of gestation 99         ... Unknown</p>
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185-186	2	<p>GESTAT10 <u>Gestation Recode 10</u></p> <p>01         ... Under 20 weeks 02         ... 20 - 27 weeks 03         ... 28 - 31 weeks 04         ... 32 - 35 weeks 05         ... 36 weeks 06         ... 37 - 39 weeks 07         ... 40 weeks 08         ... 41 weeks 09         ... 42 weeks and over 10         ... Not stated</p>
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187	1	<p>GESTAT3 <u>Gestation Recode 3</u></p> <p>1         ... Under 37 weeks 2         ... 37 weeks and over 3         ... Not stated</p>
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188	1	<p>CSEXIMP <u>Sex Imputation Flag</u></p> <p>Blank     ... Sex is not imputed 1         ... Sex is imputed</p>
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189	1	<p>CSEX <u>Sex</u></p> <p>1         ... Male 2         ... Female</p>
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190-191	2	<p>CRACE <u>Race of Child</u></p> <p>Race codes effective with 1989 data differ from previous years.</p> <p>01         ... White 02         ... Black 03         ... American Indian (includes Aleuts and Eskimos) 04         ... Chinese 05         ... Japanese 06         ... Hawaiian (includes Part-Hawaiian) 07         ... Filipino 08         ... Other Asian or Pacific Islander 09         ... All other races</p>
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1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
192	1	CRACE3 <u>Race of Child Recode</u>  1           ... White 2           ... Races other than white or black 3           ... Black
193-196	4	DBIRWT <u>Birth Weight - Detail in Grams</u>  0227-8165 ... Number of grams 9999       ... Not stated birth weight
197-198	2	BIRWT12 <u>Birth Weight Recode 12</u>  01           ... 499 grams or less 02           ... 500 - 999 grams 03           ... 1000 - 1499 grams 04           ... 1500 - 1999 grams 05           ... 2000 - 2499 grams 06           ... 2500 - 2999 grams 07           ... 3000 - 3499 grams 08           ... 3500 - 3999 grams 09           ... 4000 - 4499 grams 10           ... 4500 - 4999 grams 11           ... 5000 - 8165 grams 12           ... Not stated
199	1	BIRWT4 <u>Birth Weight Recode 4</u>  1           ... 1499 grams or less 2           ... 1500 - 2499 grams 3           ... 2500 - grams or more 4           ... Unknown or not stated
200	1	PLURIMP <u>Plurality Imputation Flag</u>  Blank       ... Plurality is not imputed 1           ... Plurality is imputed
201	1	DPLURAL <u>Plurality</u>  1           ... Single 2           ... Twin 3           ... Triplet 4           ... Quadruplet 5           ... Quintuplet or higher
202-203	2	OMAPS <u>One Minute Apgar Score</u>  Apgar Score is not reported by all areas. See reporting flags.  00-10       ... A score of 0-10 99           ... Unknown or not stated

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
204	1	<p>OMAPSR <u>One Minute Apgar Score Recode</u></p> <p>Apgar Score is not reported by all areas. See reporting flags.</p> <p>1           ... A score of 0-3 2           ... A score of 4-6 3           ... A score of 7-8 4           ... A score of 9-10 5           ... Not stated</p>
205-206	2	<p>FMAPS <u>Five Minute Apgar Score</u></p> <p>Apgar Score is not reported by all areas. See reporting flags.</p> <p>00-10       ... A score of 0-10 99           ... Unknown or not stated</p>
207	1	<p>FMAPSR <u>Five Minute Apgar Score Recode</u></p> <p>Apgar Score is not reported by all areas. See reporting flags.</p> <p>1           ... A score of 0-3 2           ... A score of 4-6 3           ... A score of 7-8 4           ... A score of 9-10 5           ... Not stated</p>
208-209	2	<p>CLINGEST <u>Clinical Estimate of Gestation</u></p> <p>Clinical estimate is not reported by all areas. See reporting flags.</p> <p>17-47       ... Estimated gestation in weeks 99           ... Unknown or not stated</p>
210-216	7	<p>R4 <u>Reserved Positions</u></p>

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
217-306	90	<p>MEDINFO <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>
217-222	6	<p>DELMETH <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>
217	1	<p>VAGINAL <u>Vaginal</u></p>
218	1	<p>VBAC <u>Vaginal birth after previous C-section</u></p>
219	1	<p>PRIMAC <u>Primary C -section</u></p>
220	1	<p>REPEAC <u>Repeat C -section</u></p>
221	1	<p>FORCEP <u>Forceps</u></p>
222	1	<p>VACUUM <u>Vacuum</u></p>
223	1	<p>R5 <u>Reserved Position</u></p>
224	1	<p>DELMETH5 <u>Method of Delivery Recode</u></p> <p>1           ... Vaginal (excludes vaginal after previous C-section) 2           ... Vaginal birth after previous C-section 3           ... Primary C -section 4           ... Repeat C -section 5           ... Not stated</p>

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
225-241	17	<p>MEDRISK <u>Medical Risk Factors</u></p> <p>Each risk factor is assigned a separate position, and the code structure for each risk factor (position) is:</p> <p>1           ... Factor reported 2           ... Factor not reported 8           ... Factor not on certificate 9           ... Factor not classifiable</p>
225	1	<p>ANEMIA <u>Anemia (Hct.&lt;30/Hgb.&lt;10)</u></p>
226	1	<p>CARDIAC <u>Cardiac disease</u></p>
227	1	<p>LUNG <u>Acute or chronic lung disease</u></p>
228	1	<p>DIABETES <u>Diabetes</u></p>
229	1	<p>HERPES <u>Genital herpes</u></p>
230	1	<p>HYDRA <u>Hydramnios/Oligohydramnios</u></p>
231	1	<p>HEMO <u>Hemoglobinopathy</u></p>
232	1	<p>CHYPER <u>Hypertension, chronic</u></p>
233	1	<p>PHYPER <u>Hypertension, pregnancy-associated</u></p>
234	1	<p>ECLAMP <u>Eclampsia</u></p>
235	1	<p>INCERVIX <u>Incompetent cervix</u></p>
236	1	<p>PRE4000 <u>Previous infant 4000+ grams</u></p>



1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
237	1	PRETERM <u>Previous preterm or small-for-gestational-age infant</u>
238	1	RENAL <u>Renal disease</u>
239	1	RH <u>Rh sensitization</u>
240	1	UTERINE <u>Uterine bleeding</u>
241	1	OTHERMR <u>Other Medical Risk Factors</u>
242-252	11	OTHERRSK <u>Other Risk Factors for this Pregnancy</u>
242-245	4	TOBACRSK <u>Tobacco Risks</u>
242	1	TOBACCO <u>Tobacco Use During Pregnancy</u>  1           ... Yes 2           ... No 9           ... Unknown or not stated
243-244	2	CIGAR <u>Average Number of Cigarettes Per Day</u>  00-97       ... As stated 98          ... 98 or more cigarettes per day 99          ... Unknown or not stated
245	1	CIGAR6 <u>Average Number of Cigarettes Per Day Recode</u>  0           ... Nonsmoker 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

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
246-249	4	ALCOHRSK <u>Alcohol</u>
246	1	ALCOHOL <u>Alcohol Use During Pregnancy</u>  1           ... Yes 2           ... No 9           ... Unknown or not stated
247-248	2	DRINK <u>Average Number of Drinks Per Week</u>  00-97       ... As stated 98           ... 98 or more drinks per week 99           ... Unknown or not stated
249	1	DRINK5 <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
250-252	3	WTGANRSK <u>Weight Gain During Pregnancy</u>
250-251	2	WTGAIN <u>Weight Gain</u>  00-97       ... Stated number of pounds 98           ... 98 pounds or more 99           ... Unknown or not stated
252	1	WTGAIN9 <u>Weight Gain Recode</u>  1           ... Less than 16 pounds 2           ... 16 - 20 pounds 3           ... 21 - 25 pounds 4           ... 26 - 30 pounds 5           ... 31 - 35 pounds 6           ... 36 - 40 pounds 7           ... 41 - 45 pounds 8           ... 46 or more pounds 9           ... Unknown or not stated

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
253-259	7	OBSTETRC <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
253	1	AMNIO <u>Amniocentesis</u>
254	1	MONITOR <u>Electronic fetal monitoring</u>
255	1	INDUCT <u>Induction of labor</u>
256	1	STIMULA <u>Stimulation of labor</u>
257	1	TOCOL <u>Tocolysis</u>
258	1	ULTRAS <u>Ultrasound</u>
259	1	OTHEROB <u>Other Obstetric Procedures</u>

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
260-275	16	LABOR <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
260	1	FEBRILE <u>Febrile (&gt;100 degrees F. or 38 degrees C.)</u>
261	1	MECONIUM <u>Meconium, moderate/heavy</u>
262	1	RUPTURE <u>Premature rupture of membrane (&gt;12 hours)</u>
263	1	ABRUPTIO <u>Abruptio placenta</u>
264	1	PREPLACE <u>Placenta previa</u>
265	1	EXCEBLD <u>Other excessive bleeding</u>
266	1	SEIZURE <u>Seizures during labor</u>
267	1	PRECIP <u>Precipitous labor (&lt;3 hours)</u>
268	1	PROLONG <u>Prolonged labor (&gt;20 hours)</u>
269	1	DYSFUNC <u>Dysfunctional labor</u>
270	1	BREECH <u>Breech/Malpresentation</u>
271	1	CEPHALO <u>Cephalopelvic disproportion</u>

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
272	1	CORD <u>Cord prolapse</u>
273	1	ANESTHE <u>Anesthetic complications</u>
274	1	DISTRESS <u>Fetal distress</u>
275	1	OTHERLB <u>Other Complication of Labor and/or Delivery</u>

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
276-284	9	<p>NEWBORN <u>Abnormal Conditions of the Newborn</u></p> <p>Each condition is assigned a separate position, and the code structure for each condition (position) is:</p> <p>1           ... Condition reported 2           ... Condition not reported 8           ... Condition not on certificate 9           ... Condition not classifiable</p>
276	1	<p>NANEMIA <u>Anemia (Hct.&lt;39/Hgb.&lt;13)</u></p>
277	1	<p>INJURY <u>Birth injury</u></p>
278	1	<p>ALCOSYN <u>Fetal alcohol syndrome</u></p>
279	1	<p>HYALINE <u>Hyaline membrane disease</u></p>
280	1	<p>MECONSYN <u>Meconium aspiration syndrome</u></p>
281	1	<p>VENL30 <u>Assisted ventilation, less than 30 minutes</u></p>
282	1	<p>VEN30M <u>Assisted ventilation, 30 minutes or more</u></p>
283	1	<p>NSEIZ <u>Seizures</u></p>
284	1	<p>OTHERAB <u>Other Abnormal Conditions of the Newborn</u></p>

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
285-306	22	CONGENIT <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
285	1	ANEN <u>Anencephalus</u>
286	1	SPINA <u>Spina bifida/Meningocele</u>
287	1	HYDRO <u>Hydrocephalus</u>
288	1	MICROCE <u>Microcephalus</u>
289	1	NERVOUS <u>Other central nervous system anomalies</u>
290	1	HEART <u>Heart malformations</u>
291	1	CIRCUL <u>Other circulatory/respiratory anomalies</u>
292	1	RECTAL <u>Rectal atresia/stenosis</u>
293	1	TRACHEO <u>Tracheo - esophageal fistula/Esophageal atresia</u>
294	1	OMPHALO <u>Omphalocele/Gastroschisis</u>
295	1	GASTRO <u>Other gastrointestinal anomalies</u>
296	1	GENITAL <u>Malformed genitalia</u>

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
297	1	RENALAGE <u>Renal agenesis</u>
298	1	UROGEN <u>Other urogenital anomalies</u>
299	1	CLEFTLP <u>Cleft lip/palate</u>
300	1	ADACTYLY <u>Polydactyly/Syndactyly/Adactyly</u>
301	1	CLUBFOOT <u>Club foot</u>
302	1	HERNIA <u>Diaphragmatic hernia</u>
303	1	MUSCULO <u>Other musculoskeletal/integumental anomalies</u>
304	1	DOWNS <u>Down's syndrome</u>
305	1	CHROMO <u>Other chromosomal anomalies</u>
306	1	OTHERCON <u>Other Congenital Anomalies</u>



1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
307-326	20	FLRES <u>Reporting Flags for Place of Residence</u>  These positions contain flags to indicate whether or not the specified item is included on the birth certificate of the State of residence or of the MSA of residence. The code structure for each flag (position) is:  0           ... The item is not reported 1           ... The item is reported or partially reported.
307	1	ORIGM <u>Origin of mother</u>
308	1	ORIGF <u>Origin of father</u>
309	1	EDUCM <u>Education of mother</u>
310	1	EDUCF <u>Education of father</u>
311	1	GESTE <u>Clinical estimate of gestation</u>
312	1	OMAPSRF <u>1 - minute Apgar score</u>
313	1	FMAPSRF <u>5 - minute Apgar score</u>
314	1	DELMETRF <u>Method of delivery</u>
315	1	MEDRSK <u>Medical risk factors</u>
316	1	TOBUSE <u>Tobacco use</u>
317	1	ALCUSE <u>Alcohol use</u>
318	1	WTGN <u>Weight gain</u>
319	1	DBSTRC <u>Obstetric procedures</u>
320	1	CLABOR <u>Complications of labor and/or delivery</u>
321	1	ABNML <u>Abnormal conditions of newborn</u>

1991  
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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322	1	CONGAN <u>Congenital anomalies</u>
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323	1	R5 <u>Reserved Positions</u>
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324	1	EDUCMSA <u>Education of Mother (Based on MSA)</u>
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325-346	22	R6 <u>Reserved positions</u>
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347-349	3	SMSARES <u>PSMA/MSA of Residence (NCHS)</u>
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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 PMSA's, MSA's, NECMA's, and their component counties.

000           ... Nonmetropolitan counties  
001-320       ... Code range  
999           ... Area of less than 100,000 population  
ZZZ           ... Foreign residents

350	1	POPSMAS <u>PMSA/MSA Population Size</u>
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Based on 1990 Census county population counts

1           ... Area of 250,000 or more  
2           ... Area of 100,000 to 250,000  
9           ... Area of less than 100,000 or nonmetropolitan area  
Z           ... Foreign resident

## Geographic Code Outline

The following pages show in detail the geographic codes used by the Division of Vital Statistics in the processing of vital event data occurring in the United States. When an event occurs to a nonresident of the United States, residence data are coded only to the "State" level; several western hemisphere countries or the remainder of the world are uniquely identified. Along with the Division of Vital Statistics codes the Federal Information Processing Standards (FIPS) codes are shown for several items. Both sets of codes appear on the vital event public-use files. The Metropolitan Statistical Area codes are effective with the 1990 data year and are based on the 1990 Census. All other codes are effective with the 1982 data year and are based on results of the 1980 Census.

To aid the user in interpreting the geographic codes, a brief explanation of the codes and of the column headings/abbreviations shown on the following pages are:

**State (St):** Each State and the District of Columbia are numbered alphabetically. In addition, several unique codes are used to identify nonresidents of the U.S.

**County (Cnty):** Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State.

**MSA:** Metropolitan statistical areas are those established by the U.S. Office of Management and Budget (OMB) using 1990 Census population counts. For New England, the New England County Metropolitan Areas (NECMA) are used.

**M/NM:** Metropolitan counties (code 1) are component counties of MSAs. Nonmetropolitan counties (code 2) are not part of any MSA.

**City:** Cities are numbered alphabetically within each State and identify each city with a population of 10,000 or more in 1980.

**P/S:** Population size code for city of residence based on the 1980 Census. Refer to the code outline given earlier in this document for specific codes and meanings.

**Name:** Each State, county, and city name is listed along with its respective code. In addition, places used to identify nonresidents of the U.S. are also listed along with their codes.

**FIPS:** For an explanation of FIPS codes, reference should be made to various National Bureau of Standards (NBS) publications.

**So!** How do I find Yavapai county, Arizona; or Tupelo city, Mississippi?

Since counties and cities are numbered within State, the State and county or the State and city codes must be used to select these areas. It is most helpful if the county is known when looking for a particular city since areas are shown by State, county, and city.

Yavapai county, Arizona - State and county codes 03 013.

Tupelo, Mississippi - State and city codes 25 025 or State, county, city codes 25 041 025.

MSA Codes Effective With 1990 Data. All Other Codes Effective With 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	999 9	Baldwin	003	5160	
003	000	2		Barbour	005	0000	
			013 6	Eufaula			
			999 9	Balance of county			
004	000	2	999 9	Bibb	007	0000	
005	037	1	999 9	Blount	009	1000	
006	000	2	999 9	Bullock	011	0000	
007	000	2	999 9	Butler	013	0000	
008	015	1		Calhoun	015	0450	
			004 5	Anniston			
			999 9	Balance of county			
009	000	2	999 9	Chambers	017	0000	
010	000	2	999 9	Cherokee	019	0000	
011	000	2	999 9	Chilton	021	0000	
012	000	2	999 9	Choctaw	023	0000	
013	000	2	999 9	Clarke	025	0000	
014	000	2	999 9	Clay	027	0000	
015	000	2	999 9	Cleburne	029	0000	
016	000	2		Coffee	031	0000	
			012 6	Enterprise, part			
			999 9	Balance of county			
017	100	1		Colbert	033	2650	
			034 6	Sheffield			
			999 9	Balance of county			
018	000	2	999 9	Conecuh	035	0000	
019	000	2	999 9	Coosa	037	0000	
020	000	2		Covington	039	0000	
			003 6	Andalusia			
			999 9	Balance of county			
021	000	2	999 9	Crenshaw	041	0000	
022	000	2		Cullman	043	0000	
			009 6	Cullman			
			999 9	Balance of county			
023	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	999 9	Escambia	053	0000	
028	111	1		Etowah	055	2880	
			017 5	Gadsden			
			999 9	Balance of county			
029	000	2	999 9	Fayette	057	0000	
030	000	2	999 9	Franklin	059	0000	
031	000	2	999 9	Geneva	061	0000	
032	000	2	999 9	Greene	063	0000	
033	000	2	999 9	Hale	065	0000	
034	000	2	999 9	Henry	067	0000	
035	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			

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	
			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		

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

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



MSA Codes Effective With 1990 Data. All Other Codes Effective With 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		Duachita	103 0000
			004 6	Camden	
			999 9	Balance of county	
053	000	2	999 9	Perry	105 0000
054	000	2		Phillips	107 0000
			028 6	West Helena	
			999 9	Balance of county	
055	000	2	999 9	Pike	109 0000
056	000	2	999 9	Poinsett	111 0000
057	000	2	999 9	Polk	113 0000
058	000	2		Pope	115 0000
			021 6	Russellville	
			999 9	Balance of county	
059	000	2	999 9	Prairie	117 0000
060	171	1		Pulaski	119 4400
			012 5	Jacksonville	
			014 3	Little Rock	
			017 4	North Little Rock	
			023 6	Sherwood	
			999 9	Balance of county	
061	000	2	999 9	Randolph	121 0000
062	000	2		St. Francis	123 0000
			008 6	Forrest City	
			999 9	Balance of county	
063	171	1		Saline	125 4400
			002 6	Benton	
			999 9	Balance of county	
064	000	2	999 9	Scott	127 0000
065	000	2	999 9	Searcy	129 0000
066	106	1		Sebastian	131 2720
			009 4	Fort Smith	
			999 9	Balance of county	
067	000	2	999 9	Sevier	133 0000
068	000	2	999 9	Sharp	135 0000
069	000	2	999 9	Stone	137 0000
070	000	2		Union	139 0000
			006 5	El Dorado	
			999 9	Balance of county	
071	000	2	999 9	Van Buren	141 0000
072	098	1		Washington	143 2580
			007 5	Fayetteville	
			024 6	Springdale, part	
			999 9	Balance of county	
073	000	2		White	145 0000
			022 6	Searcy	
			999 9	Balance of county	
074	000	2	999 9	Woodruff	147 0000
075	000	2	999 9	Yell	149 0000

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

Vital Statistics Codes

FIPS Codes  
St Cnty MSA

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
05					California	06	
	001	210	1		Alameda		001 5775
			001	4	Alameda		
			002	6	Albany		
			022	3	Berkeley		
			071	3	Fremont		
			082	4	Hayward		
			107	5	Livermore		
			141	5	Newark		
			146	2	Oakland		
			163	6	Piedmont		
			168	5	Pleasanton		
			202	4	San Leandro		
			241	5	Union City		
			999	9	Balance of county		
	002	000	2	999	Alpine		003 0000
	003	000	2	999	Amador		005 0000
	004	064	1		Butte		007 1620
			037	5	Chico		
			158	6	Paradise		
			999	9	Balance of county		
	005	000	2	999	Calaveras		009 0000
	006	000	2	999	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	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	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	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	Lake		033 0000
	018	000	2	999	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

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

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

Vital Statistics Codes

FIPS Codes

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

St Cnty MSA

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
05					California	06	
			038	5	Chino		
			042	5	Colton		
			068	5	Fontana		
			109	6	Loma Linda		
			132	6	Montclair		
			148	4	Ontario		
			172	4	Rancho Cucamonga		
			175	5	Redlands		
			179	5	Rialto		
			189	3	San Bernardino		
			242	5	Upland		
			245	6	Victorville		
			999	9	Balance of county		
037	260	1			San Diego	073	7320
			032	5	Carlsbad		
			039	4	Chula Vista		
			047	6	Coronado		
			059	4	El Cajon		
			064	4	Escondido		
			089	6	Imperial Beach		
			098	4	La Mesa		
			106	6	Lemon Grove		
			140	5	National City		
			147	4	Oceanside		
			194	1	San Diego		
			204	6	San Marcos		
			247	5	Vista		
			999	9	Balance of county		
038	261	1	197	1	San Francisco, coext. with San Francisco city	075	7360
039	284	1			San Joaquin	077	8120
			108	5	Lodi		
			121	6	Manteca		
			230	3	Stockton		
			236	6	Tracy		
			999	9	Balance of county		
040	000	2			San Luis Obispo	079	0000
			008	6	Arroyo Grande		
			010	6	Atascadero		
			203	5	San Luis Obispo		
			999	9	Balance of county		
041	261	1			San Mateo	081	7360
			020	6	Belmont		
			028	5	Burlingame		
			054	4	Daly City		
			069	6	Foster City		
			085	6	Hillsborough		
			125	5	Menlo Park		
			127	6	Millbrae		
			151	5	Pacifica		
			177	4	Redwood City		
			190	5	San Bruno		
			192	6	San Carlos		
			206	4	San Mateo		
			228	5	South San Francisco		
			999	9	Balance of county		
042	263	1			Santa Barbara	083	7480
			033	6	Carpinteria		
			111	5	Lompoc		
			210	4	Santa Barbara		
			214	5	Santa Maria		
			999	9	Balance of county		
043	262	1			Santa Clara	085	7400
			031	5	Campbell		
			052	5	Cupertino		
			076	6	Gilroy		
			114	5	Los Altos		
			117	5	Los Gatos		
			129	5	Milpitas		
			137	6	Morgan Hill		
			138	4	Mountain View		
			156	4	Palo Alto		
			200	1	San Jose		
			211	4	Santa Clara		
			218	5	Saratoga		

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
05				California	06
			232 3	Sunnyvale	
			999 9	Balance of county	
044	264	1		Santa Cruz	087 7485
			212 5	Santa Cruz	
			249 6	Watsonville	
			999 9	Balance of county	
045	241	1		Shasta	089 6690
			174 5	Redding	
			999 9	Balance of county	
046	000	2	999 9	Sierra	091 0000
047	000	2	999 9	Siskiyou	093 0000
048	299	1		Solano	095 8720
			021 6	Benicia	
			066 4	Fairfield	
			231 6	Suisun City	
			243 5	Vacaville	
			244 4	Vallejo	
			999 9	Balance of county	
049	266	1		Sonoma	097 7500
			161 5	Petaluma	
			183 6	Rohnert Park	
			217 4	Santa Rosa	
			999 9	Balance of county	
050	193	1		Stanislaus	099 5170
			035 6	Ceres	
			130 3	Modesto	
			238 5	Turlock	
			999 9	Balance of county	
051	319	1		Sutter	101 9340
			255 6	Yuba City	
			999 9	Balance of county	
052	000	2	999 9	Tehama	103 0000
053	000	2	999 9	Trinity	105 0000
054	303	1		Tulare	107 8780
			170 6	Porterville	
			237 6	Tulare	
			246 5	Visalia	
			999 9	Balance of county	
055	000	2	999 9	Tuolumne	109 0000
056	219	1		Ventura	111 6000
			030 5	Camarillo	
			150 3	Oxnard	
			171 6	Port Hueneme	
			191 4	San Buenaventura (Ventura)	
			216 6	Santa Paula	
			223 4	Simi Valley	
			234 4	Thousand Oaks	
			999 9	Balance of county	
057	250	1		Yolo	113 6920
			055 5	Davis	
			253 5	Woodland	
			999 9	Balance of county	
058	319	1	999 9	Yuba	115 9340

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

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

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



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

Vital Statistics Codes

FIPS Codes

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

St Cnty MSA

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

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

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

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

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

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

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

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

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

Vital Statistics Codes				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
10					Florida		12
			087	6	Tarpon Springs		
			999	9	Balance of county		
053	159	1			Polk	105	3980
			002	6	Bartow		
			028	6	Haines City		
			037	5	Lakeland		
			094	6	Winter Haven		
			999	9	Balance of county		
054	000	2			Putnam	107	0000
			063	6	Palatka		
			999	9	Balance of county		
055	138	1			St. Johns	109	3600
			077	6	St. Augustine		
			999	9	Balance of county		
056	105	1			St. Lucie	111	2710
			024	5	Fort Pierce		
			074	6	Port St. Lucie		
			999	9	Balance of county		
057	223	1	999	9	Santa Rosa	113	6080
058	267	1			Sarasota	115	7510
			080	5	Sarasota		
			090	6	Venice		
			999	9	Balance of county		
059	217	1			Seminole	117	5960
			001	6	Altamonte Springs		
			008	6	Casselberry		
			044	6	Longwood		
			079	6	Sanford		
			096	6	Winter Springs		
			999	9	Balance of county		
060	000	2	999	9	Sumter	119	0000
061	000	2	999	9	Suwannee	121	0000
062	000	2	999	9	Taylor	123	0000
063	000	2	999	9	Union	125	0000
064	079	1			Volusia	127	2020
			017	4	Daytona Beach		
			019	6	De Land		
			053	6	New Smyrna Beach		
			062	6	Ormond Beach		
			073	6	Port Orange		
			081	6	South Daytona		
			999	9	Balance of county		
065	000	2	999	9	Wakulla	129	0000
066	000	2	999	9	Walton	131	0000
067	000	2	999	9	Washington	133	0000

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
11				Georgia	13
	001	000	2 999 9	Appling	001 0000
	002	000	2 999 9	Atkinson	003 0000
	003	000	2 999 9	Bacon	005 0000
	004	000	2 999 9	Baker	007 0000
	005	000	2	Baldwin	009 0000
			026 6	Milledgeville	
			999 9	Balance of county	
	006	000	2 999 9	Banks	011 0000
	007	019	1 999 9	Barrow	013 0520
	008	000	2 999 9	Bartow	015 0000
	009	000	2	Ben Hill	017 0000
			018 6	Fitzgerald, part	
			999 9	Balance of county	
	010	000	2 999 9	Berrien	019 0000
	011	178	1	Bibb	021 4680
			024 3	Macon, part	
			999 9	Balance of county	
	012	000	2 999 9	Bleckley	023 0000
	013	000	2 999 9	Brantley	025 0000
	014	000	2 999 9	Brooks	027 0000
	015	000	2 999 9	Bryan	029 0000
	016	000	2	Bulloch	031 0000
			033 6	Statesboro	
			999 9	Balance of county	
	017	000	2 999 9	Burke	033 0000
	018	019	1 999 9	Butts	035 0520
	019	000	2 999 9	Calhoun	037 0000
	020	000	2 999 9	Camden	039 0000
	021	000	2 999 9	Candler	043 0000
	022	000	2	Carroll	045 0000
			008 6	Carrollton	
			999 9	Balance of county	
	023	061	1 999 9	Catoosa	047 1560
	024	000	2 999 9	Charlton	049 0000
	025	268	1	Chatham	051 7520
			031 3	Savannah	
			999 9	Balance of county	
	026	071	1 999 9	Chattahoochee	053 1800
	027	000	2 999 9	Chattooga	055 0000
	028	019	1 999 9	Cherokee	057 0520
	029	018	1	Clarke	059 0500
			003 5	Athens	
			999 9	Balance of county	
	030	000	2 999 9	Clay	061 0000
	031	019	1	Clayton	063 0520
			009 6	College Park, part	
			019 6	Forest Park	
			999 9	Balance of county	
	032	000	2 999 9	Clinch	065 0000
	033	019	1	Cobb	067 0520
			025 5	Marietta	
			032 6	Smyrna	
			999 9	Balance of county	
	034	000	2	Coffee	069 0000
			015 6	Douglas	
			999 9	Balance of county	
	035	000	2	Colquitt	071 0000
			027 6	Moultrie	
			999 9	Balance of county	
	036	021	1 999 9	Columbia	073 0600
	037	000	2 999 9	Cook	075 0000
	038	019	1	Coweta	077 0520
			028 6	Newnan	
			999 9	Balance of county	
	039	000	2 999 9	Crawford	079 0000
	040	000	2	Crisp	081 0000
			011 6	Cordele	
			999 9	Balance of county	
	041	061	1 999 9	Dade	083 1560
	042	000	2 999 9	Dawson	085 0000
	043	000	2	Decatur	087 0000
			006 6	Bainbridge	
			999 9	Balance of county	
	044	019	1	De Kalb	089 0520
			004 2	Atlanta, part	

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

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

FIPS Codes  
St Cnty MSA

Georgia

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St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
			014	6	Decatur		
			999	9	Balance of county		
045	000	2	999	9	Dodge	091	0000
046	000	2	999	9	Dooly	093	0000
047	003	1			Dougherty	095	0120
			001	4	Albany		
			999	9	Balance of county		
048	019	1	999	9	Douglas	097	0520
049	000	2	999	9	Early	099	0000
050	000	2	999	9	Echols	101	0000
051	268	1	999	9	Effingham	103	7520
052	000	2	999	9	Elbert	105	0000
053	000	2	999	9	Emanuel	107	0000
054	000	2	999	9	Evans	109	0000
055	000	2	999	9	Fannin	111	0000
056	019	1	999	9	Fayette	113	0520
057	000	2			Floyd	115	0000
			029	5	Rome		
			999	9	Balance of county		
058	019	1	999	9	Forsyth	117	0520
059	000	2	999	9	Franklin	119	0000
060	019	1			Fulton	121	0520
			004	2	Atlanta, part		
			009	6	College Park, part		
			017	5	East Point		
			030	6	Roswell		
			999	9	Balance of county		
061	000	2	999	9	Gilmer	123	0000
062	000	2	999	9	Glascock	125	0000
063	000	2			Glynn	127	0000
			007	6	Brunswick		
			999	9	Balance of county		
064	000	2	999	9	Gordon	129	0000
065	000	2	999	9	Grady	131	0000
066	000	2	999	9	Greene	133	0000
067	019	1	999	9	Gwinnett	135	0520
068	000	2	999	9	Habersham	137	0000
069	000	2			Hall	139	0000
			020	6	Gainesville		
			999	9	Balance of county		
070	000	2	999	9	Hancock	141	0000
071	000	2	999	9	Haralson	143	0000
072	000	2	999	9	Harris	145	0000
073	000	2	999	9	Hart	147	0000
074	000	2	999	9	Heard	149	0000
075	019	1	999	9	Henry	151	0520
076	178	1			Houston	153	4680
			038	5	Warner Robins		
			999	9	Balance of county		
077	000	2			Irwin	155	0000
			018	6	Fitzgerald, part		
			999	9	Balance of county		
078	018	1	999	9	Jackson	157	0500
079	000	2	999	9	Jasper	159	0000
080	000	2	999	9	Jeff Davis	161	0000
081	000	2	999	9	Jefferson	163	0000
082	000	2	999	9	Jenkins	165	0000
083	000	2	999	9	Johnson	167	0000
084	178	1			Jones	169	4680
			024	3	Macon, part		
			999	9	Balance of county		
085	000	2	999	9	Lamar	171	0000
086	000	2	999	9	Lanier	173	0000
087	000	2			Laurens	175	0000
			016	6	Dublin		
			999	9	Balance of county		
088	003	1	999	9	Lee	177	0120
089	000	2			Liberty	179	0000
			022	6	Hinesville		
			999	9	Balance of county		
090	000	2	999	9	Lincoln	181	0000
091	000	2	999	9	Long	183	0000
092	000	2			Lowndes	185	0000
			036	5	Valdosta		



MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				Vital Statistics Geographic Code Outline		Page 22	
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	St Cnty	MSA
11			Georgia			13	
			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	999 9 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	999 9 Muscogee			215	1800
			010 3 Columbus				
			999 9 Balance of county				
107	019	1	999 9 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	999 9 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	999 9 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	999 9 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	999 9 Thomas			275	0000
			034 6 Thomasville				
			999 9 Balance of county				
137	000	2	999 9 Tift			277	0000
			035 6 Tifton				
			999 9 Balance of county				
138	000	2	999 9 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	999 9 Troup			285	0000
			023 6 La Grange				
			999 9 Balance of county				
142	000	2	999 9 Turner			287	0000
143	000	2	999 9 Twiggs			289	0000
144	000	2	999 9 Union			291	0000
145	000	2	999 9 Upson			293	0000

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

Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
11					Georgia	13	
	146	061	1	999	9 Walker	295	1560
	147	019	1	999	9 Walton	297	0520
	148	000	2		Ware	299	0000
				039	6 Waycross		
				999	9 Balance of county		
	149	000	2	999	9 Warren	301	0000
	150	000	2	999	9 Washington	303	0000
	151	000	2	999	9 Wayne	305	0000
	152	000	2	999	9 Webster	307	0000
	153	000	2	999	9 Wheeler	309	0000
	154	000	2	999	9 White	311	0000
	155	000	2		Whitfield	313	0000
				013	6 Dalton		
				999	9 Balance of county		
	156	000	2	999	9 Wilcox	315	0000
	157	000	2	999	9 Wilkes	317	0000
	158	000	2	999	9 Wilkinson	319	0000
	159	000	2	999	9 Worth	321	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						FIPS Codes		
Vital Statistics Codes						St	Cnty	MSA
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name		
12							15	
	001	000	2			Hawaii		
				003	5	Hilo		001 0000
				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	Millilani Town		
				009	6	Mokapu		
				010	5	Pearl City		
				011	6	Schofield Barracks		
				012	6	Wahiawa		
				014	5	Waipahu		
				999	9	Balance of county		
	003	000	2			Kalawao		005 0000
	004	000	2			Kauai		007 0000
	005	000	2			Maui		009 0000
				005	6	Kahului		
				013	6	Wailuku		
				999	9	Balance of county		

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

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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.					FIPS Codes	
Vital Statistics Codes					St Cnty MSA	
St	Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
14					Illinois	17
	001	000	2		Adams	001 0000
				135 5	Quincy	
				999 9	Balance of county	
	002	000	2	999 9	Alexander	003 0000
	003	000	2	999 9	Bond	005 0000
	004	249	1		Boone	007 6880
				010 6	Belvidere	
				999 9	Balance of county	
	005	000	2	999 9	Brown	009 0000
	006	000	2	999 9	Bureau	011 0000
	007	000	2	999 9	Calhoun	013 0000
	008	000	2	999 9	Carroll	015 0000
	009	000	2	999 9	Cass	017 0000
	010	056	1		Champaign	019 1400
				030 4	Champaign	
				136 6	Rantoul	
				160 5	Urbana	
				999 9	Balance of county	
	011	000	2		Christian	021 0000
				158 6	Taylorville	
				999 9	Balance of county	
	012	000	2	999 9	Clark	023 0000
	013	000	2	999 9	Clay	025 0000
	014	254	1		Clinton	027 7040
				029 6	Centralia, part	
				999 9	Balance of county	
	015	000	2		Coles	029 0000
				031 6	Charleston	
				101 6	Mattoon	
				999 9	Balance of county	
	016	063	1		Cook	031 1600
				002 6	Alsip	
				004 4	Arlington Heights, part	
				006 6	Bartlett, part	
				009 6	Bellwood	
				011 6	Bensenville, part	
				012 5	Berwyn	
				015 6	Blue Island	
				019 6	Bridgeview	
				020 6	Brookfield	
				021 6	Buffalo Grove, part	
				022 5	Burbank	
				024 5	Calumet City	
				032 0	Chicago, part	
				033 5	Chicago Heights	
				034 6	Chicago Ridge	
				035 4	Cicero	
				037 6	Country Club Hills	
				038 6	Crestwood	
				043 6	Deerfield, part	
				045 4	Des Plaines	
				047 6	Dolton	
				054 4	Elgin, part	
				055 5	Elk Grove Village, part	
				057 6	Elmwood Park	
				058 4	Evanston	
				059 6	Evergreen Park	
				061 6	Forest Park	
				062 6	Franklin Park	
				067 5	Glenview	
				068 6	Glenwood	
				070 5	Hanover Park, part	
				072 5	Harvey	
				073 6	Hazel Crest	
				075 6	Hickory Hills	
				077 6	Hinsdale, part	
				078 5	Hoffman Estates	
				079 6	Homewood	
				082 6	Justice	
				085 6	La Grange	
				086 6	La Grange Park	
				088 5	Lansing	
				092 6	Lincolnwood	
				099 6	Markham	

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

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

FIPS Codes  
 St Cnty MSA

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	FIPS Codes
14					Illinois	17
			100	6	Matteson	
			102	5	Maywood	
			103	6	Melrose Park	
			104	6	Midlothian	
			108	6	Morton Grove	
			109	4	Mount Prospect	
			113	5	Niles	
			115	6	Norridge	
			116	5	Northbrook	
			118	6	Northlake	
			119	5	Oak Forest	
			120	4	Oak Lawn	
			121	4	Oak Park	
			123	6	Orland Park	
			125	5	Palatine	
			126	6	Palos Heights	
			127	6	Palos Hills	
			128	5	Park Forest, part	
			129	5	Park Ridge	
			134	6	Prospect Heights	
			137	6	Riverdale	
			138	6	River Forest	
			139	6	River Grove	
			143	6	Rolling Meadows	
			145	6	Roselle, part	
			148	6	Sauk Village	
			149	4	Schaumburg, part	
			150	6	Schiller Park	
			151	4	Skokie	
			152	6	South Holland	
			155	6	Streamwood	
			157	6	Summit	
			159	5	Tinley Park, part	
			164	6	Westchester	
			166	6	Western Springs	
			169	6	Wheeling, part	
			170	5	Wilmette	
			171	6	Winnetka	
			176	6	Worth	
			999	9	Balance of county	
017	000	2	999	9	Crawford	033 0000
018	000	2	999	9	Cumberland	035 0000
019	000	2			De Kalb	037 0000
			044	5	De Kalb	
			999	9	Balance of county	
020	000	2	999	9	De Witt	039 0000
021	000	2	999	9	Douglas	041 0000
022	063	1			Du Page	043 1600
			001	5	Addison	
			005	4	Aurora, part	
			006	6	Bartlett, part	
			007	6	Batavia, part	
			011	6	Bensenville, part	
			013	6	Bloomington	
			016	5	Bolingbrook, part	
			027	6	Carol Stream	
			032	0	Chicago, part	
			041	6	Darien	
			048	5	Downers Grove	
			055	5	Elk Grove Village, part	
			056	5	Elmhurst	
			065	6	Glendale Heights	
			066	6	Glen Ellyn	
			070	5	Hanover Park, part	
			077	6	Hinsdale, part	
			093	6	Lisle	
			094	5	Lombard	
			112	5	Naperville, part	
			145	6	Roselle, part	
			147	6	St. Charles, part	
			149	4	Schaumburg, part	
			161	6	Villa Park	
			165	6	West Chicago	
			167	6	Westmont	

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
14				Illinois	17
			168 5	Wheaton	
			172 6	Wood Dale	
			173 6	Woodridge	
			999 9	Balance of county	
023	000	2	999 9	Edgar	045 0000
024	000	2	999 9	Edwards	047 0000
025	000	2		Effingham	049 0000
			053 6	Effingham	
			999 9	Balance of county	
026	000	2	999 9	Fayette	051 0000
027	000	2	999 9	Ford	053 0000
028	000	2	999 9	Franklin	055 0000
029	000	2		Fulton	057 0000
			025 6	Canton	
			999 9	Balance of county	
030	000	2	999 9	Gallatin	059 0000
031	000	2	999 9	Greene	061 0000
032	145	1	999 9	Grundy	063 3690
033	000	2	999 9	Hamilton	065 0000
034	000	2	999 9	Hancock	067 0000
035	000	2	999 9	Hardin	069 0000
036	000	2	999 9	Henderson	071 0000
037	077	1		Henry	073 1960
			084 6	Kewanee	
			999 9	Balance of county	
038	000	2	999 9	Iroquois	075 0000
039	000	2		Jackson	077 0000
			026 5	Carbondale	
			999 9	Balance of county	
040	000	2	999 9	Jasper	079 0000
041	000	2		Jefferson	081 0000
			110 6	Mount Vernon	
			999 9	Balance of county	
042	254	1	999 9	Jersey	083 7040
043	000	2	999 9	Jo Daviess	085 0000
044	000	2	999 9	Johnson	087 0000
045	022	1		Kane	089 0620
			005 4	Aurora, part	
			007 6	Batavia, part	
			028 6	Carpentersville	
			054 4	Elgin, part	
			147 6	St. Charles, part	
			999 9	Balance of county	
046	148	1		Kankakee	091 3740
			017 6	Bourbonnais	
			018 6	Bradley	
			083 5	Kankakee	
			999 9	Balance of county	
047	022	1	999 9	Kendall	093 0620
048	000	2		Knox	095 0000
			064 5	Galesburg	
			999 9	Balance of county	
049	158	1		Lake	097 3965
			004 4	Arlington Heights, part	
			021 6	Buffalo Grove, part	
			043 6	Deerfield, part	
			076 5	Highland Park	
			087 6	Lake Forest	
			090 6	Libertyville	
			111 6	Mundelein	
			117 5	North Chicago	
			146 6	Round Lake Beach	
			163 4	Waukegan	
			169 6	Wheeling, part	
			177 6	Zion	
			999 9	Balance of county	
050	000	2		La Salle	099 0000
			089 6	La Salle	
			124 6	Ottawa	
			132 6	Peru	
			156 6	Streator, part	
			999 9	Balance of county	
051	000	2	999 9	Lawrence	101 0000
052	000	2		Lee	103 0000
			046 6	Dixon	

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

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



MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						FIPS Codes	
Vital Statistics Codes						St Cnty	MSA
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name		
14					Illinois	17	
084	279	1			Sangamon	167	7880
			153	3	Springfield		
			999	9	Balance of county		
085	000	2	999	9	Schuyler	169	0000
086	000	2	999	9	Scott	171	0000
087	000	2	999	9	Shelby	173	0000
088	000	2	999	9	Stark	175	0000
089	000	2			Stephenson	177	0000
			063	5	Freeport		
			999	9	Balance of county		
090	224	1			Tazewell	179	6120
			050	6	East Peoria		
			107	6	Morton		
			130	5	Pekin, part		
			162	6	Washington		
			999	9	Balance of county		
091	000	2	999	9	Union	181	0000
092	000	2			Vermilion	183	0000
			040	5	Danville		
			999	9	Balance of county		
093	000	2	999	9	Wabash	185	0000
094	000	2			Warren	187	0000
			106	6	Monmouth		
			999	9	Balance of county		
095	000	2	999	9	Washington	189	0000
096	000	2	999	9	Wayne	191	0000
097	000	2	999	9	White	193	0000
098	000	2			Whiteside	195	0000
			140	6	Rock Falls		
			154	6	Sterling		
			999	9	Balance of county		
099	145	1			Will	197	3690
			016	5	Bolingbrook, part		
			081	4	Joliet		
			112	5	Naperville, part		
			128	5	Park Forest, part		
			144	6	Romeoville		
			159	5	Tinley Park, part		
			999	9	Balance of county		
100	000	2			Williamson	199	0000
			074	6	Herrin		
			098	6	Marion		
			999	9	Balance of county		
101	249	1			Winnebago	201	6880
			095	6	Loves Park		
			141	3	Rockford		
			999	9	Balance of county		
102	224	1	999	9	Woodford	203	6120

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

Vital Statistics Codes					FIPS Codes				
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
15						Indiana	18		
	001	000	2	999	9	Adams		001	0000
	002	108	1			Allen		003	2760
				015	3	Fort Wayne			
				999	9	Balance of county			
	003	000	2			Bartholomew		005	0000
				007	5	Columbus			
				999	9	Balance of county			
	004	000	2	999	9	Benton		007	0000
	005	000	2	999	9	Blackford		009	0000
	006	133	1			Boone		011	3480
				034	6	Lebanon			
				999	9	Balance of county			
	007	000	2	999	9	Brown		013	0000
	008	000	2	999	9	Carroll		015	0000
	009	000	2			Cass		017	0000
				035	6	Logansport			
				999	9	Balance of county			
	010	175	1			Clark		019	4520
				006	6	Clarksville			
				028	6	Jeffersonville			
				999	9	Balance of county			
	011	289	1	999	9	Clay		021	8320
	012	000	2			Clinton		023	0000
				016	6	Frankfort			
				999	9	Balance of county			
	013	000	2	999	9	Crawford		025	0000
	014	000	2			Davies		027	0000
				060	6	Washington			
				999	9	Balance of county			
	015	065	1	999	9	Dearborn		029	1640
	016	000	2	999	9	Decatur		031	0000
	017	108	1	999	9	De Kalb		033	2760
	018	197	1			Delaware		035	5280
				042	4	Muncie			
				999	9	Balance of county			
	019	000	2	999	9	Dubois		037	0000
	020	090	1			Elkhart		039	2330
				012	5	Elkhart			
				019	6	Goshen			
				999	9	Balance of county			
	021	000	2			Fayette		041	0000
				008	6	Connersville			
				999	9	Balance of county			
	022	175	1			Floyd		043	4520
				044	5	New Albany			
				999	9	Balance of county			
	023	000	2	999	9	Fountain		045	0000
	024	000	2	999	9	Franklin		047	0000
	025	000	2	999	9	Fulton		049	0000
	026	000	2	999	9	Gibson		051	0000
	027	000	2			Grant		053	0000
				037	5	Marion			
				999	9	Balance of county			
	028	000	2	999	9	Greene		055	0000
	029	133	1			Hamilton		057	3480
				005	6	Carmel			
				046	6	Noblesville			
				999	9	Balance of county			
	030	133	1			Hancock		059	3480
				020	6	Greenfield			
				999	9	Balance of county			
	031	175	1	999	9	Harrison		061	4520
	032	133	1	999	9	Hendricks		063	3480
	033	000	2			Henry		065	0000
				045	6	New Castle			
				999	9	Balance of county			
	034	153	1			Howard		067	3850
				029	5	Kokomo			
				999	9	Balance of county			
	035	000	2			Huntington		069	0000
				026	6	Huntington			
				999	9	Balance of county			
	036	000	2			Jackson		071	0000
				051	6	Seymour			

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

Vital Statistics Codes				FIPS Codes					
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
15						Indiana	18		
				999	9	Balance of county			
	037	000	2	999	9	Jasper	073	0000	
	038	000	2	999	9	Jay	075	0000	
	039	000	2			Jefferson	077	0000	
				036	6	Madison			
				999	9	Balance of county			
	040	000	2	999	9	Jennings	079	0000	
	041	133	1			Johnson	081	3480	
				017	6	Franklin			
				021	6	Greenwood			
				999	9	Balance of county			
	042	000	2			Knox	083	0000	
				057	6	Vincennes			
				999	9	Balance of county			
	043	000	2			Kosciusko	085	0000	
				059	6	Warsaw			
				999	9	Balance of county			
	044	000	2	999	9	Lagrange	087	0000	
	045	114	1			Lake	089	2960	
				010	6	Crown Point			
				011	5	East Chicago			
				018	3	Gary			
				022	6	Griffith			
				023	4	Hammond			
				024	5	Highland			
				025	6	Hobart			
				031	6	Lake Station			
				039	5	Merrillville			
				043	6	Munster			
				050	6	Schererville			
				999	9	Balance of county			
	046	000	2			La Porte	091	0000	
				032	6	La Porte			
				040	5	Michigan City			
				999	9	Balance of county			
	047	000	2			Lawrence	093	0000	
				002	6	Bedford			
				999	9	Balance of county			
	048	012	1			Madison	095	0400	
				001	4	Anderson			
				013	6	Elwood, part			
				999	9	Balance of county			
	049	133	1			Marion	097	3480	
				003	6	Beech Grove			
				027	1	Indianapolis			
				033	5	Lawrence			
				054	6	Speedway			
				999	9	Balance of county			
	050	000	2	999	9	Marshall	099	0000	
	051	000	2	999	9	Martin	101	0000	
	052	000	2			Miami	103	0000	
				047	6	Peru			
				999	9	Balance of county			
	053	039	1			Monroe	105	1020	
				004	4	Bloomington			
				999	9	Balance of county			
	054	000	2			Montgomery	107	0000	
				009	6	Crawfordsville			
				999	9	Balance of county			
	055	133	1			Morgan	109	3480	
				038	6	Martinsville			
				999	9	Balance of county			
	056	000	2	999	9	Newton	111	0000	
	057	000	2	999	9	Noble	113	0000	
	058	000	2	999	9	Ohio	115	0000	
	059	000	2	999	9	Orange	117	0000	
	060	000	2	999	9	Owen	119	0000	
	061	000	2	999	9	Parke	121	0000	
	062	000	2	999	9	Perry	123	0000	
	063	000	2	999	9	Pike	125	0000	
	064	114	1			Porter	127	2960	
				048	5	Portage			
				056	6	Valparaiso			
				999	9	Balance of county			

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

Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
15					Indiana	18	
	065	095	1	999 9	Posey	129	2440
	066	000	2	999 9	Pulaski	131	0000
	067	000	2	999 9	Putnam	133	0000
	068	000	2	999 9	Randolph	135	0000
	069	000	2	999 9	Ripley	137	0000
	070	000	2	999 9	Rush	139	0000
	071	277	1		St. Joseph	141	7800
				041 5	Mishawaka		
				053 3	South Bend		
				999 9	Balance of county		
	072	000	2	999 9	Scott	143	0000
	073	133	1		Shelby	145	3480
				052 6	Shelbyville		
				999 9	Balance of county		
	074	000	2	999 9	Spencer	147	0000
	075	000	2	999 9	Starke	149	0000
	076	000	2	999 9	Steuben	151	0000
	077	000	2	999 9	Sullivan	153	0000
	078	000	2	999 9	Switzerland	155	0000
	079	156	1		Tippecanoe	157	3920
				030 5	Lafayette		
				061 6	West Lafayette		
				999 9	Balance of county		
	080	153	1		Tipton	159	3850
				013 6	Elwood, part		
				999 9	Balance of county		
	081	000	2	999 9	Union	161	0000
	082	095	1		Vanderburgh	163	2440
				014 3	Evansville		
				999 9	Balance of county		
	083	000	2	999 9	Vermillion	165	0000
	084	289	1		Vigo	167	8320
				055 4	Terre Haute		
				999 9	Balance of county		
	085	000	2		Wabash	169	0000
				058 6	Wabash		
				999 9	Balance of county		
	086	000	2	999 9	Warren	171	0000
	087	095	1	999 9	Warrick	173	2440
	088	000	2	999 9	Washington	175	0000
	089	000	2		Wayne	177	0000
				049 5	Richmond		
				999 9	Balance of county		
	090	000	2	999 9	Wells	179	0000
	091	000	2	999 9	White	181	0000
	092	108	1	999 9	Whitley	183	2760

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

Vital Statistics Codes					FIPS Codes			
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
16						Iowa	19	
	001	000	2	999	9	Adair	001	0000
	002	000	2	999	9	Adams	003	0000
	003	000	2	999	9	Allamakee	005	0000
	004	000	2	999	9	Appanoose	007	0000
	005	000	2	999	9	Audubon	009	0000
	006	000	2	999	9	Benton	011	0000
	007	306	1			Black Hawk	013	8920
				006	5	Cedar Falls		
				028	4	Waterloo		
				999	9	Balance of county		
	008	000	2			Boone	015	0000
				004	6	Boone		
				999	9	Balance of county		
	009	306	1	999	9	Bremer	017	8920
	010	000	2	999	9	Buchanan	019	0000
	011	000	2	999	9	Buena Vista	021	0000
	012	000	2	999	9	Butler	023	0000
	013	000	2	999	9	Calhoun	025	0000
	014	000	2	999	9	Carroll	027	0000
	015	000	2	999	9	Cass	029	0000
	016	000	2	999	9	Cedar	031	0000
	017	000	2			Cerro Gordo	033	0000
				020	5	Mason City		
				999	9	Balance of county		
	018	000	2	999	9	Cherokee	035	0000
	019	000	2	999	9	Chickasaw	037	0000
	020	000	2	999	9	Clarke	039	0000
	021	000	2			Clay	041	0000
				026	6	Spencer		
				999	9	Balance of county		
	022	000	2	999	9	Clayton	043	0000
	023	000	2			Clinton	045	0000
				008	5	Clinton		
				999	9	Balance of county		
	024	000	2	999	9	Crawford	047	0000
	025	083	1	999	9	Dallas	049	2120
	026	000	2	999	9	Davis	051	0000
	027	000	2	999	9	Decatur	053	0000
	028	000	2	999	9	Delaware	055	0000
	029	000	2			Des Moines	057	0000
				005	5	Burlington		
				999	9	Balance of county		
	030	000	2	999	9	Dickinson	059	0000
	031	086	1			Dubuque	061	2200
				012	4	Dubuque		
				999	9	Balance of county		
	032	000	2	999	9	Emmet	063	0000
	033	000	2	999	9	Fayette	065	0000
	034	000	2	999	9	Floyd	067	0000
	035	000	2	999	9	Franklin	069	0000
	036	000	2	999	9	Fremont	071	0000
	037	000	2	999	9	Greene	073	0000
	038	000	2	999	9	Grundy	075	0000
	039	000	2	999	9	Guthrie	077	0000
	040	000	2	999	9	Hamilton	079	0000
	041	000	2	999	9	Hancock	081	0000
	042	000	2	999	9	Hardin	083	0000
	043	000	2	999	9	Harrison	085	0000
	044	000	2	999	9	Henry	087	0000
	045	000	2	999	9	Howard	089	0000
	046	000	2	999	9	Humboldt	091	0000
	047	000	2	999	9	Ida	093	0000
	048	000	2	999	9	Iowa	095	0000
	049	000	2	999	9	Jackson	097	0000
	050	000	2			Jasper	099	0000
				022	6	Newton		
				999	9	Balance of county		
	051	000	2	999	9	Jefferson	101	0000
	052	134	1			Johnson	103	3500
				016	4	Iowa City		
				999	9	Balance of county		
	053	000	2	999	9	Jones	105	0000
	054	000	2	999	9	Keokuk	107	0000
	055	000	2	999	9	Kossuth	109	0000

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

Vital Statistics Codes				FIPS Codes				
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
16						Iowa	19	
	056	000	2			Lee		111 0000
				014	6	Fort Madison		
				017	6	Keokuk		
				999	9	Balance of county		
	057	055	1			Linn		113 1360
				007	3	Cedar Rapids		
				018	6	Marion		
				999	9	Balance of county		
	058	000	2	999	9	Louisa		115 0000
	059	000	2	999	9	Lucas		117 0000
	060	000	2	999	9	Lyon		119 0000
	061	000	2	999	9	Madison		121 0000
	062	000	2			Mahaska		123 0000
				023	6	Oskaloosa		
				999	9	Balance of county		
	063	000	2	999	9	Marion		125 0000
	064	000	2			Marshall		127 0000
				019	5	Marshalltown		
				999	9	Balance of county		
	065	000	2	999	9	Mills		129 0000
	066	000	2	999	9	Mitchell		131 0000
	067	000	2	999	9	Monona		133 0000
	068	000	2	999	9	Monroe		135 0000
	069	000	2	999	9	Montgomery		137 0000
	070	000	2			Muscatine		139 0000
				021	6	Muscatine		
				999	9	Balance of county		
	071	000	2	999	9	O'Brien		141 0000
	072	000	2	999	9	Osceola		143 0000
	073	000	2	999	9	Page		145 0000
	074	000	2	999	9	Palo Alto		147 0000
	075	000	2	999	9	Plymouth		149 0000
	076	000	2	999	9	Pocahontas		151 0000
	077	083	1			Polk		153 2120
				002	6	Ankeny		
				011	3	Des Moines		
				027	6	Urbandale		
				029	6	West Des Moines		
				999	9	Balance of county		
	078	215	1			Pottawattamie		155 5920
				009	4	Council Bluffs		
				999	9	Balance of county		
	079	000	2	999	9	Poweshiek		157 0000
	080	000	2	999	9	Ringgold		159 0000
	081	000	2	999	9	Sac		161 0000
	082	077	1			Scott		163 1960
				003	5	Bettendorf		
				010	3	Davenport		
				999	9	Balance of county		
	083	000	2	999	9	Shelby		165 0000
	084	000	2	999	9	Sioux		167 0000
	085	000	2			Story		169 0000
				001	5	Ames		
				999	9	Balance of county		
	086	000	2	999	9	Tama		171 0000
	087	000	2	999	9	Taylor		173 0000
	088	000	2	999	9	Union		175 0000
	089	000	2	999	9	Van Buren		177 0000
	090	000	2			Wapello		179 0000
				024	5	Ottumwa		
				999	9	Balance of county		
	091	083	1			Warren		181 2120
				015	6	Indianola		
				999	9	Balance of county		
	092	000	2	999	9	Washington		183 0000
	093	000	2	999	9	Wayne		185 0000
	094	000	2			Webster		187 0000
				013	5	Fort Dodge		
				999	9	Balance of county		
	095	000	2	999	9	Winnebago		189 0000
	096	000	2	999	9	Winneshiek		191 0000
	097	275	1			Woodbury		193 7720
				025	4	Sioux City		
				999	9	Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						FIPS Codes	
Vital Statistics Codes						St Cnty MSA	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty
16					Iowa	19	
	098	000	2	999	9		195 0000
					Worth		
	099	000	2	999	9		197 0000
					Wright		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 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	999 9 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	999 9 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	999 9 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	999 9 Ellis		051 0000
			010 6 Hays		
			999 9 Balance of county		
	027	000 2	999 9 Ellsworth		053 0000
	028	000 2	999 9 Finney		055 0000
			008 6 Garden City		
			999 9 Balance of county		
	029	000 2	999 9 Ford		057 0000
			005 6 Dodge City		
			999 9 Balance of county		
	030	000 2	999 9 Franklin		059 0000
			025 6 Ottawa		
			999 9 Balance of county		
	031	000 2	999 9 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	999 9 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	999 9 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.				FIPS Codes	
Vital Statistics Codes				St Cnty	MSA
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	
17				Kansas	20
			024 5	Olathe	
			026 4	Overland Park	
			029 6	Prairie Village	
			031 5	Shawnee	
			999 9	Balance of county	
047	000	2	999 9	Kearny	093 0000
048	000	2	999 9	Kingman	095 0000
049	000	2	999 9	Kiowa	097 0000
050	000	2		Labette	099 0000
			027 6	Parsons	
			999 9	Balance of county	
051	000	2	999 9	Lane	101 0000
052	149	1		Leavenworth	103 3760
			016 5	Leavenworth	
			999 9	Balance of county	
053	000	2	999 9	Lincoln	105 0000
054	000	2	999 9	Linn	107 0000
055	000	2	999 9	Logan	109 0000
056	000	2		Lyon	111 0000
			007 5	Emporia	
			999 9	Balance of county	
057	000	2		McPherson	113 0000
			020 6	McPherson	
			999 9	Balance of county	
058	000	2	999 9	Marion	115 0000
059	000	2	999 9	Marshall	117 0000
060	000	2	999 9	Meade	119 0000
061	149	1	999 9	Miami	121 3760
062	000	2	999 9	Mitchell	123 0000
063	000	2		Montgomery	125 0000
			004 6	Coffeyville	
			012 6	Independence	
			999 9	Balance of county	
064	000	2	999 9	Morris	127 0000
065	000	2	999 9	Morton	129 0000
066	000	2	999 9	Nemaha	131 0000
067	000	2		Neosho	133 0000
			003 6	Chanute	
			999 9	Balance of county	
068	000	2	999 9	Ness	135 0000
069	000	2	999 9	Norton	137 0000
070	000	2	999 9	Osage	139 0000
071	000	2	999 9	Osborne	141 0000
072	000	2	999 9	Ottawa	143 0000
073	000	2	999 9	Pawnee	145 0000
074	000	2	999 9	Phillips	147 0000
075	000	2		Pottawatomie	149 0000
			021 5	Manhattan, part	
			999 9	Balance of county	
076	000	2	999 9	Pratt	151 0000
077	000	2	999 9	Rawlins	153 0000
078	000	2		Reno	155 0000
			011 5	Hutchinson	
			999 9	Balance of county	
079	000	2	999 9	Republic	157 0000
080	000	2	999 9	Rice	159 0000
081	000	2		Riley	161 0000
			021 5	Manhattan, part	
			999 9	Balance of county	
082	000	2	999 9	Rooks	163 0000
083	000	2	999 9	Rush	165 0000
084	000	2	999 9	Russell	167 0000
085	000	2		Saline	169 0000
			030 5	Salina	
			999 9	Balance of county	
086	000	2	999 9	Scott	171 0000
087	310	1		Sedgwick	173 9040
			033 2	Wichita	
			999 9	Balance of county	
088	000	2		Seward	175 0000
			019 6	Liberal	
			999 9	Balance of county	
089	292	1		Shawnee	177 8440
			032 3	Topeka	

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

Vital Statistics Codes

FIPS Codes

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
17					Kansas	20	
			999	9	Balance of county		
090	000	2	999	9	Sheridan	179	0000
091	000	2	999	9	Sherman	181	0000
092	000	2	999	9	Smith	183	0000
093	000	2	999	9	Stafford	185	0000
094	000	2	999	9	Stanton	187	0000
095	000	2	999	9	Stevens	189	0000
096	000	2	999	9	Sumner	191	0000
097	000	2	999	9	Thomas	193	0000
098	000	2	999	9	Trego	195	0000
099	000	2	999	9	Wabaunsee	197	0000
100	000	2	999	9	Wallace	199	0000
101	000	2	999	9	Washington	201	0000
102	000	2	999	9	Wichita	203	0000
103	000	2	999	9	Wilson	205	0000
104	000	2	999	9	Woodson	207	0000
105	149	1			Wyandotte	209	3760
			014	3	Kansas City		
			999	9	Balance of county		

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

Vital Statistics Codes					FIPS Codes		
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
18					Kentucky	21	
	001	000	2	999 9	Adair	001	0000
	002	000	2	999 9	Allen	003	0000
	003	000	2	999 9	Anderson	005	0000
	004	000	2	999 9	Ballard	007	0000
	005	000	2		Barren	009	0000
				011 6	Glasgow		
				999 9	Balance of county		
	006	000	2	999 9	Bath	011	0000
	007	000	2		Bell	013	0000
				019 6	Middlesborough		
				999 9	Balance of county		
	008	065	1		Boone	015	1640
				007 6	Florence		
				999 9	Balance of county		
	009	168	1	999 9	Bourbon	017	4280
	010	131	1		Boyd	019	3400
				001 5	Ashland		
				999 9	Balance of county		
	011	000	2		Boyle	021	0000
				004 6	Danville		
				999 9	Balance of county		
	012	000	2	999 9	Bracken	023	0000
	013	000	2	999 9	Breathitt	025	0000
	014	000	2	999 9	Breckinridge	027	0000
	015	175	1	999 9	Bullitt	029	4520
	016	000	2	999 9	Butler	031	0000
	017	000	2	999 9	Caldwell	033	0000
	018	000	2		Calloway	035	0000
				020 6	Murray		
				999 9	Balance of county		
	019	065	1		Campbell	037	1640
				008 6	Fort Thomas		
				021 6	Newport		
				999 9	Balance of county		
	020	000	2	999 9	Carlisle	039	0000
	021	000	2	999 9	Carroll	041	0000
	022	131	1	999 9	Carter	043	3400
	023	000	2	999 9	Casey	045	0000
	024	066	1		Christian	047	1660
				013 5	Hopkinsville		
				999 9	Balance of county		
	025	168	1		Clark	049	4280
				030 6	Winchester		
				999 9	Balance of county		
	026	000	2	999 9	Clay	051	0000
	027	000	2	999 9	Clinton	053	0000
	028	000	2	999 9	Crittenden	055	0000
	029	000	2	999 9	Cumberland	057	0000
	030	218	1		Daviess	059	5990
				023 4	Owensboro		
				999 9	Balance of county		
	031	000	2	999 9	Edmonson	061	0000
	032	000	2	999 9	Elliott	063	0000
	033	000	2	999 9	Estill	065	0000
	034	168	1	015 3	Fayette, coext. with Lexington-Fayette	067	4280
	035	000	2	999 9	Fleming	069	0000
	036	000	2	999 9	Floyd	071	0000
	037	000	2		Franklin	073	0000
				009 5	Frankfort		
				999 9	Balance of county		
	038	000	2	999 9	Fulton	075	0000
	039	000	2	999 9	Gallatin	077	0000
	040	000	2	999 9	Garrard	079	0000
	041	000	2	999 9	Grant	081	0000
	042	000	2		Graves	083	0000
				018 6	Mayfield		
				999 9	Balance of county		
	043	000	2	999 9	Grayson	085	0000
	044	000	2	999 9	Green	087	0000
	045	131	1	999 9	Greenup	089	3400
	046	000	2	999 9	Hancock	091	0000
	047	000	2		Hardin	093	0000
				005 6	Elizabethtown		
				025 6	Radcliff		

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
18				Kentucky	21
			999 9	Balance of county	
048	000	2	999 9	Harlan	095 0000
049	000	2	999 9	Harrison	097 0000
050	000	2	999 9	Hart	099 0000
051	095	1		Henderson	101 2440
			012 6	Henderson	
			999 9	Balance of county	
052	000	2	999 9	Henry	103 0000
053	000	2	999 9	Hickman	105 0000
054	000	2		Hopkins	107 0000
			017 6	Madisonville	
			999 9	Balance of county	
055	000	2	999 9	Jackson	109 0000
056	175	1		Jefferson	111 4520
			014 6	Jeffersontown	
			016 2	Louisville	
			027 6	St. Matthews	
			028 6	Shively	
			999 9	Balance of county	
057	168	1		Jessamine	113 4280
			022 6	Nicholasville	
			999 9	Balance of county	
058	000	2	999 9	Johnson	115 0000
059	065	1		Kenton	117 1640
			003 5	Covington	
			006 6	Erlanger	
			999 9	Balance of county	
060	000	2	999 9	Knott	119 0000
061	000	2	999 9	Knox	121 0000
062	000	2	999 9	Larue	123 0000
063	000	2	999 9	Laurel	125 0000
064	000	2	999 9	Lawrence	127 0000
065	000	2	999 9	Lee	129 0000
066	000	2	999 9	Leslie	131 0000
067	000	2	999 9	Letcher	133 0000
068	000	2	999 9	Lewis	135 0000
069	000	2	999 9	Lincoln	137 0000
070	000	2	999 9	Livingston	139 0000
071	000	2	999 9	Logan	141 0000
072	000	2	999 9	Lyon	143 0000
073	000	2		McCracken	145 0000
			024 5	Paducah	
			999 9	Balance of county	
074	000	2	999 9	McCreary	147 0000
075	000	2	999 9	McLean	149 0000
076	000	2		Madison	151 0000
			026 6	Richmond	
			999 9	Balance of county	
077	000	2	999 9	Magoffin	153 0000
078	000	2	999 9	Marion	155 0000
079	000	2	999 9	Marshall	157 0000
080	000	2	999 9	Martin	159 0000
081	000	2	999 9	Mason	161 0000
082	000	2	999 9	Meade	163 0000
083	000	2	999 9	Menifee	165 0000
084	000	2	999 9	Mercer	167 0000
085	000	2	999 9	Metcalfe	169 0000
086	000	2	999 9	Monroe	171 0000
087	000	2	999 9	Montgomery	173 0000
088	000	2	999 9	Morgan	175 0000
089	000	2	999 9	Muhlenberg	177 0000
090	000	2	999 9	Nelson	179 0000
091	000	2	999 9	Nicholas	181 0000
092	000	2	999 9	Ohio	183 0000
093	175	1	999 9	Oldham	185 4520
094	000	2	999 9	Owen	187 0000
095	000	2	999 9	Owsley	189 0000
096	000	2	999 9	Pendleton	191 0000
097	000	2	999 9	Perry	193 0000
098	000	2	999 9	Pike	195 0000
099	000	2	999 9	Powell	197 0000
100	000	2		Pulaski	199 0000
			029 6	Somerset	
			999 9	Balance of county	

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

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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				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
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	Slide11	
			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	1.17 0000
			006 6	Bogalusa	
			999 9	Balance of parish	
060	000	2		Webster	119 0000
			019 6	Minden	
			999 9	Balance of parish	
061	027	1	999 9	West Baton Rouge	121 0760
062	000	2	999 9	West Carroll	123 0000
063	000	2	999 9	West Feliciana	125 0000
064	000	2	999 9	Winn	127 0000

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

Vital Statistics Codes				FIPS Codes					
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
20						Maine	23		
	001	167	1			Androscoggin		001	4243
				001	6	Auburn			
				006	5	Lewiston			
				999	9	Balance of county			
	002	000	2			Aroostook		003	0000
				008	6	Presque Isle			
				999	9	Balance of county			
	003	230	1			Cumberland		005	6403
				007	4	Portland			
				010	6	South Portland			
				012	6	Westbrook			
				999	9	Balance of county			
	004	000	2	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

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
22				Massachusetts		25	
	001	000	2	Barnstable		001	0000
			008 5	Barnstable town			
			999 9	Balance of county			
	002	229	1	Berkshire		003	6323
			057 6	North Adams			
			062 4	Pittsfield			
			999 9	Balance of county			
	003	202	1	Bristol		005	5403
			007 5	Attleboro			
			027 6	Fairhaven town			
			028 4	Fall River			
			054 4	New Bedford			
			059 6	North Attleborough town			
			073 6	Somerset town			
			079 5	Taunton			
			999 9	Balance of county			
	004	000	2	Dukes		007	0000
	005	042	1	Essex		009	1123
			003 6	Amesbury town			
			005 6	Andover town			
			010 5	Beverly			
			022 6	Danvers town			
			032 5	Gloucester			
			033 5	Haverhill			
			037 4	Lawrence			
			042 4	Lynn			
			043 6	Lynnfield town			
			045 6	Marblehead town			
			049 5	Methuen town			
			055 6	Newburyport			
			061 5	Peabody			
			069 5	Salem			
			070 6	Saugus town			
			078 6	Swampscott town			
			999 9	Balance of county			
	006	000	2	Franklin		011	0000
	007	281	1	Hampden		013	8003
			002 5	Agawam town			
			020 4	Chicopee			
			035 5	Holyoke			
			040 6	Longmeadow town			
			075 3	Springfield			
			086 5	Westfield			
			087 5	West Springfield town			
			999 9	Balance of county			
	008	281	1	Hampshire		015	8003
			004 5	Amherst town			
			025 6	Easthampton town			
			058 5	Northampton			
			999 9	Balance of county			
	009	042	1	Middlesex		017	1123
			006 5	Arlington town			
			009 5	Belmont town			
			011 5	Billerica town			
			016 6	Burlington town			
			017 4	Cambridge			
			018 5	Chelmsford town			
			024 6	Dracut town			
			026 5	Everett			
			030 4	Framingham town			
			036 6	Hudson town			
			039 5	Lexington town			
			041 4	Lowell			
			044 4	Malden			
			046 5	Marlborough			
			047 4	Medford			
			048 5	Melrose			
			052 5	Natick town			
			056 4	Newton			
			066 6	Reading town			
			074 4	Somerville			
			076 6	Stoneham town			
			080 6	Tewksbury town			
			081 6	Wakefield town			

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
22				Massachusetts	25
			082 4	Waltham	
			083 5	Watertown town	
			091 6	Wilmington town	
			092 6	Winchester town	
			094 5	Woburn	
			999 9	Balance of county	
010	000	2	999 9	Nantucket	019 0000
011	042	1		Norfolk	021 1123
			013 5	Braintree town	
			015 4	Brookline town	
			023 5	Dedham town	
			034 6	Holbrook town	
			051 5	Milton town	
			053 5	Needham town	
			060 5	Norwood town	
			064 4	Quincy	
			065 5	Randolph town	
			077 5	Stoughton town	
			085 5	Wellesley town	
			088 6	Westwood town	
			089 4	Weymouth town	
			999 9	Balance of county	
012	042	1		Plymouth	023 1123
			001 6	Abington town	
			014 4	Brockton	
			063 5	Plymouth town	
			068 6	Rockland town	
			071 6	Scituate town	
			090 6	Whitman town	
			999 9	Balance of county	
013	042	1		Suffolk	025 1123
			012 1	Boston	
			019 5	Chelsea	
			067 5	Revere	
			093 6	Winthrop town	
014	315	1		Worcester	027 9243
			021 6	Clinton town	
			029 5	Fitchburg	
			031 6	Gardner	
			038 5	Leominster	
			050 6	Milford town	
			072 6	Shrewsbury town	
			084 6	Webster town	
			095 3	Worcester	
			999 9	Balance of county	

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

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

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

999 9 Michigan  
Balance of county

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

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



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

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

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

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
24					Minnesota	27
	068	000	2	999	9 Roseau	135 0000
	069	087	1		St. Louis	137 2240
				017	4 Duluth	
				027	6 Hibbing	
				059	6 Virginia	
				999	9 Balance of county	
	070	191	1	999	9 Scott	139 5120
	071	252	1		Sherburne	141 6980
				053	5 St. Cloud, part	
				999	9 Balance of county	
	072	000	2	999	9 Sibley	143 0000
	073	252	1		Stearns	145 6980
				053	5 St. Cloud, part	
				999	9 Balance of county	
	074	000	2		Steele	147 0000
				045	6 Owatonna	
				999	9 Balance of county	
	075	000	2	999	9 Stevens	149 0000
	076	000	2	999	9 Swift	151 0000
	077	000	2	999	9 Todd	153 0000
	078	000	2	999	9 Traverse	155 0000
	079	000	2	999	9 Wabasha	157 0000
	080	000	2	999	9 Wadena	159 0000
	081	000	2	999	9 Waseca	161 0000
	082	191	1		Washington	163 5120
				015	6 Cottage Grove	
				026	6 Hastings, part	
				044	6 Oakdale	
				058	6 Stillwater	
				061	6 White Bear Lake, part	
				064	6 Woodbury	
				999	9 Balance of county	
	083	000	2	999	9 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.						Page 56	
Vital Statistics Codes						FIPS Codes	
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
25						Mississippi	28
	001	000	2			Adams	001 0000
				019	6	Natchez	
				999	9	Balance of county	
	002	000	2			Alcorn	003 0000
				008	6	Corinth	
				999	9	Balance of county	
	003	000	2			Amite	005 0000
	004	000	2			Attala	007 0000
	005	000	2			Benton	009 0000
	006	000	2			Bolivar	011 0000
				005	6	Cleveland	
				999	9	Balance of county	
	007	000	2			Calhoun	013 0000
	008	000	2			Carroll	015 0000
	009	000	2			Chickasaw	017 0000
	010	000	2			Choctaw	019 0000
	011	000	2			Claiborne	021 0000
	012	000	2			Clarke	023 0000
	013	000	2			Clay	025 0000
	014	000	2			Coahoma	027 0000
				004	6	Clarksdale	
				999	9	Balance of county	
	015	000	2			Copiah	029 0000
	016	000	2			Covington	031 0000
	017	185	1			De Soto	033 4920
	018	000	2			Forrest	035 0000
				013	5	Hattiesburg, part	
				999	9	Balance of county	
	019	000	2			Franklin	037 0000
	020	000	2			George	039 0000
	021	000	2			Greene	041 0000
	022	000	2			Grenada	043 0000
				011	6	Grenada	
				999	9	Balance of county	
	023	035	1			Hancock	045 0920
	024	035	1			Harrison	047 0920
				001	5	Biloxi	
				012	5	Gulfport	
				999	9	Balance of county	
	025	136	1			Hinds	049 3560
				006	6	Clinton	
				014	3	Jackson, part	
				999	9	Balance of county	
	026	000	2			Holmes	051 0000
	027	000	2			Humphreys	053 0000
	028	000	2			Issaquena	055 0000
	029	000	2			Itawamba	057 0000
	030	222	1			Jackson	059 6025
				018	6	Moss Point	
				020	6	Ocean Springs	
				021	5	Pascagoula	
				999	9	Balance of county	
	031	000	2			Jasper	061 0000
	032	000	2			Jefferson	063 0000
	033	000	2			Jefferson Davis	065 0000
	034	000	2			Jones	067 0000
				015	6	Laurel	
				999	9	Balance of county	
	035	000	2			Kemper	069 0000
	036	000	2			Lafayette	071 0000
	037	000	2			Lamar	073 0000
				013	5	Hattiesburg, part	
				999	9	Balance of county	
	038	000	2			Lauderdale	075 0000
				017	5	Meridian	
				999	9	Balance of county	
	039	000	2			Lawrence	077 0000
	040	000	2			Leake	079 0000
	041	000	2			Lee	081 0000
				025	6	Tupelo	
				999	9	Balance of county	
	042	000	2			Leflore	083 0000
				010	6	Greenwood	
				999	9	Balance of county	

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

Vital Statistics Codes				FIPS Codes			
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
25						Mississippi	28
	043	000	2			Lincoln	085 0000
				002	6	Brookhaven	
				999	9	Balance of county	
	044	000	2			Lowndes	087 0000
				007	5	Columbus	
				999	9	Balance of county	
	045	136	1			Madison	089 3560
				003	6	Canton	
				999	9	Balance of county	
	046	000	2			Marion	091 0000
	047	000	2			Marshall	093 0000
	048	000	2			Monroe	095 0000
	049	000	2			Montgomery	097 0000
	050	000	2			Neshoba	099 0000
	051	000	2			Newton	101 0000
	052	000	2			Noxubee	103 0000
	053	000	2			Oktibbeha	105 0000
				024	6	Starkville	
				999	9	Balance of county	
	054	000	2			Panola	107 0000
	055	000	2			Pearl River	109 0000
				023	6	Picayune	
				999	9	Balance of county	
	056	000	2			Perry	111 0000
	057	000	2			Pike	113 0000
				016	6	McComb	
				999	9	Balance of county	
	058	000	2			Pontotoc	115 0000
	059	000	2			Prentiss	117 0000
	060	000	2			Quitman	119 0000
	061	136	1			Rankin	121 3560
				014	3	Jackson, part	
				022	6	Pearl	
				999	9	Balance of county	
	062	000	2			Scott	123 0000
	063	000	2			Sharkey	125 0000
	064	000	2			Simpson	127 0000
	065	000	2			Smith	129 0000
	066	000	2			Stone	131 0000
	067	000	2			Sunflower	133 0000
	068	000	2			Tallahatchie	135 0000
	069	000	2			Tate	137 0000
	070	000	2			Tippah	139 0000
	071	000	2			Tishomingo	141 0000
	072	000	2			Tunica	143 0000
	073	000	2			Union	145 0000
	074	000	2			Walthall	147 0000
	075	000	2			Warren	149 0000
				026	5	Vicksburg	
				999	9	Balance of county	
	076	000	2			Washington	151 0000
				009	5	Greenville	
				999	9	Balance of county	
	077	000	2			Wayne	153 0000
	078	000	2			Webster	155 0000
	079	000	2			Wilkinson	157 0000
	080	000	2			Winston	159 0000
	081	000	2			Yalobusha	161 0000
	082	000	2			Yazoo	163 0000
				027	6	Yazoo City	
				999	9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.					FIPS Codes	
Vital Statistics Codes					St Cnty MSA	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
26					Missouri	29
001	000	2			Adair	001 0000
			028	6	Kirksville	
			999	9	Balance of county	
002	000	2	999	9	Andrew	003 0000
003	000	2	999	9	Atchison	005 0000
004	000	2			Audrain	007 0000
			034	6	Mexico	
			999	9	Balance of county	
005	000	2	999	9	Barry	009 0000
006	000	2	999	9	Barton	011 0000
007	000	2	999	9	Bates	013 0000
008	000	2	999	9	Benton	015 0000
009	000	2	999	9	Bollinger	017 0000
010	069	1			Boone	019 1740
			011	4	Columbia	
			999	9	Balance of county	
011	253	1			Buchanan	021 7000
			043	4	St. Joseph	
			999	9	Balance of county	
012	000	2			Butler	023 0000
			037	6	Poplar Bluff	
			999	9	Balance of county	
013	000	2	999	9	Caldwell	025 0000
014	000	2			Callaway	027 0000
			017	6	Fulton	
			023	5	Jefferson City, part	
			999	9	Balance of county	
015	000	2	999	9	Camden	029 0000
016	000	2			Cape Girardeau	031 0000
			008	5	Cape Girardeau	
			999	9	Balance of county	
017	000	2	999	9	Carroll	033 0000
018	000	2	999	9	Carter	035 0000
019	149	1			Cass	037 3760
			004	6	Belton	
			030	5	Lee's Summit, part	
			999	9	Balance of county	
020	000	2	999	9	Cedar	039 0000
021	000	2	999	9	Chariton	041 0000
022	280	1	999	9	Christian	043 7920
023	000	2	999	9	Clark	045 0000
024	149	1			Clay	047 3760
			014	6	Excelsior Springs, part	
			018	6	Gladstone	
			022	3	Independence, part	
			026	2	Kansas City, part	
			031	6	Liberty	
			999	9	Balance of county	
025	000	2	999	9	Clinton	049 0000
026	000	2			Cole	051 0000
			023	5	Jefferson City, part	
			999	9	Balance of county	
027	000	2	999	9	Cooper	053 0000
028	000	2	999	9	Crawford	055 0000
029	000	2	999	9	Dade	057 0000
030	000	2	999	9	Dallas	059 0000
031	000	2	999	9	Daviess	061 0000
032	000	2	999	9	De Kalb	063 0000
033	000	2	999	9	Dent	065 0000
034	000	2	999	9	Douglas	067 0000
035	000	2			Dunklin	069 0000
			027	6	Kennett	
			999	9	Balance of county	
036	254	1	999	9	Franklin	071 7040
037	000	2	999	9	Gasconade	073 0000
038	000	2	999	9	Gentry	075 0000
039	280	1			Greene	077 7920
			048	3	Springfield	
			999	9	Balance of county	
040	000	2	999	9	Grundy	079 0000
041	000	2	999	9	Harrison	081 0000
042	000	2	999	9	Henry	083 0000
043	000	2	999	9	Hickory	085 0000
044	000	2	999	9	Holt	087 0000

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

Vital Statistics Codes				FIPS Codes			
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
26						Missouri	29
	045	000	2	999	9	Howard	089 0000
	046	000	2	999	9	Howell	091 0000
	047	000	2	999	9	Iron	093 0000
	048	149	1			Jackson	095 3760
				006	5	Blue Springs	
				019	6	Grandview	
				022	3	Independence, part	
				026	2	Kansas City, part	
				030	5	Lee's Summit, part	
				038	5	Raytown	
				999	9	Balance of county	
	049	146	1			Jasper	097 3710
				009	6	Carthage	
				025	5	Joplin, part	
				999	9	Balance of county	
	050	254	1			Jefferson	099 7040
				001	6	Arnold	
				999	9	Balance of county	
	051	000	2			Johnson	101 0000
				050	6	Warrensburg	
				999	9	Balance of county	
	052	000	2	999	9	Knox	103 0000
	053	000	2	999	9	Laclede	105 0000
	054	149	1	999	9	Lafayette	107 3760
	055	000	2	999	9	Lawrence	109 0000
	056	000	2	999	9	Lewis	111 0000
	057	000	2	999	9	Lincoln	113 0000
	058	000	2	999	9	Linn	115 0000
	059	000	2	999	9	Livingston	117 0000
	060	000	2	999	9	McDonald	119 0000
	061	000	2	999	9	Macon	121 0000
	062	000	2	999	9	Madison	123 0000
	063	000	2	999	9	Maries	125 0000
	064	000	2			Marion	127 0000
				020	6	Hannibal, part	
				999	9	Balance of county	
	065	000	2	999	9	Mercer	129 0000
	066	000	2	999	9	Miller	131 0000
	067	000	2	999	9	Mississippi	133 0000
	068	000	2	999	9	Moniteau	135 0000
	069	000	2	999	9	Monroe	137 0000
	070	000	2	999	9	Montgomery	139 0000
	071	000	2	999	9	Morgan	141 0000
	072	000	2			New Madrid	143 0000
				047	6	Sikeston, part	
				999	9	Balance of county	
	073	146	1			Newton	145 3710
				025	5	Joplin, part	
				999	9	Balance of county	
	074	000	2	999	9	Nodaway	147 0000
	075	000	2	999	9	Oregon	149 0000
	076	000	2	999	9	Osage	151 0000
	077	000	2	999	9	Dzark	153 0000
	078	000	2	999	9	Pemiscot	155 0000
	079	000	2	999	9	Perry	157 0000
	080	000	2			Pettis	159 0000
				046	6	Sedalia	
				999	9	Balance of county	
	081	000	2			Phelps	161 0000
				040	6	Rolla	
				999	9	Balance of county	
	082	000	2	999	9	Pike	163 0000
	083	149	1			Platte	165 3760
				026	2	Kansas City, part	
				999	9	Balance of county	
	084	000	2	999	9	Polk	167 0000
	085	000	2	999	9	Pulaski	169 0000
	086	000	2	999	9	Putnam	171 0000
	087	000	2			Ralls	173 0000
				020	6	Hannibal, part	
				999	9	Balance of county	
	088	000	2			Randolph	175 0000
				035	6	Moberly	
				999	9	Balance of county	

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

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

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

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	Kallispell	
			999	9	Balance of county	
016	000	2			Gallatin	031 0000
			003	6	Bozeman	
			999	9	Balance of county	
017	000	2	999	9	Garfield	033 0000
018	000	2	999	9	Glacier	035 0000
019	000	2	999	9	Golden Valley	037 0000
020	000	2	999	9	Granite	039 0000
021	000	2			Hill	041 0000
			006	6	Havre	
			999	9	Balance of county	
022	000	2	999	9	Jefferson	043 0000
023	000	2	999	9	Judith Basin	045 0000
024	000	2	999	9	Lake	047 0000
025	000	2			Lewis and Clark	049 0000
			007	6	Helena	
			999	9	Balance of county	
026	000	2	999	9	Liberty	051 0000
027	000	2	999	9	Lincoln	053 0000
028	000	2	999	9	McCone	055 0000
029	000	2	999	9	Madison	057 0000
030	000	2	999	9	Meagher	059 0000
031	000	2	999	9	Mineral	061 0000
032	000	2			Missoula	063 0000
			009	5	Missoula	
			999	9	Balance of county	
033	000	2	999	9	Musselshell	065 0000
034	000	2	999	9	Park	067 0000
035	000	2	999	9	Petroleum	069 0000
036	000	2	999	9	Phillips	071 0000
037	000	2	999	9	Pondera	073 0000
038	000	2	999	9	Powder River	075 0000
039	000	2	999	9	Powell	077 0000
040	000	2	999	9	Prairie	079 0000
041	000	2	999	9	Ravalli	081 0000
042	000	2	999	9	Richland	083 0000
043	000	2	999	9	Roosevelt	085 0000
044	000	2	999	9	Rosebud	087 0000
045	000	2	999	9	Sanders	089 0000
046	000	2	999	9	Sheridan	091 0000
047	000	2			Silver Bow	093 0000
			004	5	Butte-Silver Bow	
			999	9	Balance of county	
048	000	2	999	9	Stillwater	095 0000
049	000	2	999	9	Sweet Grass	097 0000
050	000	2	999	9	Teton	099 0000
051	000	2	999	9	Toole	101 0000
052	000	2	999	9	Treasure	103 0000
053	000	2	999	9	Valley	105 0000
054	000	2	999	9	Wheatland	107 0000
055	000	2	999	9	Wibaux	109 0000
056	034	1			Yellowstone	111 0880
			002	4	Billings	
			999	9	Balance of county	
057	000	2	999	9	Yellowstone National Park	113 0000



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

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes		
St	Cnty	MSA	M/NM	City	P/S	St	Cnty	MSA
28						31		
				Nebraska				
	001	000	2				001	0000
				Adams				
				006	6			
				999	9			
				Hastings				
				Balance of county				
	002	000	2	999	9		003	0000
	003	000	2	999	9		005	0000
	004	000	2	999	9		007	0000
	005	000	2	999	9		009	0000
	006	000	2	999	9		011	0000
	007	000	2	999	9		013	0000
	008	000	2	999	9		015	0000
	009	000	2	999	9		017	0000
	010	000	2				019	0000
				Buffalo				
				007	6			
				999	9			
				Kearney				
				Balance of county				
	011	000	2	999	9		021	0000
	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	000	2	999	9		035	0000
	019	000	2	999	9		037	0000
	020	000	2	999	9		039	0000
	021	000	2	999	9		041	0000
	022	275	1	999	9		043	7720
	023	000	2	999	9		045	0000
	024	000	2	999	9		047	0000
	025	000	2	999	9		049	0000
	026	000	2	999	9		051	0000
	027	000	2				053	0000
				Dodge				
				004	6			
				999	9			
				Fremont				
				Balance of county				
	028	215	1				055	5920
				Douglas				
				011	2			
				999	9			
				Omaha				
				Balance of county				
	029	000	2	999	9		057	0000
	030	000	2	999	9		059	0000
	031	000	2	999	9		061	0000
	032	000	2	999	9		063	0000
	033	000	2	999	9		065	0000
	034	000	2				067	0000
				Gage				
				001	6			
				999	9			
				Beatrice				
				Balance of county				
	035	000	2	999	9		069	0000
	036	000	2	999	9		071	0000
	037	000	2	999	9		073	0000
	038	000	2	999	9		075	0000
	039	000	2	999	9		077	0000
	040	000	2				079	0000
				Hall				
				005	5			
				999	9			
				Grand Island				
				Balance of county				
	041	000	2	999	9		081	0000
	042	000	2	999	9		083	0000
	043	000	2	999	9		085	0000
	044	000	2	999	9		087	0000
	045	000	2	999	9		089	0000
	046	000	2	999	9		091	0000
	047	000	2	999	9		093	0000
	048	000	2	999	9		095	0000
	049	000	2	999	9		097	0000
	050	000	2	999	9		099	0000
	051	000	2	999	9		101	0000
	052	000	2	999	9		103	0000
	053	000	2	999	9		105	0000
	054	000	2	999	9		107	0000
	055	170	1				109	4360
				Lancaster				
				008	3			
				999	9			
				Lincoln				
				Balance of county				
	056	000	2				111	0000
				Lincoln				
				010	6			
				999	9			
				North Platte				
				Balance of county				
	057	000	2	999	9		113	0000
	058	000	2	999	9		115	0000
				Logan				
				Loup				

MSA Codes Effective With 1990 Data. All Other Codes Effective With 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	Belleveue		
				999 9	Balance of county		
	078	000	2	999 9	Saunders	155	0000
	079	000	2		Scotts Bluff	157	0000
				012 6	Scottsbluff		
				999 9	Balance of county		
	080	000	2	999 9	Seward	159	0000
	081	000	2	999 9	Sheridan	161	0000
	082	000	2	999 9	Sherman	163	0000
	083	000	2	999 9	Sioux	165	0000
	084	000	2	999 9	Stanton	167	0000
	085	000	2	999 9	Thayer	169	0000
	086	000	2	999 9	Thomas	171	0000
	087	000	2	999 9	Thurston	173	0000
	088	000	2	999 9	Valley	175	0000
	089	215	1	999 9	Washington	177	5920
	090	000	2	999 9	Wayne	179	0000
	091	000	2	999 9	Webster	181	0000
	092	000	2	999 9	Wheeler	183	0000
	093	000	2	999 9	York	185	0000

Vital Statistics Geographic Code Outline

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

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
29					Nevada	32
	001	000	2	001 5	Carson City city	510 0000
	002	000	2	999 9	Churchill	001 0000
	003	164	1		Clark	003 4120
				002 6	Henderson	
				003 3	Las Vegas	
				004 5	North Las Vegas	
				999 9	Balance of county	
	004	000	2	999 9	Douglas	005 0000
	005	000	2	999 9	Elko	007 0000
	006	000	2	999 9	Esmeralda	009 0000
	007	000	2	999 9	Eureka	011 0000
	008	000	2	999 9	Humboldt	013 0000
	009	000	2	999 9	Lander	015 0000
	010	000	2	999 9	Lincoln	017 0000
	011	000	2	999 9	Lyon	019 0000
	012	000	2	999 9	Mineral	021 0000
	013	000	2	999 9	Nye	023 0000
	014	000	2	999 9	Pershing	027 0000
	015	000	2	999 9	Storey	029 0000
	016	242	1		Washoe	031 6720
				005 3	Reno	
				006 5	Sparks	
				999 9	Balance of county	
	017	000	2	999 9	White Pine	033 0000

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 6	Laconia	
			999 9	Balance of county	
002	000	2	999 9	Carroll	003 0000
003	000	2		Cheshire	005 0000
			005 6	Keene	
			999 9	Balance of county	
004	000	2		Coos	007 0000
			001 6	Berlin	
			999 9	Balance of county	
005	000	2		Grafton	009 0000
			007 6	Lebanon	
			999 9	Balance of county	
006	180	1		Hillsborough	011 4763
			008 4	Manchester	
			009 4	Nashua	
			999 9	Balance of county	
007	000	2		Merrimack	013 0000
			003 5	Concord	
			999 9	Balance of county	
008	232	1		Rockingham	015 6453
			010 5	Portsmouth	
			999 9	Balance of county	
009	232	1		Strafford	017 6453
			004 6	Dover	
			011 6	Rochester	
			012 6	Somersworth	
			999 9	Balance of county	
010	000	2		Sullivan	019 0000
			002 6	Claremont	
			999 9	Balance of county	

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

Vital Statistics Codes

FIPS Codes  
St Cnty MSA

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
31					New Jersey	34	
001	020	1			Atlantic	001	0560
			003	5	Atlantic City		
			053	6	Hammonton		
			120	6	Pleasantville		
			139	6	Somers Point		
			152	6	Ventnor City		
			999	9	Balance of county		
002	033	1			Bergen	003	0875
			007	5	Bergenfield		
			020	6	Cliffside Park		
			029	6	Dumont		
			036	6	Elmwood Park		
			037	6	Englewood		
			039	5	Fair Lawn		
			040	6	Fairview		
			041	5	Fort Lee		
			044	5	Garfield		
			046	6	Glen Rock		
			049	5	Hackensack		
			056	6	Hasbrouck Heights		
			060	6	Hillsdale		
			075	6	Lodi		
			077	6	Lyndhurst township		
			096	6	New Milford		
			098	6	North Arlington		
			103	6	Oakland		
			108	6	Palisades Park		
			109	5	Paramus		
			125	6	Ramsey		
			127	6	Ridgefield		
			128	6	Ridgefield Park		
			129	5	Ridgewood		
			131	6	River Edge		
			134	6	Rutherford		
			135	6	Saddle Brook township		
			146	5	Teaneck township		
			147	6	Tenafly		
			156	6	Waldwick		
			157	6	Wallington		
			168	6	Westwood		
			172	6	Wyckoff township		
			999	9	Balance of county		
003	225	1			Burlington	005	6160
			013	6	Burlington		
			018	6	Cinnaminson township		
			024	6	Delran township		
			081	6	Maple Shade township		
			089	6	Moorestown township		
			092	6	Mount Holly township		
			113	5	Pemberton township		
			169	5	Willingboro township		
			999	9	Balance of county		
004	225	1			Camden	007	6160
			006	6	Bellmawr		
			014	4	Camden		
			017	4	Cherry Hill township		
			022	6	Collingswood		
			047	5	Gloucester township		
			048	6	Gloucester City		
			050	6	Haddon township		
			051	6	Haddonfield		
			072	6	Lindenwold		
			114	5	Pennsauken township		
			155	6	Voorhees township		
			999	9	Balance of county		
005	020	1			Cape May	009	0560
			105	6	Ocean City		
			999	9	Balance of county		
006	302	1			Cumberland	011	8760
			011	6	Bridgeton		
			087	6	Millville		
			154	4	Vineland		
			999	9	Balance of county		
007	207	1			Essex	013	5640
			005	5	Belleville		

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

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

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				FIPS Codes	
Vital Statistics Codes				St Cnty	MSA
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	
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	95
	001	005	1	Bernalillo	001 0200
			002 2	Albuquerque	
			999 9	Balance of county	
	002	000	2	Catron	003 0000
	003	000	2	Chaves	005 0000
			011 5	Roswell	
			999 9	Balance of county	
	004	000	2	Cibola	006 0000
	005	000	2	Colfax	007 0000
	006	000	2	Curry	009 0000
			005 5	Clovis	
			999 9	Balance of county	
	007	000	2	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	Grant	017 0000
	011	000	2	Guadalupe	019 0000
	012	000	2	Harding	021 0000
	013	000	2	Hidalgo	023 0000
	014	000	2	Lea	025 0000
			008 5	Hobbs	
			999 9	Balance of county	
	015	000	2	Lincoln	027 0000
	016	265	1	Los Alamos	028 7490
	017	000	2	Luna	029 0000
	018	000	2	McKinley	031 0000
			007 6	Gallup	
			999 9	Balance of county	
	019	000	2	Mora	033 0000
	020	000	2	Otero	035 0000
			001 6	Alamogordo	
			999 9	Balance of county	
	021	000	2	Quay	037 0000
	022	000	2	Rio Arriba	039 0000
	023	000	2	Roosevelt	041 0000
	024	000	2	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	Sierra	051 0000
	029	000	2	Socorro	053 0000
	030	000	2	Taos	055 0000
	031	000	2	Torrance	057 0000
	032	000	2	Union	059 0000
	033	000	2	Valencia	061 0000



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

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

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

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

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
33				New York	36
			082 5	Rotterdam town	
			086 4	Schenectady	
			999 9	Balance of county	
044	000	2	999 9	Schoharie	095 0000
045	000	2	999 9	Schuyler	097 0000
046	000	2		Seneca	099 0000
			028 6	Geneva, part	
			999 9	Balance of county	
047	000	2		Steuben	101 0000
			014 6	Corning	
			037 6	Hornell	
			999 9	Balance of county	
048	201	1		Suffolk	103 5380
			004 6	Babylon	
			047 5	Lindenhurst	
			070 6	Patchogue	
			999 9	Balance of county	
049	000	2	999 9	Sullivan	105 0000
050	036	1	999 9	Tioga	107 0960
051	000	2		Tompkins	109 0000
			039 5	Ithaca	
			999 9	Balance of county	
052	000	2		Ulster	111 0000
			044 6	Kingston	
			999 9	Balance of county	
053	115	1		Warren	113 2975
			030 6	Glens Falls	
			999 9	Balance of county	
054	115	1	999 9	Washington	115 2975
055	248	1		Wayne	117 6840
			057 6	Newark	
			999 9	Balance of county	
056	206	1		Westchester	119 5600
			017 6	Dobbs Ferry	
			034 6	Harrison	
			051 6	Mamaroneck	
			056 4	Mount Vernon	
			059 4	New Rochelle	
			068 6	Ossining	
			071 6	Peekskill	
			074 6	Port Chester	
			083 6	Rye	
			085 6	Scarsdale	
			090 6	Tarrytown	
			100 5	White Plains	
			101 3	Yonkers	
			102 5	Yorktown town	
			999 9	Balance of county	
057	000	2	999 9	Wyoming	121 0000
058	000	2	999 9	Yates	123 0000

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

Vital Statistics Codes		FIPS Codes			
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
34			North Carolina	37	
001	051	1	Alamance	001	1300
		005 5	Burlington		
		999 9	Balance of county		
002	127	1	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

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

Vital Statistics Codes					FIPS Codes	
St	Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
34					North Carolina	37
	040	000	2	999 9	Greene	079 0000
	041	121	1		Guilford	081 3120
				017 3	Greensboro	
				022 4	High Point, part	
				999 9	Balance of county	
	042	000	2		Halifax	083 0000
				034 6	Roanoke Rapids	
				999 9	Balance of county	
	043	000	2	999 9	Harnett	085 0000
	044	000	2	999 9	Haywood	087 0000
	045	000	2	999 9	Henderson	089 0000
	046	000	2	999 9	Hertford	091 0000
	047	000	2	999 9	Hoke	093 0000
	048	000	2	999 9	Hyde	095 0000
	049	000	2		Iredell	097 0000
				039 6	Statesville	
				999 9	Balance of county	
	050	000	2	999 9	Jackson	099 0000
	051	000	2	999 9	Johnston	101 0000
	052	000	2	999 9	Jones	103 0000
	053	000	2		Lee	105 0000
				037 6	Sanford	
				999 9	Balance of county	
	054	000	2		Lenoir	107 0000
				024 5	Kinston	
				999 9	Balance of county	
	055	059	1	999 9	Lincoln	109 1520
	056	000	2	999 9	McDowell	111 0000
	057	000	2	999 9	Macon	113 0000
	058	000	2	999 9	Madison	115 0000
	059	000	2	999 9	Martin	117 0000
	060	059	1		Mecklenburg	119 1520
				008 2	Charlotte	
				999 9	Balance of county	
	061	000	2	999 9	Mitchell	121 0000
	062	000	2	999 9	Montgomery	123 0000
	063	000	2	999 9	Moore	125 0000
	064	000	2		Nash	127 0000
				035 5	Rocky Mount, part	
				999 9	Balance of county	
	065	314	1		New Hanover	129 9200
				041 5	Wilmington	
				999 9	Balance of county	
	066	000	2	999 9	Northampton	131 0000
	067	139	1		Onslow	133 3605
				023 6	Jacksonville	
				999 9	Balance of county	
	068	238	1		Orange	135 6640
				007 5	Chapel Hill, part	
				999 9	Balance of county	
	069	000	2	999 9	Pamlico	137 0000
	070	000	2		Pasquotank	139 0000
				012 6	Elizabeth City, part	
				999 9	Balance of county	
	071	000	2	999 9	Pender	141 0000
	072	000	2	999 9	Perquimans	143 0000
	073	000	2	999 9	Person	145 0000
	074	000	2		Pitt	147 0000
				018 5	Greenville	
				999 9	Balance of county	
	075	000	2	999 9	Polk	149 0000
	076	121	1		Randolph	151 3120
				002 6	Asheboro	
				022 4	High Point, part	
				999 9	Balance of county	
	077	000	2	999 9	Richmond	153 0000
	078	000	2		Robeson	155 0000
				028 6	Lumberton	
				999 9	Balance of county	
	079	000	2		Rockingham	157 0000
				011 6	Eden	
				033 6	Reidsville	
				999 9	Balance of county	
	080	059	1		Rowan	159 1520
				036 6	Salisbury	

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

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

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

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

Vital Statistics Codes					FIPS Codes		
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
36					Ohio	39	
	040	000	2	999 9	Jackson	079	0000
	041	283	1		Jefferson	081	8080
				119 5	Steubenville		
				999 9	Balance of county		
	042	000	2		Knox	083	0000
				083 6	Mount Vernon		
				999 9	Balance of county		
	043	067	1		Lake	085	1680
				041 6	Eastlake		
				078 5	Mentor		
				097 6	Painesville		
				142 6	Wickliffe		
				143 6	Willoughby		
				144 6	Willowick		
				999 9	Balance of county		
	044	131	1		Lawrence	087	3400
				062 6	Ironton		
				999 9	Balance of county		
	045	072	1		Licking	089	1840
				084 5	Newark		
				105 6	Reynoldsburg, part		
				999 9	Balance of county		
	046	000	2		Logan	091	0000
				013 6	Bellefontaine		
				999 9	Balance of county		
	047	173	1		Lorain	093	4440
				003 6	Amherst		
				007 6	Avon Lake		
				043 4	Elyria		
				068 4	Lorain		
				090 6	North Ridgeville		
				113 6	Sheffield Lake		
				133 6	Vermilion, part		
				999 9	Balance of county		
	048	291	1		Lucas	095	8400
				075 6	Maumee		
				085 6	Oregon		
				123 6	Sylvania		
				126 2	Toledo		
				999 9	Balance of county		
	049	072	1	999 9	Madison	097	1840
	050	318	1		Mahoning	099	9320
				002 6	Alliance, part		
				024 6	Campbell		
				122 6	Struthers		
				149 3	Youngstown, part		
				999 9	Balance of county		
	051	000	2		Marion	101	0000
				073 5	Marion		
				999 9	Balance of county		
	052	067	1		Medina	103	1680
				021 5	Brunswick		
				077 6	Medina		
				134 6	Wadsworth		
				999 9	Balance of county		
	053	000	2	999 9	Meigs	105	0000
	054	000	2	999 9	Mercer	107	0000
	055	078	1		Miami	109	2000
				101 6	Piqua		
				127 6	Troy		
				999 9	Balance of county		
	056	000	2	999 9	Monroe	111	0000
	057	078	1		Montgomery	113	2000
				026 6	Centerville		
				036 3	Dayton, part		
				044 6	Englewood		
				061 5	Huber Heights		
				064 4	Kettering		
				079 6	Miamisburg		
				131 6	Vandalia		
				138 6	West Carrollton		
				999 9	Balance of county		
	058	000	2	999 9	Morgan	115	0000
	059	000	2	999 9	Morrow	117	0000

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

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA	
36				Ohio	39		
	060	000	2	Muskingum		119	0000
			150 5	Zanesville			
			999 9	Balance of county			
	061	000	2	Noble		121	0000
	062	000	2	Ottawa		123	0000
	063	000	2	Paulding		125	0000
	064	000	2	Perry		127	0000
	065	072	1	Pickaway		129	1840
			029 6	Circleville			
			999 9	Balance of county			
	066	000	2	Pike		131	0000
	067	002	1	Portage		133	0080
			063 5	Kent			
			103 6	Ravenna			
			999 9	Balance of county			
	068	000	2	Preble		135	0000
	069	000	2	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	Union		159	1840
	081	000	2	Van Wert		161	0000
			132 6	Van Wert			
			999 9	Balance of county			
	082	000	2	Vinton		163	0000
	083	065	1	Warren		165	1640
			052 6	Franklin			
			999 9	Balance of county			
	084	221	1	Washington		167	6020
			072 6	Marietta			
			999 9	Balance of county			
	085	000	2	Wayne		169	0000
			146 6	Wooster			
			999 9	Balance of county			

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

Vital Statistics Codes

FIPS Codes

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
36					Ohio	39	
086	000	2	999	9	Williams	171	0000
087	291	1			Wood	173	8400
			016	5	Bowling Green		
			051	6	Fostoria, part		
			100	6	Perrysburg		
			999	9	Balance of county		
088	000	2	999	9	Wyandot	175	0000

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

Vital Statistics Codes					FIPS Codes				
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
37						Oklahoma	40		
	001	000	2	999	9	Adair		001	0000
	002	000	2	999	9	Alfalfa		003	0000
	003	000	2	999	9	Atoka		005	0000
	004	000	2	999	9	Beaver		007	0000
	005	000	2	999	9	Beckham		009	0000
	006	000	2	999	9	Blaine		011	0000
	007	000	2			Bryan		013	0000
				011	6	Durant			
				999	9	Balance of county			
	008	000	2	999	9	Caddo		015	0000
	009	213	1			Canadian		017	5880
				013	6	El Reno			
				023	2	Oklahoma City, part			
				033	6	Yukon			
				999	9	Balance of county			
	010	000	2			Carter		019	0000
				003	6	Ardmore			
				999	9	Balance of county			
	011	000	2	999	9	Cherokee		021	0000
	012	000	2	999	9	Choctaw		023	0000
	013	000	2	999	9	Cimarron		025	0000
	014	213	1			Cleveland		027	5880
				020	5	Moore			
				022	4	Norman			
				023	2	Oklahoma City, part			
				999	9	Balance of county			
	015	000	2	999	9	Coal		029	0000
	016	166	1			Comanche		031	4200
				016	4	Lawton			
				999	9	Balance of county			
	017	000	2	999	9	Cotton		033	0000
	018	000	2	999	9	Craig		035	0000
	019	295	1			Creek		037	8560
				027	6	Sapulpa			
				999	9	Balance of county			
	020	000	2	999	9	Custer		039	0000
	021	000	2	999	9	Delaware		041	0000
	022	000	2	999	9	Dewey		043	0000
	023	000	2	999	9	Ellis		045	0000
	024	092	1			Garfield		047	2340
				014	4	Enid			
				999	9	Balance of county			
	025	000	2	999	9	Garvin		049	0000
	026	000	2			Grady		051	0000
				007	6	Chickasha			
				999	9	Balance of county			
	027	000	2	999	9	Grant		053	0000
	028	000	2	999	9	Greer		055	0000
	029	000	2	999	9	Harmon		057	0000
	030	000	2	999	9	Harper		059	0000
	031	000	2	999	9	Haskell		061	0000
	032	000	2	999	9	Hughes		063	0000
	033	000	2			Jackson		065	0000
				002	6	Altus			
				999	9	Balance of county			
	034	000	2	999	9	Jefferson		067	0000
	035	000	2	999	9	Johnston		069	0000
	036	000	2			Kay		071	0000
				025	5	Ponca City			
				999	9	Balance of county			
	037	000	2	999	9	Kingfisher		073	0000
	038	000	2	999	9	Kiowa		075	0000
	039	000	2	999	9	Latimer		077	0000
	040	000	2	999	9	Le Flore		079	0000
	041	000	2	999	9	Lincoln		081	0000
	042	213	1			Logan		083	5880
				015	6	Guthrie			
				999	9	Balance of county			
	043	000	2	999	9	Love		085	0000
	044	213	1			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
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	
38						Oregon	41
	001	000	2	999	9	Baker	001 0000
	002	000	2			Benton	003 0000
				001	5	Albany, part	
				007	5	Corvallis	
				999	9	Balance of county	
	003	231	1			Clackamas	005 6440
				015	6	Lake Oswego, part	
				019	6	Milwaukie, part	
				021	6	Oregon City	
				023	2	Portland, part	
				028	6	West Linn	
				999	9	Balance of county	
	004	000	2	999	9	Clatsop	007 0000
	005	000	2	999	9	Columbia	009 0000
	006	000	2			Coos	011 0000
				006	6	Coos Bay	
				999	9	Balance of county	
	007	000	2	999	9	Crook	013 0000
	008	000	2	999	9	Curry	015 0000
	009	000	2			Deschutes	017 0000
				004	6	Bend	
				999	9	Balance of county	
	010	000	2			Douglas	019 0000
				024	6	Roseburg	
				999	9	Balance of county	
	011	000	2	999	9	Gilliam	021 0000
	012	000	2	999	9	Grant	023 0000
	013	000	2	999	9	Harney	025 0000
	014	000	2	999	9	Hood River	027 0000
	015	183	1			Jackson	029 4890
				002	6	Ashland	
				018	5	Medford	
				999	9	Balance of county	
	016	000	2	999	9	Jefferson	031 0000
	017	000	2			Josephine	033 0000
				010	6	Grants Pass	
				999	9	Balance of county	
	018	000	2			Klamath	035 0000
				013	6	Klamath Falls	
				999	9	Balance of county	
	019	000	2	999	9	Lake	037 0000
	020	094	1			Lane	039 2400
				008	3	Eugene	
				026	5	Springfield	
				999	9	Balance of county	
	021	000	2	999	9	Lincoln	041 0000
	022	000	2			Linn	043 0000
				001	5	Albany, part	
				016	6	Lebanon	
				999	9	Balance of county	
	023	000	2	999	9	Malheur	045 0000
	024	255	1			Marion	047 7080
				025	4	Salem, part	
				029	6	Woodburn	
				999	9	Balance of county	
	025	000	2	999	9	Morrow	049 0000
	026	231	1			Multnomah	051 6440
				011	5	Gresham	
				015	6	Lake Oswego, part	
				019	6	Milwaukie, part	
				023	2	Portland, part	
				999	9	Balance of county	
	027	255	1			Polk	053 7080
				025	4	Salem, part	
				999	9	Balance of county	
	028	000	2	999	9	Sherman	055 0000
	029	000	2	999	9	Tillamook	057 0000
	030	000	2			Umatilla	059 0000
				022	6	Pendleton	
				999	9	Balance of county	
	031	000	2			Union	061 0000
				014	6	La Grande	
				999	9	Balance of county	
	032	000	2	999	9	Wallowa	063 0000

Vital Statistics Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						FIPS Codes	
Vital Statistics Codes						St Cnty MSA	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
38					Oregon	41	
	033	000	2		Wasco	065	0000
				005	6 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		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.					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
	001	317	1	999	9 Adams	001 9280
	002	228	1		Allegheny	003 6280
				006	6 Baldwin	
				008	6 Bellevue	
				011	5 Bethel Park	
				015	6 Brentwood	
				022	6 Carnegie	
				023	6 Castle Shannon	
				027	6 Clairton	
				033	6 Dormont	
				035	6 Duquesne	
				039	6 Elizabeth township	
				047	6 Harrison township	
				069	5 McCandless township	
				070	5 McKeesport	
				079	5 Monroeville	
				080	5 Mount Lebanon township	
				082	6 Munhall	
				092	6 North Versailles township	
				095	4 Penn Hills township	
				098	2 Pittsburgh	
				099	5 Plum	
				106	5 Ross township	
				108	6 Scott township	
				110	5 Shaler township	
				113	6 South Park township	
				122	6 Swissvale	
				131	6 Upper St. Clair township	
				138	5 West Mifflin	
				140	6 Whitehall	
				144	6 Wilkinsburg	
				999	9 Balance of county	
	003	000	2	999	9 Armstrong	005 0000
	004	030	1		Beaver	007 0845
				002	6 Aliquippa	
				007	6 Beaver Falls	
				999	9 Balance of county	
	005	000	2	999	9 Bedford	009 0000
	006	240	1		Berks	011 6680
				081	6 Muhlenberg township	
				104	4 Reading	
				999	9 Balance of county	
	007	008	1		Blair	013 0280
				004	4 Altoona	
				999	9 Balance of county	
	008	000	2	999	9 Bradford	015 0000
	009	225	1		Bucks	017 6160
				009	4 Bensalem township	
				016	6 Bristol	
				017	4 Bristol township	
				043	5 Falls township	
				068	6 Lower Southampton township	
				075	5 Middletown township	
				090	5 Northampton township	
				132	6 Upper Southampton township	
				133	5 Warminster township	
				999	9 Balance of county	
	010	000	2		Butler	019 0000
				018	6 Butler	
				999	9 Balance of county	
	011	144	1		Cambria	021 3680
				054	5 Johnstown	
				999	9 Balance of county	
	012	000	2	999	9 Cameron	023 0000
	013	007	1	999	9 Carbon	025 0240
	014	282	1		Centre	027 8050
				118	5 State College	
				999	9 Balance of county	
	015	225	1		Chester	029 6160
				028	6 Coatesville	
				097	6 Phoenixville	
				124	6 Tredyffrin township	
				136	6 West Chester	
				137	6 West Goshen township	

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
39				Pennsylvania	42
			999 9	Balance of county	
016	000	2	999 9	Clarion	031 0000
017	000	2	999 9	Clearfield	033 0000
018	000	2	999 9	Clinton	035 0000
019	269	1		Columbia	037 7560
			010 6	Berwick	
			013 6	Bloomsburg	
			999 9	Balance of county	
020	000	2		Crawford	039 0000
			073 6	Meadville	
			999 9	Balance of county	
021	125	1		Cumberland	041 3240
			021 6	Carlisle	
			038 6	East Pennsboro township	
			062 6	Lower Allen township	
			999 9	Balance of county	
022	125	1		Dauphin	043 3240
			046 4	Harrisburg	
			066 5	Lower Paxton township	
			074 6	Middletown	
			120 6	Susquehanna township	
			121 6	Swatara township	
			999 9	Balance of county	
023	225	1		Delaware	045 6160
			005 6	Aston township	
			026 5	Chester	
			031 6	Darby	
			032 6	Darby township	
			049 4	Haverford township	
			059 6	Lansdowne	
			072 6	Marple township	
			076 6	Middletown township	
			085 6	Nether Providence township	
			088 6	Newtown township	
			103 5	Radnor township	
			105 5	Ridley township	
			115 5	Springfield township	
			126 6	Upper Chichester township	
			127 4	Upper Darby township	
			146 6	Yeadon	
			999 9	Balance of county	
024	000	2	999 9	Elk	047 0000
025	093	1		Erie	049 2360
			042 3	Erie	
			077 5	Millcreek township	
			999 9	Balance of county	
026	228	1		Fayette	051 6280
			030 6	Connellsville	
			125 6	Uniontown	
			999 9	Balance of county	
027	000	2	999 9	Forest	053 0000
028	000	2		Franklin	055 0000
			024 6	Chambersburg	
			999 9	Balance of county	
029	000	2	999 9	Fulton	057 0000
030	000	2	999 9	Greene	059 0000
031	000	2	999 9	Huntingdon	061 0000
032	000	2		Indiana	063 0000
			052 6	Indiana	
			999 9	Balance of county	
033	000	2	999 9	Jefferson	065 0000
034	000	2	999 9	Juniata	067 0000
035	269	1		Lackawanna	069 7560
			020 6	Carbondale	
			034 6	Dunmore	
			109 4	Scranton	
			999 9	Balance of county	
036	160	1		Lancaster	071 4000
			029 6	Columbia	
			041 6	Ephrata	
			056 4	Lancaster	
			057 6	Lancaster township	
			071 5	Manheim township	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						Page 88	
Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
39					Pennsylvania	42	
037	000	2			Lawrence	073	0000
			086	5	New Castle		
			999	9	Balance of county		
038	125	1			Lebanon	075	3240
			061	5	Lebanon		
			999	9	Balance of county		
039	007	1			Lehigh	077	0240
			003	3	Allentown		
			012	4	Bethlehem, part		
			040	6	Emmaus		
			107	6	Salisbury township		
			141	6	Whitehall township		
			999	9	Balance of county		
040	269	1			Luzerne	079	7560
			050	5	Hazleton		
			055	6	Kingston		
			084	6	Nanticoke		
			143	4	Wilkes-Barre		
			999	9	Balance of county		
041	312	1			Lycoming	081	9140
			145	5	Williamsport		
			999	9	Balance of county		
042	000	2			McKean	083	0000
			014	6	Bradford		
			999	9	Balance of county		
043	271	1			Mercer	085	7610
			112	6	Sharon		
			999	9	Balance of county		
044	000	2			Mifflin	087	0000
045	269	1			Monroe	089	7560
046	225	1			Montgomery	091	6160
			001	4	Abington township		
			025	5	Cheltenham township		
			036	6	East Norriton township		
			048	6	Hatfield township		
			058	6	Lansdale		
			064	4	Lower Merion township		
			065	6	Lower Moreland township		
			067	6	Lower Providence township		
			089	5	Norristown		
			100	6	Plymouth township		
			101	6	Pottstown		
			116	5	Springfield township		
			123	6	Towamencin township		
			128	6	Upper Dublin township		
			129	5	Upper Merion township		
			130	5	Upper Moreland township		
			139	6	West Norriton township		
			142	6	Whitemarsh township		
			999	9	Balance of county		
047	000	2			Montour	093	0000
048	007	1			Northampton	095	0240
			012	4	Bethlehem, part		
			037	5	Easton		
			094	6	Palmer township		
			999	9	Balance of county		
049	000	2			Northumberland	097	0000
			111	6	Shamokin		
			119	6	Sunbury		
			999	9	Balance of county		
050	125	1			Perry	099	3240
051	225	1			Philadelphia, coext. with Philadelphia city	101	6160
052	000	2			Pike	103	0000
053	000	2			Potter	105	0000
054	000	2			Schuylkill	107	0000
			102	6	Pottsville		
			999	9	Balance of county		
055	000	2			Snyder	109	0000
056	144	1			Somerset	111	3680
057	000	2			Sullivan	113	0000
058	000	2			Susquehanna	115	0000
059	000	2			Tioga	117	0000
060	000	2			Union	119	0000
061	000	2			Venango	121	0000
			093	6	Oil City		

Vital Statistics Geographic Code Outline

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

Vital Statistics Codes				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	

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	St Cnty	MSA
40					Rhode Island	44	
001	234	1			Bristol	001	6483
			001	6	Barrington town		
			002	6	Bristol town		
			014	6	Warren town		
			999	9	Balance of county		
002	234	1			Kent	003	6483
			004	5	Coventry town		
			015	4	Warwick		
			016	5	West Warwick town		
			999	9	Balance of county		
003	000	2			Newport	005	0000
			009	6	Middletown town		
			010	5	Newport		
			999	9	Balance of county		
004	234	1			Providence	007	6483
			003	6	Central Falls		
			005	4	Cranston		
			006	5	Cumberland town		
			007	4	East Providence		
			008	6	Johnston town		
			011	5	North Providence town		
			012	4	Pawtucket		
			013	3	Providence		
			017	5	Woonsocket		
			999	9	Balance of county		
005	234	1	999	9	Washington	009	6483

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

Vital Statistics Codes					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	999	9	Saluda	081	0000	
	042	122	1			Spartanburg	083	3160	
				014	6	Greer, part			
				023	5	Spartanburg			
				999	9	Balance of county			
	043	000	2			Sumter	085	0000	
				024	6	Sumter			
				999	9	Balance of county			
	044	000	2			Union	087	0000	
				025	6	Union			
				999	9	Balance of county			
	045	000	2	999	9	Williamsburg	089	0000	
	046	059	1			York	091	1520	
				022	5	Rock Hill			
				999	9	Balance of county			

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

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



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

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

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

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

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

Vital Statistics Codes					FIPS Codes				
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
43						Tennessee	47		
	042	000	2	999	9	Houston		083	0000
	043	000	2	999	9	Humphreys		085	0000
	044	000	2	999	9	Jackson		087	0000
	045	152	1	999	9	Jefferson		089	3840
	046	000	2	999	9	Johnson		091	0000
	047	152	1			Knox		093	3840
				021	3	Knoxville			
				999	9	Balance of county			
	048	000	2	999	9	Lake		095	0000
	049	000	2	999	9	Lauderdale		097	0000
	050	000	2			Lawrence		099	0000
				022	6	Lawrenceburg			
				999	9	Balance of county			
	051	000	2	999	9	Lewis		101	0000
	052	000	2	999	9	Lincoln		103	0000
	053	000	2	999	9	Loudon		105	0000
	054	000	2			McMinn		107	0000
				001	6	Athens			
				999	9	Balance of county			
	055	000	2	999	9	McNairy		109	0000
	056	000	2	999	9	Macon		111	0000
	057	137	1			Madison		113	3580
				018	5	Jackson			
				999	9	Balance of county			
	058	061	1	999	9	Marion		115	1560
	059	000	2	999	9	Marshall		117	0000
	060	000	2			Maury		119	0000
				007	5	Columbia			
				999	9	Balance of county			
	061	000	2	999	9	Meigs		121	0000
	062	000	2	999	9	Monroe		123	0000
	063	066	1			Montgomery		125	1660
				005	4	Clarksville			
				999	9	Balance of county			
	064	000	2	999	9	Moore		127	0000
	065	000	2	999	9	Morgan		129	0000
	066	000	2			Obion		131	0000
				037	6	Union City			
				999	9	Balance of county			
	067	000	2	999	9	Overton		133	0000
	068	000	2	999	9	Perry		135	0000
	069	000	2	999	9	Pickett		137	0000
	070	000	2	999	9	Polk		139	0000
	071	000	2			Putnam		141	0000
				008	6	Cookeville			
				999	9	Balance of county			
	072	000	2	999	9	Rhea		143	0000
	073	000	2			Roane		145	0000
				031	5	Oak Ridge, part			
				999	9	Balance of county			
	074	200	1			Robertson		147	5360
				035	6	Springfield			
				999	9	Balance of county			
	075	200	1			Rutherford		149	5360
				029	5	Murfreesboro			
				999	9	Balance of county			
	076	000	2	999	9	Scott		151	0000
	077	061	1	999	9	Sequatchie		153	1560
	078	152	1	999	9	Sevier		155	3840
	079	185	1			Shelby		157	4920
				002	6	Bartlett			
				014	6	Germantown			
				026	1	Memphis			
				027	6	Millington			
				999	9	Balance of county			
	080	000	2	999	9	Smith		159	0000
	081	000	2	999	9	Stewart		161	0000
	082	143	1			Sullivan		163	3660
				003	6	Bristol			
				020	5	Kingsport, part			
				999	9	Balance of county			
	083	200	1			Sumner		165	5360
				013	6	Gallatin			
				016	5	Hendersonville			

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

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

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

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

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
44				Texas	48
037	000	2		Cherokee	073 0000
			070 6	Jacksonville	
			999 9	Balance of county	
038	000	2	999 9	Childress	075 0000
039	000	2	999 9	Clay	077 0000
040	000	2	999 9	Cochran	079 0000
041	000	2	999 9	Coke	081 0000
042	000	2	999 9	Coleman	083 0000
043	075	1		Collin	085 1920
			029 5	Carrollton, part	
			036 1	Dallas, part	
			057 3	Garland, part	
			088 6	McKinney	
			111 4	Plano, part	
			116 4	Richardson, part	
			999 9	Balance of county	
044	000	2	999 9	Collingsworth	087 0000
045	000	2	999 9	Colorado	089 0000
046	259	1		Comal	091 7240
			099 6	New Braunfels, part	
			999 9	Balance of county	
047	000	2	999 9	Comanche	093 0000
048	000	2	999 9	Concho	095 0000
049	000	2		Cooke	097 0000
			055 6	Gainesville	
			999 9	Balance of county	
050	151	1		Coryell	099 3810
			033 6	Copperas Cove	
			999 9	Balance of county	
051	000	2	999 9	Cottle	101 0000
052	000	2	999 9	Crane	103 0000
053	000	2	999 9	Crockett	105 0000
054	000	2	999 9	Crosby	107 0000
055	000	2	999 9	Culberson	109 0000
056	000	2	999 9	Dallam	111 0000
057	075	1		Dallas	113 1920
			010 6	Balch Springs	
			029 5	Carrollton, part	
			036 1	Dallas, part	
			041 6	De Soto	
			043 5	Duncanville	
			050 6	Farmers Branch	
			057 3	Garland, part	
			058 4	Grand Prairie, part	
			059 6	Grapevine, part	
			069 3	Irving	
			078 6	Lancaster	
			091 4	Mesquite	
			116 4	Richardson, part	
			139 6	University Park	
			999 9	Balance of county	
058	000	2		Dawson	115 0000
			077 6	Lamesa	
			999 9	Balance of county	
059	000	2		Deaf Smith	117 0000
			065 6	Hereford	
			999 9	Balance of county	
060	000	2	999 9	Delta	119 0000
061	075	1		Denton	121 1920
			029 5	Carrollton, part	
			036 1	Dallas, part	
			040 5	Denton	
			083 6	Lewisville	
			111 4	Plano, part	
			136 6	The Colony	
			999 9	Balance of county	
062	000	2	999 9	De Witt	123 0000
063	000	2	999 9	Dickens	125 0000
064	000	2	999 9	Dimmit	127 0000
065	000	2	999 9	Donley	129 0000
066	000	2	999 9	Duval	131 0000
067	000	2	999 9	Eastland	133 0000
068	212	1		Ector	135 5800
			101 4	Odessa	

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

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
44				Texas		48
			999 9	Balance of county		
069	000	2	999 9	Edwards	137	0000
070	075	1		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



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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
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	

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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
				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	

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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
44				Texas		48
			014 6	Bedford		
			018 6	Benbrook		
			027 6	Burleson, part		
			049 6	Eules		
			051 6	Forest Hill		
			052 2	Fort Worth		
			058 4	Grand Prairie, part		
			059 6	Grapevine, part		
			062 5	Haltom City		
			068 5	Hurst		
			100 5	North Richland Hills		
			145 6	Watauga		
			150 6	White Settlement		
			999 9	Balance of county		
221	001	1		Taylor	441	0040
			001 4	Abilene, part		
			999 9	Balance of county		
222	000	2	999 9	Terrell	443	0000
223	000	2		Terry	445	0000
			022 6	Brownfield		
			999 9	Balance of county		
224	000	2	999 9	Throckmorton	447	0000
225	000	2		Titus	449	0000
			096 6	Mount Pleasant		
			999 9	Balance of county		
226	258	1		Tom Green	451	7200
			120 4	San Angelo		
			999 9	Balance of county		
227	023	1		Travis	453	0640
			009 2	Austin, part		
			119 6	Round Rock, part		
			999 9	Balance of county		
228	000	2	999 9	Trinity	455	0000
229	000	2	999 9	Tyler	457	0000
230	000	2	999 9	Upshur	459	0000
231	000	2	999 9	Upton	461	0000
232	000	2		Uvalde	463	0000
			140 6	Uvalde		
			999 9	Balance of county		
233	000	2		Val Verde	465	0000
			038 5	Del Rio		
			999 9	Balance of county		
234	000	2	999 9	Van Zandt	467	0000
235	301	1		Victoria	469	8750
			142 4	Victoria		
			999 9	Balance of county		
236	000	2		Walker	471	0000
			067 6	Huntsville		
			999 9	Balance of county		
237	130	1	999 9	Waller	473	3360
238	000	2	999 9	Ward	475	0000
239	000	2		Washington	477	0000
			021 6	Brenham		
			999 9	Balance of county		
240	162	1		Webb	479	4080
			080 4	Laredo		
			999 9	Balance of county		
241	000	2		Wharton	481	0000
			046 6	El Campo		
			999 9	Balance of county		
242	000	2	999 9	Wheeler	483	0000
243	311	1		Wichita	485	9080
			026 6	Burkburnett		
			151 4	Wichita Falls, part		
			999 9	Balance of county		
244	000	2		Wilbarger	487	0000
			141 6	Vernon		
			999 9	Balance of county		
245	000	2	999 9	Willacy	489	0000
246	023	1		Williamson	491	0640
			009 2	Austin, part		
			119 6	Round Rock, part		
			131 6	Taylor		
			999 9	Balance of county		

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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
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

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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
45				Utah	49
	001	000	2 999 9	Beaver	001 0000
	002	000	2	Box Elder	003 0000
			003 6	Brigham City	
			999 9	Balance of county	
	003	000	2	Cache	005 0000
			007 5	Logan	
			999 9	Balance of county	
	004	000	2 999 9	Carbon	007 0000
	005	000	2 999 9	Daggett	009 0000
	006	257	1	Davis	011 7160
			002 5	Bountiful	
			005 6	Clearfield	
			006 6	Layton	
			999 9	Balance of county	
	007	000	2 999 9	Duchesne	013 0000
	008	000	2 999 9	Emery	015 0000
	009	000	2 999 9	Garfield	017 0000
	010	000	2 999 9	Grand	019 0000
	011	000	2	Iron	021 0000
			004 6	Cedar City	
			999 9	Balance of county	
	012	000	2 999 9	Juab	023 0000
	013	000	2 999 9	Kane	025 0000
	014	000	2 999 9	Millard	027 0000
	015	000	2 999 9	Morgan	029 0000
	016	000	2 999 9	Piute	031 0000
	017	000	2 999 9	Rich	033 0000
	018	257	1	Salt Lake	035 7160
			008 6	Midvale	
			009 5	Murray	
			016 3	Salt Lake City	
			017 4	Sandy City	
			019 6	South Salt Lake	
			022 5	West Jordan	
			999 9	Balance of county	
	019	000	2 999 9	San Juan	037 0000
	020	000	2 999 9	Sanpete	039 0000
	021	000	2 999 9	Sevier	041 0000
	022	000	2 999 9	Summit	043 0000
	023	000	2	Tooele	045 0000
			021 6	Tooele	
			999 9	Balance of county	
	024	000	2 999 9	Uintah	047 0000
	025	235	1	Utah	049 6520
			001 6	American Fork	
			011 4	Orem	
			012 6	Pleasant Grove	
			013 4	Provo	
			020 6	Springville	
			999 9	Balance of county	
	026	000	2 999 9	Wasatch	051 0000
	027	000	2	Washington	053 0000
			015 6	St. George	
			999 9	Balance of county	
	028	000	2 999 9	Wayne	055 0000
	029	257	1	Weber	057 7160
			010 4	Ogden	
			014 6	Roy	
			018 6	South Ogden	
			999 9	Balance of county	

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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
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

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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
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

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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
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	Sunny	181 0000
	125	000	2 999 9	Sussex	183 0000
	126	000	2 999 9	Tazewell	185 0000
	127	209	1 032 2	Virginia Beach city	810 5720
	128	000	2	Warren	187 0000
			012 6	Front Royal	
			999 9	Balance of county	
	129	143	1 999 9	Washington	191 3660
	130	000	2 033 6	Waynesboro city	820 0000
	131	000	2 999 9	Westmoreland	193 0000
	132	209	1 999 9	Williamsburg city	830 5720
	133	000	2 034 6	Winchester city	840 0000
	134	000	2 999 9	Wise	195 0000
	135	000	2 999 9	Wythe	197 0000
	136	209	1 999 9	York	199 5720



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

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
48					Washington	53
001	000	2	999	9	Adams	001 0000
002	000	2	999	9	Asotin	003 0000
003	243	1			Benton	005 6740
			011	5	Kennewick	
			029	5	Richland	
			999	9	Balance of county	
004	000	2			Chelan	007 0000
			035	6	Wenatchee	
			999	9	Balance of county	
005	000	2			Clallam	009 0000
			024	6	Port Angeles	
			999	9	Balance of county	
006	300	1			Clark	011 8725
			033	5	Vancouver	
			999	9	Balance of county	
007	000	2	999	9	Columbia	013 0000
008	000	2			Cowlitz	015 0000
			010	6	Kelso	
			015	5	Longview	
			999	9	Balance of county	
009	000	2	999	9	Douglas	017 0000
010	000	2	999	9	Ferry	019 0000
011	243	1			Franklin	021 6740
			023	6	Pasco	
			999	9	Balance of county	
012	000	2	999	9	Garfield	023 0000
013	000	2			Grant	025 0000
			018	6	Moses Lake	
			999	9	Balance of county	
014	000	2			Grays Harbor	027 0000
			001	6	Aberdeen	
			999	9	Balance of county	
015	000	2			Island	029 0000
			021	6	Oak Harbor	
			999	9	Balance of county	
016	000	2	999	9	Jefferson	031 0000
017	270	1			King	033 7600
			002	5	Auburn	
			003	4	Bellevue	
			012	6	Kent	
			013	6	Kirkland	
			017	6	Mercer Island	
			027	6	Redmond	
			028	5	Renton	
			030	2	Seattle	
			999	9	Balance of county	
018	046	1			Kitsap	035 1150
			005	5	Bremerton	
			999	9	Balance of county	
019	000	2			Kittitas	037 0000
			008	6	Ellensburg	
			999	9	Balance of county	
020	000	2	999	9	Klickitat	039 0000
021	000	2			Lewis	041 0000
			006	6	Centralia	
			999	9	Balance of county	
022	000	2	999	9	Lincoln	043 0000
023	000	2	999	9	Mason	045 0000
024	000	2	999	9	Okanogan	047 0000
025	000	2	999	9	Pacific	049 0000
026	000	2	999	9	Pend Oreille	051 0000
027	286	1			Pierce	053 8200
			026	6	Puyallup	
			032	3	Tacoma	
			999	9	Balance of county	
028	000	2	999	9	San Juan	055 0000
029	000	2			Skagit	057 0000
			020	6	Mount Vernon	
			999	9	Balance of county	
030	000	2	999	9	Skamania	059 0000
031	270	1			Snohomish	061 7600
			007	5	Edmonds	
			009	4	Everett	
			016	6	Lynnwood	

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

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
48					Washington	53	
			019	6	Mountlake Terrace		
			999	9	Balance of county		
032	278	1			Spokane	063	7840
			031	3	Spokane		
			999	9	Balance of county		
033	000	2	999	9	Stevens	065	0000
034	214	1			Thurston	067	5910
			014	6	Lacey		
			022	5	Olympia		
			999	9	Balance of county		
035	000	2	999	9	Wahkiakum	069	0000
036	000	2			Walla Walla	071	0000
			034	5	Walla Walla		
			999	9	Balance of county		
037	031	1			Whatcom	073	0860
			004	5	Bellingham		
			999	9	Balance of county		
038	000	2			Whitman	075	0000
			025	6	Pullman		
			999	9	Balance of county		
039	316	1			Yakima	077	9260
			036	5	Yakima		
			999	9	Balance of county		

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

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

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

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
49					West Virginia	54
	048	000	2	999 9	Tyler	095 0000
	049	000	2	999 9	Upshur	097 0000
	050	131	1		Wayne	099 3400
				006 4	Huntington, part	
				999 9	Balance of county	
	051	000	2	999 9	Webster	101 0000
	052	000	2	999 9	Wetzel	103 0000
	053	000	2	999 9	Wirt	105 0000
	054	221	1		Wood	107 6020
				010 5	Parkersburg	
				013 6	Vienna	
				999 9	Balance of county	
	055	000	2	999 9	Wyoming	109 0000

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

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
50					Wisconsin	55	
	001	000	2	999	9 Adams		001 0000
	002	000	2	999	9 Ashland		003 0000
	003	000	2	999	9 Barron		005 0000
	004	000	2	999	9 Bayfield		007 0000
	005	120	1		Brown		009 3080
				001	6 Allouez town		
				003	6 Ashwaubenon		
				010	6 De Pere		
				016	4 Green Bay		
				999	9 Balance of county		
	006	000	2	999	9 Buffalo		011 0000
	007	000	2	999	9 Burnett		013 0000
	008	016	1		Calumet		015 0460
				002	4 Appleton, part		
				999	9 Balance of county		
	009	088	1		Chippewa		017 2290
				008	6 Chippewa Falls		
				011	4 Eau Claire, part		
				999	9 Balance of county		
	010	000	2	999	9 Clark		019 0000
	011	000	2	999	9 Columbia		021 0000
	012	000	2	999	9 Crawford		023 0000
	013	179	1		Dane		025 4720
				023	3 Madison		
				031	6 Middleton		
				045	6 Sun Prairie		
				999	9 Balance of county		
	014	000	2		Dodge		027 0000
				004	6 Beaver Dam		
				048	6 Watertown, part		
				999	9 Balance of county		
	015	000	2	999	9 Door		029 0000
	016	087	1		Douglas		031 2240
				046	5 Superior		
				999	9 Balance of county		
	017	000	2		Dunn		033 0000
				029	6 Menomonie		
				999	9 Balance of county		
	018	088	1		Eau Claire		035 2290
				011	4 Eau Claire, part		
				999	9 Balance of county		
	019	000	2	999	9 Florence		037 0000
	020	000	2		Fond du Lac		039 0000
				012	5 Fond du Lac		
				999	9 Balance of county		
	021	000	2	999	9 Forest		041 0000
	022	000	2	999	9 Grant		043 0000
	023	000	2		Green		045 0000
				033	6 Monroe		
				999	9 Balance of county		
	024	000	2	999	9 Green Lake		047 0000
	025	000	2	999	9 Iowa		049 0000
	026	000	2	999	9 Iron		051 0000
	027	000	2	999	9 Jackson		053 0000
	028	000	2		Jefferson		055 0000
				048	6 Watertown, part		
				055	6 Whitewater, part		
				999	9 Balance of county		
	029	000	2	999	9 Juneau		057 0000
	030	150	1		Kenosha		059 3800
				021	4 Kenosha		
				999	9 Balance of county		
	031	000	2	999	9 Kewaunee		061 0000
	032	154	1		La Crosse		063 3870
				022	5 La Crosse		
				999	9 Balance of county		
	033	000	2	999	9 Lafayette		065 0000
	034	000	2	999	9 Langlade		067 0000
	035	000	2	999	9 Lincoln		069 0000
	036	000	2		Manitowoc		071 0000
				024	5 Manitowoc		
				047	6 Two Rivers		
				999	9 Balance of county		
	037	307	1		Marathon		073 8940
				026	6 Marshfield, part		

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

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

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

Vital Statistics Codes

FIPS Codes  
St Cnty MSA

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

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

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

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Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		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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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			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
059			Charlotte-Gastonia-Rock Hill, NC-SC MSA	1520		
	34		North Carolina		37	
		013	Cabarrus			025
		036	Gaston			071
		055	Lincoln			109
		060	Mecklenburg			119
		080	Rowan			159
		090	Union			179
	41		South Carolina		45	
		046	York			091
060			Charlottesville, VA MSA	1540		
	47		Virginia		51	
		002	Albemarle			003
		025	Charlottesville city			540
		045	Fluvanna			065
		055	Greene			079
061			Chattanooga, TN-GA MSA	1560		
	11		Georgia		13	
		023	Catoosa			047
		041	Dade			083
		146	Walker			295
	43		Tennessee		47	
		033	Hamilton			065
		058	Marion			115
		077	Sequatchie			153
062			Cheyenne, WY MSA	1580		
	51		Wyoming		56	
		011	Laramie			021
063			Chicago, IL PMSA	1600		
	14		Illinois		17	
		016	Cook			031
		022	Du Page			043
		056	McHenry			111
064			Chico, CA MSA	1620		
	05		California		06	
		004	Butte			007
065			Cincinnati, OH-KY-IN PMSA	1640		
	15		Indiana		18	
		015	Dearborn			029
	18		Kentucky		21	
		008	Boone			015
		019	Campbell			037
		059	Kenton			117
	36		Ohio		39	
		013	Clermont			025
		031	Hamilton			061
		083	Warren			165
066			Clarksville-Hopkinsville, TN-KY MSA	1660		
	18		Kentucky		21	
		024	Christian			047
	43		Tennessee		47	
		063	Montgomery			125
067			Cleveland, OH PMSA	1680		
	36		Ohio		39	
		018	Cuyahoga			035
		028	Geauga			055
		043	Lake			085
		052	Medina			103
068			Colorado Springs, CO MSA	1720		
	06		Colorado		08	
		021	El Paso			041
069			Columbia, MO MSA	1740		
	26		Missouri		29	
		010	Boone			019

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
070	41		Columbia, SC MSA	1760		
			South Carolina		45	
		032	Lexington			063
		040	Richland			079
071	01		Columbus, GA-AL MSA	1800		
			Alabama		01	
		057	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



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

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Area	State	County		Area	State	Cnty
096	24		Fargo-Moorhead, ND-MN MSA	2520		
		014	Minnesota Clay		27	027
	35		North Dakota		38	
		009	Cass			017
097	34		Fayetteville, NC MSA	2560		
		026	North Carolina Cumberland		37	051
098	04		Fayetteville-Springdale, AR MSA	2580		
		072	Arkansas Washington		05	143
099	23		Flint, MI MSA	2640		
		025	Michigan Genesee		26	049
100	01		Florence, AL MSA	2650		
		017	Alabama Colbert		01	033
		039	Lauderdale			077
101	41		Florence, SC MSA	2655		
		021	South Carolina Florence		45	041
102	06		Fort Collins-Loveland, CO MSA	2670		
		035	Colorado Larimer		08	069
103	10		Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA	2680		
		006	Florida Broward		12	011
104	10		Fort Myers-Cape Coral, FL MSA	2700		
		036	Florida Lee		12	071
105	10		Fort Pierce, FL MSA	2710		
		043	Florida Martin		12	085
		056	St. Lucie			111
106	04		Fort Smith, AR-OK MSA	2720		
		017	Arkansas Crawford		05	033
		066	Sebastian			131
	37		Oklahoma		40	
		068	Sequoyah			135
107	10		Fort Walton Beach, FL MSA	2750		
		046	Florida Okaloosa		12	091
108	15		Fort Wayne, IN MSA	2760		
		002	Indiana Allen		18	003
		017	De Kalb			033
		092	Whitley			183
109	44		Fort Worth-Arlington, TX PMSA	2800		
		126	Texas Johnson		48	251
		184	Parker			367
		220	Tarrant			439
110	05		Fresno, CA MSA	2840		
		010	California Fresno		06	019
111	01		Gadsden, AL MSA	2880		
		028	Alabama Etowah		01	055

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Area	State	County		Area	State	Cnty
112	10	001 004	Gainessville, 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	139
140	33	006	Jamestown-Dunkirk, NY MSA New York Chautauqua	3610	36	013
141	50	054	Janesville-Beloit, WI MSA Wisconsin Rock	3620	55	105
142	31	009	Jersey City, NJ PMSA New Jersey Hudson	3640	34	017
143	43	010 037 082 086 090	Johnson City-Kingsport-Bristol, TN-VA MSA Tennessee Carter Hawkins Sullivan Unicoi Washington	3660	47	019 073 163 171 179
	47	015 115 129	Virginia Bristol city Scott Washington		51	520 169 191
144	39	011 056	Johnstown, PA MSA Pennsylvania Cambria Somerset	3680	42	021 111
145	14	032 099	Joliet, IL PMSA Illinois Grundy Will	3690	17	063 197
146	26	049 073	Joplin, MO MSA Missouri Jasper Newton	3710	29	097 145
147	23	039	Kalamazoo, MI MSA Michigan Kalamazoo	3720	26	077
148	14	046	Kankakee, IL MSA Illinois Kankakee	3740	17	091
149	17	046 052 061 105	Kansas City, MO-KS MSA Kansas Johnson Leavenworth Miami Wyandotte	3760	20	091 103 121 209
	26	019 024 048 054 083 089	Missouri Cass Clay Jackson Lafayette Platte Ray		29	037 047 095 107 165 177
150	50	030	Kenosha, WI PMSA Wisconsin Kenosha	3800	55	059
151	44	014 050	Killeen-Temple, TX MSA Texas Bell Coryell	3810	48	027 099

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

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

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Vital Statistics Codes Area	Statistics Codes		Area Name and County Components	FIPS Codes		
	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	039
	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	056	Wisconsin St. Croix		55	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			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
194	31		Monmouth-Ocean, NJ PMSA	5190		
			New Jersey		34	
		013	Monmouth			025
		015	Ocean			029
195	19		Monroe, LA MSA	5200		
			Louisiana		22	
		037	Ouachita			073
196	01		Montgomery, AL MSA	5240		
			Alabama		01	
		001	Autauga			001
		026	Elmore			051
		051	Montgomery			101
197	15		Muncie, IN MSA	5280		
			Indiana		18	
		018	Delaware			035
198	23		Muskegon, MI MSA	5320		
			Michigan		26	
		061	Muskegon			121
199	10		Naples, FL MSA	5345		
			Florida		12	
		011	Collier			021
200	43		Nashville, TN MSA	5360		
			Tennessee		47	
		011	Cheatham			021
		019	Davidson			037
		022	Dickson			043
		074	Robertson			147
		075	Rutherford			149
		083	Sumner			165
		094	Williamson			187
		095	Wilson			189
201	33		Nassau-Suffolk, NY PMSA	5380		
			New York		36	
		028	Nassau			059
		048	Suffolk			103
202	22		New Bedford-Fall River-Attleboro, MA NECMA	5403		
			Massachusetts		25	
		003	Bristol			005
203	07		New Haven-Waterbury-Meriden, CT NECMA	5483		
			Connecticut		09	
		005	New Haven			009
204	07		New London-Norwich, CT NECMA	5523		
			Connecticut		09	
		006	New London			011
205	19		New Orleans, LA MSA	5560		
			Louisiana		22	
		026	Jefferson			051
		036	Orleans, coext. with New Orleans city			071
		044	St. Bernard			087
		045	St. Charles			089
		048	St. John the Baptist			095
		052	St. Tammany			103
206	33		New York, NY PMSA	5600		
			New York		36	
		029	New York city			005
		038	Putnam			079
		040	Rockland			087
		056	Westchester			119

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

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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

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Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
274	19		Shreveport, LA MSA	7680		
		008	Louisiana		22	015
		009	Bossier			017
			Caddo			
275	16		Sioux City, IA-NE MSA	7720		
		097	Iowa		19	
	28		Woodbury			193
		022	Nebraska		31	
			Dakota			043
276	42		Sioux Falls, SD MSA	7760		
		049	South Dakota		46	
			Minnehaha			099
277	15		South Bend-Mishawaka, IN MSA	7800		
		071	Indiana		18	
			St. Joseph			141
278	48		Spokane, WA MSA	7840		
		032	Washington		53	
			Spokane			063
279	14		Springfield, IL MSA	7880		
		065	Illinois		17	
		084	Menard			129
			Sangamon			167
280	26		Springfield, MO MSA	7920		
		022	Missouri		29	
		039	Christian			043
			Greene			077
281	22		Springfield, MA NECMA	8003		
		007	Massachusetts		25	
		008	Hampden			013
			Hampshire			015
282	39		State College, PA MSA	8050		
		014	Pennsylvania		42	
			Centre			027
283	36		Steubenville-Weirton, OH-WV MSA	8080		
		041	Ohio		39	
		005	Jefferson			081
	49		West Virginia		54	
		015	Brooke			009
			Hancock			029
284	05		Stockton, CA MSA	8120		
		039	California		06	
			San Joaquin			077
285	33		Syracuse, NY MSA	8160		
		025	New York		36	
		032	Madison			053
		036	Onondaga			067
			Oswego			075
286	48		Tacoma, WA PMSA	8200		
		027	Washington		53	
			Pierce			053
287	10		Tallahassee, FL MSA	8240		
		020	Florida		12	
		037	Gadsden			039
			Leon			073
288	10		Tampa-St. Petersburg-Clearwater, FL MSA	8280		
		027	Florida		12	
		029	Hernando			053
		051	Hillsborough			057
		052	Pasco			101
			Pinellas			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		
		011	Indiana		18	021
		084	Clay			167
			Vigo			
290	04		Texarkana, TX-Texarkana, AR MSA	8360		
		046	Arkansas		05	091
			Miller			
		44	Texas		48	037
		019	Bowie			
291	36		Toledo, OH MSA	8400		
			Ohio		39	
		026	Fulton			051
		048	Lucas			095
		087	Wood			173
292	17		Topeka, KS MSA	8440		
			Kansas		20	
		089	Shawnee			177
293	31		Trenton, NJ PMSA	8480		
			New Jersey		34	
		011	Mercer			021
294	03		Tucson, AZ MSA	8520		
			Arizona		04	
		010	Pima			019
295	37		Tulsa, OK MSA	8560		
			Oklahoma		40	
		019	Creek			037
		057	Osage			113
		066	Rogers			131
		072	Tulsa			143
		073	Wagoner			145
296	01		Tuscaloosa, AL MSA	8600		
			Alabama		01	
		063	Tuscaloosa			125
297	44		Tyler, TX MSA	8640		
			Texas		48	
		212	Smith			423
298	33		Utica-Rome, NY MSA	8680		
			New York		36	
		021	Herkimer			043
		031	Oneida			065
299	05		Vallejo-Fairfield-Napa, CA PMSA	8720		
			California		06	
		028	Napa			055
		048	Solano			095
300	48		Vancouver, WA PMSA	8725		
			Washington		53	
		006	Clark			011
301	44		Victoria, TX MSA	8750		
			Texas		48	
		235	Victoria			469
302	31		Vineland-Millville-Bridgeton, NJ PMSA	8760		
			New Jersey		34	
		006	Cumberland			011
303	05		Visalia-Tulare-Porterville, CA MSA	8780		
			California		06	
		054	Tulare			107
304	44		Waco, TX MSA	8800		
			Texas		48	
		155	McLennan			309



Vital Statistics Codes			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	001
		067	Adams			133
			York			
318	36		Youngstown-Warren, OH MSA	9320		
		050	Ohio		39	099
		078	Mahoning			155
			Trumbull			
319	05		Yuba City, CA MSA	9340		
		051	California		06	101
		058	Sutter			115
			Yuba			
320	03		Yuma, AZ MSA	9360		
		014	Arizona		04	027
			Yuma			

NATALITY DOCUMENTATION TABLE 1.  
LIVE BIRTHS BY AGE OF MOTHER, LIVE-BIRTH ORDER, AND RACE OF MOTHER: UNITED STATES, 1991  
(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

LIVE-BIRTH ORDER AND RACE OF MOTHER	ALL AGES	A G E O F M O T H E R							
		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									
TOTAL.....	4,110,907	12,014	519,577	1,089,692	1,219,965	884,862	330,993	52,095	1,709
FIRST CHILD.....	1,666,328	11,469	387,157	512,854	443,345	231,785	69,683	9,792	243
SECOND CHILD.....	1,314,335	425	103,330	357,796	425,853	312,133	101,802	12,739	257
THIRD CHILD.....	671,602	22	22,245	148,862	217,882	195,296	76,537	10,513	245
FOURTH CHILD.....	262,381	7	3,762	47,121	81,518	82,572	40,251	6,904	246
FIFTH CHILD.....	98,571	3	508	13,506	28,907	32,350	18,935	4,203	159
SIXTH CHILD.....	40,704	-	80	3,538	10,489	14,141	9,800	2,536	120
SEVENTH CHILD.....	18,117	-	9	820	3,835	6,373	5,287	1,691	102
EIGHTH CHILD AND OVER.	18,155	-	7	288	2,170	5,362	6,697	3,317	314
NOT STATED.....	20,714	88	2,479	4,907	5,966	4,850	2,001	400	23
WHITE									
TOTAL.....	3,241,273	5,189	352,359	831,233	1,000,138	736,816	272,511	41,792	1,235
FIRST CHILD.....	1,339,216	4,993	275,735	415,286	377,459	197,852	59,502	8,202	187
SECOND CHILD.....	1,058,100	151	62,996	275,699	357,222	265,484	85,743	10,596	209
THIRD CHILD.....	522,430	10	10,606	102,090	174,464	163,378	63,198	8,492	192
FOURTH CHILD.....	191,741	3	1,372	26,882	59,555	65,782	32,502	5,463	182
FIFTH CHILD.....	66,581	2	134	6,259	18,607	23,795	14,482	3,190	112
SIXTH CHILD.....	26,170	-	25	1,329	5,784	9,767	7,276	1,908	81
SEVENTH CHILD.....	11,066	-	5	256	1,779	4,008	3,736	1,222	60
EIGHTH CHILD AND OVER.	11,158	-	6	121	892	2,992	4,541	2,415	191
NOT STATED.....	14,811	30	1,480	3,311	4,376	3,758	1,531	304	21

NATALITY DOCUMENTATION TABLE 1.  
 LIVE BIRTHS BY AGE OF MOTHER, LIVE-BIRTH ORDER, AND RACE OF MOTHER: UNITED STATES, 1991  
 (RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

LIVE-BIRTH ORDER AND RACE OF MOTHER	ALL AGES	A G E O F M O T H E R							
		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 OTHER									
TOTAL.....	869,634	6,825	167,218	258,459	219,827	148,046	58,482	10,303	474
FIRST CHILD.....	327,112	6,476	111,422	97,568	65,886	33,933	10,181	1,590	56
SECOND CHILD.....	256,235	274	40,334	82,097	68,631	46,649	16,059	2,143	48
THIRD CHILD.....	149,172	12	11,639	46,772	43,418	31,918	13,339	2,021	53
FOURTH CHILD.....	70,640	4	2,390	20,239	21,963	16,790	7,749	1,441	64
FIFTH CHILD.....	31,990	1	374	7,247	10,300	8,555	4,453	1,013	47
SIXTH CHILD.....	14,534	-	55	2,209	4,705	4,374	2,524	628	39
SEVENTH CHILD.....	7,051	-	4	564	2,056	2,365	1,551	469	42
EIGHTH CHILD AND OVER.	6,997	-	1	167	1,278	2,370	2,156	902	123
NOT STATED.....	5,903	58	999	1,596	1,590	1,092	470	96	2
BLACK									
TOTAL.....	682,602	6,419	150,956	218,918	163,052	99,637	37,362	6,064	194
FIRST CHILD.....	250,529	6,099	99,492	78,418	41,369	18,858	5,465	807	21
SECOND CHILD.....	198,775	251	37,083	70,437	51,396	29,239	9,188	1,157	24
THIRD CHILD.....	122,093	11	10,840	41,562	35,752	23,776	8,926	1,195	31
FOURTH CHILD.....	58,628	4	2,223	18,075	18,277	13,315	5,697	1,001	36
FIFTH CHILD.....	26,207	1	348	6,475	8,536	6,787	3,352	689	19
SIXTH CHILD.....	11,519	-	52	1,925	3,840	3,362	1,903	418	19
SEVENTH CHILD.....	5,285	-	4	493	1,629	1,775	1,095	277	12
EIGHTH CHILD AND OVER.	4,681	-	1	135	980	1,700	1,379	456	30
NOT STATED.....	4,885	53	913	1,998	1,273	825	357	64	2

NATALITY DOCUMENTATION TABLE 2.  
LIVE BIRTHS BY AGE OF MOTHER, LIVE-BIRTH ORDER, AND RACE OF CHILD: UNITED STATES, 1991

(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

LIVE-BIRTH ORDER AND RACE OF CHILD	ALL AGES	A G E O F M O T H E R							
		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									
TOTAL.....	4,110,907	12,014	519,577	1,089,692	1,219,965	884,862	330,993	52,095	1,709
FIRST CHILD.....	1,666,328	11,469	387,157	512,854	443,345	231,785	69,683	9,792	243
SECOND CHILD.....	1,314,335	425	103,330	357,796	425,853	312,133	101,802	12,739	257
THIRD CHILD.....	671,602	22	22,245	148,862	217,882	195,296	76,537	10,513	245
FOURTH CHILD.....	262,381	7	3,762	47,121	81,518	82,572	40,251	6,904	246
FIFTH CHILD.....	98,571	3	508	13,506	28,907	32,350	18,935	4,203	159
SIXTH CHILD.....	40,704	-	80	3,538	10,489	14,141	9,800	2,536	120
SEVENTH CHILD.....	18,117	-	9	820	3,835	6,373	5,287	1,691	102
EIGHTH CHILD AND OVER.	18,155	-	7	288	2,170	5,362	6,697	3,317	314
NOT STATED.....	20,714	88	2,479	4,907	5,966	4,850	2,001	400	23
WHITE									
TOTAL.....	3,174,030	5,056	341,378	809,849	983,245	724,963	267,499	40,843	1,197
FIRST CHILD.....	1,310,209	4,865	267,334	405,310	371,539	194,628	58,368	7,984	181
SECOND CHILD.....	1,037,575	146	60,912	268,536	351,768	261,487	84,166	10,360	200
THIRD CHILD.....	511,901	10	10,222	99,096	171,118	160,885	62,098	8,289	183
FOURTH CHILD.....	187,579	3	1,317	25,994	58,221	64,591	31,930	5,344	179
FIFTH CHILD.....	64,967	2	126	6,035	18,100	23,299	14,185	3,116	104
SIXTH CHILD.....	25,517	-	25	1,285	5,598	9,544	7,118	1,867	80
SEVENTH CHILD.....	10,774	-	5	239	1,719	3,901	3,656	1,195	59
EIGHTH CHILD AND OVER.	10,966	-	6	115	867	2,923	4,474	2,391	190
NOT STATED.....	14,542	30	1,431	3,239	4,315	3,705	1,504	297	21

NATALITY DOCUMENTATION TABLE 2.  
LIVE BIRTHS BY AGE OF MOTHER, LIVE-BIRTH ORDER, AND RACE OF CHILD: UNITED STATES, 1991  
(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

LIVE-BIRTH ORDER AND RACE OF CHILD	ALL AGES	A G E O F M O T H E R							
		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 OTHER									
TOTAL.....	936,877	6,958	178,199	279,843	236,720	159,899	63,494	11,252	512
FIRST CHILD.....	356,119	6,604	119,823	107,544	71,806	37,157	11,315	1,808	62
SECOND CHILD.....	276,760	279	42,418	89,260	74,085	50,646	17,636	2,379	57
THIRD CHILD.....	159,701	12	12,023	49,766	46,764	34,411	14,439	2,224	62
FOURTH CHILD.....	74,802	4	2,445	21,127	23,297	17,981	8,321	1,560	67
FIFTH CHILD.....	33,604	1	382	7,471	10,807	9,051	4,750	1,087	55
SIXTH CHILD.....	15,187	-	55	2,253	4,891	4,597	2,682	669	40
SEVENTH CHILD.....	7,343	-	4	581	2,116	2,472	1,631	496	43
EIGHTH CHILD AND OVER.	7,189	-	1	173	1,303	2,439	2,223	926	124
NOT STATED.....	6,172	58	1,048	1,668	1,651	1,145	497	103	2
BLACK									
TOTAL.....	725,163	6,526	158,871	233,482	173,060	106,185	40,182	6,637	220
FIRST CHILD.....	269,152	6,202	105,556	85,149	44,671	20,536	6,062	949	27
SECOND CHILD.....	211,345	255	38,560	75,298	54,577	31,338	9,996	1,293	28
THIRD CHILD.....	128,721	11	11,126	43,636	37,803	25,204	9,585	1,318	38
FOURTH CHILD.....	61,330	4	2,270	18,710	19,135	14,037	6,064	1,073	37
FIFTH CHILD.....	27,274	1	352	6,639	8,904	7,089	3,531	734	24
SIXTH CHILD.....	11,968	-	52	1,955	3,977	3,526	1,995	442	21
SEVENTH CHILD.....	5,497	-	4	504	1,678	1,855	1,151	293	12
EIGHTH CHILD AND OVER.	4,808	-	1	137	998	1,746	1,429	466	31
NOT STATED.....	5,068	53	950	1,454	1,317	854	369	69	2

NATALITY DOCUMENTATION TABLE 3.  
LIVE BIRTHS BY SPECIFIED RACE OF MOTHER AND SEX: UNITED STATES AND EACH STATE, 1991  
(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

AREA AND SEX	TOTAL	SPECIFIED RACE OF MOTHER								
		WHITE	BLACK	AMERICAN INDIAN <sup>1/</sup>	CHINESE	JAPANESE	HAWAIIAN	FILIPINO	OTHER ASIAN OR PACIFIC ISLANDER	ALL OTHER RACES
UNITED STATES.....	4,110,907	3,241,273	682,602	38,841	22,498	8,500	5,888	26,227	82,259	2,819
MALE.....	2,101,518	1,659,077	346,455	19,578	11,684	4,338	3,141	13,503	42,304	1,438
FEMALE.....	2,009,389	1,582,196	336,147	19,263	10,814	4,162	2,747	12,724	39,955	1,381
ALABAMA.....	62,810	40,655	21,651	81	54	22	1	23	313	10
MALE.....	32,077	20,808	11,007	46	32	8	-	8	163	5
FEMALE.....	30,733	19,847	10,644	35	22	14	1	15	150	5
ALASKA.....	11,686	7,885	518	2,784	16	22	17	204	230	10
MALE.....	5,975	4,064	243	1,390	11	13	7	109	133	5
FEMALE.....	5,711	3,821	275	1,394	5	9	10	95	97	5
ARIZONA.....	68,109	58,511	2,521	6,107	109	43	12	160	644	2
MALE.....	34,934	30,105	1,279	3,053	63	22	1	71	339	1
FEMALE.....	33,175	28,406	1,242	3,054	46	21	11	89	305	1
ARKANSAS.....	35,479	26,786	8,299	177	6	5	1	28	171	6
MALE.....	18,264	13,886	4,183	86	1	4	1	12	88	3
FEMALE.....	17,215	12,900	4,116	91	5	1	-	16	83	3
CALIFORNIA.....	610,077	500,652	47,669	3,127	10,963	3,405	583	15,330	27,774	574
MALE.....	312,094	256,017	24,165	1,624	5,746	1,719	321	7,944	14,249	309
FEMALE.....	297,983	244,635	23,504	1,503	5,217	1,686	262	7,386	13,525	265
COLORADO.....	53,813	49,148	2,913	556	92	71	18	105	887	23
MALE.....	27,489	25,149	1,470	281	37	37	6	51	449	9
FEMALE.....	26,324	23,999	1,443	275	55	34	12	54	438	14
CONNECTICUT.....	48,566	41,083	6,345	92	92	43	3	55	824	29
MALE.....	24,870	21,002	3,262	47	46	20	2	31	441	19
FEMALE.....	23,696	20,081	3,083	45	46	23	1	24	383	10
DELAWARE.....	11,190	8,113	2,853	17	8	4	-	23	163	9
MALE.....	5,707	4,136	1,467	12	2	1	-	7	77	5
FEMALE.....	5,483	3,977	1,386	5	6	3	-	16	86	4
DIST. OF COL.....	11,776	1,605	9,238	10	383	13	70	51	103	303
MALE.....	6,026	815	4,736	5	190	6	34	30	54	156
FEMALE.....	5,750	790	4,502	5	193	7	36	21	49	147

NATALITY DOCUMENTATION TABLE 3.  
 LIVE BIRTHS BY SPECIFIED RACE OF MOTHER AND SEX: UNITED STATES AND EACH STATE, 1991  
 (RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

AREA AND SEX	TOTAL	SPECIFIED RACE OF MOTHER								
		WHITE	BLACK	AMERICAN INDIAN <sup>1/</sup>	CHINESE	JAPANESE	HAWAIIAN	FILIPINO	OTHER ASIAN OR PACIFIC ISLANDER	ALL OTHER RACES
FLORIDA.....	194,001	145,193	45,724	435	202	52	18	381	1,931	65
MALE.....	99,390	74,600	23,251	222	81	17	10	200	980	29
FEMALE.....	94,611	70,593	22,473	213	121	35	8	181	951	36
GEORGIA.....	110,288	68,280	40,260	81	103	56	10	75	1,407	16
MALE.....	56,036	34,857	20,300	38	49	32	6	37	708	9
FEMALE.....	54,252	33,423	19,960	43	54	24	4	38	699	7
HAWAII.....	19,922	5,878	617	186	780	2,448	4,800	3,648	1,561	4
MALE.....	10,354	3,029	297	88	419	1,282	2,575	1,882	781	1
FEMALE.....	9,568	2,849	320	98	361	1,166	2,225	1,766	780	3
IDAHO.....	16,821	16,326	55	275	29	27	6	30	69	4
MALE.....	8,633	8,385	24	147	12	13	2	15	32	3
FEMALE.....	8,188	7,941	31	128	17	14	4	15	37	1
ILLINOIS.....	194,231	145,452	43,245	227	296	137	7	373	4,417	77
MALE.....	99,142	74,304	21,959	103	154	63	4	196	2,323	36
FEMALE.....	95,089	71,148	21,286	124	142	74	3	177	2,094	41
INDIANA.....	85,707	75,391	9,510	124	87	40	3	72	381	99
MALE.....	43,881	38,614	4,856	73	41	18	3	35	192	49
FEMALE.....	41,826	36,777	4,654	51	46	22	-	37	189	50
IOWA.....	38,989	37,112	1,158	154	44	14	-	24	476	7
MALE.....	19,933	18,977	603	76	26	6	-	13	230	2
FEMALE.....	19,056	18,135	555	78	18	8	-	11	246	5
KANSAS.....	37,839	33,674	3,162	306	55	25	6	37	570	4
MALE.....	19,314	17,266	1,543	156	20	7	3	19	299	1
FEMALE.....	18,525	16,408	1,619	150	35	18	3	18	271	3
KENTUCKY.....	54,326	48,676	5,274	54	43	27	6	43	198	5
MALE.....	27,751	24,921	2,637	28	21	8	5	18	110	3
FEMALE.....	26,575	23,755	2,637	26	22	19	1	25	88	2
LOUISIANA.....	72,193	40,579	30,399	219	86	19	7	82	646	156
MALE.....	36,893	20,783	15,482	117	47	12	3	37	335	77
FEMALE.....	35,300	19,796	14,917	102	39	7	4	45	311	79



NATALITY DOCUMENTATION TABLE 3.  
 LIVE BIRTHS BY SPECIFIED RACE OF MOTHER AND SEX: UNITED STATES AND EACH STATE, 1991  
 (RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

AREA AND SEX	TOTAL	SPECIFIED RACE OF MOTHER								
		WHITE	BLACK	AMERICAN INDIAN <sup>1/</sup>	CHINESE	JAPANESE	HAWAIIAN	FILIPINO	OTHER ASIAN OR PACIFIC ISLANDER	ALL OTHER RACES
MAINE.....	16,753	16,447	81	84	19	11	4	22	80	5
MALE.....	8,552	8,409	36	38	8	4	2	14	38	3
FEMALE.....	8,201	8,038	45	46	11	7	2	8	42	2
MARYLAND.....	79,184	51,092	24,972	55	377	79	29	278	1,969	333
MALE.....	40,449	26,065	12,814	27	196	30	16	139	999	163
FEMALE.....	38,735	25,027	12,158	28	181	49	13	139	970	170
MASSACHUSETTS.....	88,205	75,979	8,684	163	966	138	8	165	1,990	112
MALE.....	45,295	39,031	4,388	90	522	71	5	82	1,050	56
FEMALE.....	42,910	36,948	4,296	73	444	67	3	83	940	56
MICHIGAN.....	150,198	116,039	31,625	770	310	159	19	248	973	55
MALE.....	76,745	59,395	16,078	402	150	74	9	109	510	18
FEMALE.....	73,453	56,644	15,547	368	160	85	10	139	463	37
MINNESOTA.....	67,069	60,637	2,802	1,371	67	23	4	45	2,108	12
MALE.....	34,376	31,127	1,416	666	37	14	2	25	1,082	7
FEMALE.....	32,693	29,510	1,386	705	30	9	2	20	1,026	5
MISSISSIPPI.....	43,204	21,917	20,822	198	29	10	-	18	209	1
MALE.....	21,953	11,204	10,515	95	13	2	-	13	110	1
FEMALE.....	21,251	10,713	10,307	103	16	8	-	5	99	-
MISSOURI.....	78,677	63,902	13,676	216	141	44	9	125	526	38
MALE.....	40,004	32,543	6,876	113	61	23	7	70	286	25
FEMALE.....	38,673	31,359	6,800	103	80	21	2	55	240	13
MONTANA.....	11,513	10,030	45	1,362	15	10	2	14	35	-
MALE.....	5,810	5,067	25	681	6	7	-	8	16	-
FEMALE.....	5,703	4,963	20	681	9	3	2	6	19	-
NEBRASKA.....	24,017	21,986	1,338	395	24	25	5	49	191	4
MALE.....	12,249	11,215	671	214	13	10	2	18	103	3
FEMALE.....	11,768	10,771	667	181	11	15	3	31	88	1
NEVADA.....	22,026	18,742	2,066	356	78	40	19	264	407	54
MALE.....	11,370	9,674	1,042	188	39	28	9	146	216	28
FEMALE.....	10,656	9,068	1,024	168	39	12	10	118	191	26

NATALITY DOCUMENTATION TABLE 3.  
 LIVE BIRTHS BY SPECIFIED RACE OF MOTHER AND SEX: UNITED STATES AND EACH STATE, 1991  
 (RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

AREA AND SEX	TOTAL	SPECIFIED RACE OF MOTHER								
		WHITE	BLACK	AMERICAN INDIAN <sup>1/</sup>	CHINESE	JAPANESE	HAWAIIAN	FILIPINO	OTHER ASIAN OR PACIFIC ISLANDER	ALL OTHER RACES
NEW HAMPSHIRE.....	16,341	16,112	80	25	22	8	1	10	82	1
MALE.....	8,308	8,192	43	11	9	3	1	6	42	1
FEMALE.....	8,033	7,920	37	14	13	5	-	4	40	-
NEW JERSEY.....	121,406	92,800	23,722	156	674	248	6	772	2,974	54
MALE.....	61,918	47,359	12,013	83	358	133	2	401	1,535	34
FEMALE.....	59,488	45,441	11,709	73	316	115	4	371	1,439	20
NEW MEXICO.....	27,800	23,038	575	3,899	24	19	6	46	185	8
MALE.....	14,040	11,686	304	1,895	13	12	4	20	99	7
FEMALE.....	13,760	11,352	271	2,004	11	7	2	26	86	1
NEW YORK.....	292,633	216,707	62,162	538	3,901	370	5	1,082	7,816	52
MALE.....	149,307	110,505	31,767	276	1,996	196	1	549	3,989	28
FEMALE.....	143,326	106,202	30,395	262	1,905	174	4	533	3,827	24
NORTH CAROLINA.....	102,362	69,274	30,440	1,476	45	33	8	115	916	55
MALE.....	52,340	35,529	15,446	770	25	18	4	53	467	28
FEMALE.....	50,022	33,745	14,994	706	20	15	4	62	449	27
NORTH DAKOTA.....	8,887	7,907	84	805	16	1	-	21	43	10
MALE.....	4,539	4,049	40	407	7	1	-	14	18	3
FEMALE.....	4,348	3,858	44	398	9	-	-	7	25	7
OHIO.....	165,795	137,682	26,356	208	164	60	3	80	1,170	72
MALE.....	85,029	70,608	13,520	119	86	31	1	39	592	33
FEMALE.....	80,766	67,074	12,836	89	78	29	2	41	578	39
OKLAHOMA.....	47,795	37,522	5,162	4,397	45	32	9	48	570	10
MALE.....	24,527	19,312	2,643	2,211	23	15	4	28	288	3
FEMALE.....	23,268	18,210	2,519	2,186	22	17	5	20	282	7
OREGON.....	42,499	39,484	968	650	221	124	31	178	767	76
MALE.....	21,693	20,188	502	318	121	54	16	93	366	35
FEMALE.....	20,806	19,296	466	332	100	70	15	85	401	41
PENNSYLVANIA.....	168,851	139,920	25,788	210	457	77	12	222	2,071	94
MALE.....	86,402	71,658	13,090	110	245	44	10	120	1,072	53
FEMALE.....	82,449	68,262	12,698	100	212	33	2	102	999	41

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NATALITY DOCUMENTATION TABLE 3.  
LIVE BIRTHS BY SPECIFIED RACE OF MOTHER AND SEX: UNITED STATES AND EACH STATE, 1991  
(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

AREA AND SEX	TOTAL	SPECIFIED RACE OF MOTHER								
		WHITE	BLACK	AMERICAN INDIAN <sup>1/</sup>	CHINESE	JAPANESE	HAWAIIAN	FILIPINO	OTHER ASIAN OR PACIFIC ISLANDER	ALL OTHER RACES
RHODE ISLAND.....	14,734	12,945	1,142	140	4	2	-	1	470	30
MALE.....	7,563	6,654	592	60	3	1	-	-	241	12
FEMALE.....	7,171	6,291	550	80	1	1	-	1	229	18
SOUTH CAROLINA....	57,572	34,603	22,457	75	38	15	5	78	294	7
MALE.....	29,345	17,644	11,420	40	21	6	4	45	159	6
FEMALE.....	28,227	16,959	11,037	35	17	9	1	33	135	1
SOUTH DAKOTA.....	10,946	9,117	56	1,698	6	6	2	14	46	1
MALE.....	5,628	4,693	35	862	4	2	1	9	21	1
FEMALE.....	5,318	4,424	21	836	2	4	1	5	25	-
TENNESSEE.....	74,510	55,984	17,808	140	76	29	5	57	399	12
MALE.....	38,026	28,711	8,935	79	47	11	3	29	205	6
FEMALE.....	36,484	27,273	8,873	61	29	18	2	28	194	6
TEXAS.....	317,746	267,289	43,090	650	637	155	28	498	5,336	63
MALE.....	162,550	136,867	21,879	312	328	84	14	268	2,763	35
FEMALE.....	155,196	130,422	21,211	338	309	71	14	230	2,573	28
UTAH.....	36,033	34,181	180	795	141	95	21	42	560	18
MALE.....	18,566	17,572	97	414	75	58	10	22	309	9
FEMALE.....	17,467	16,609	83	381	66	37	11	20	251	9
VERMONT.....	7,965	7,854	29	14	14	2	1	13	34	4
MALE.....	4,081	4,029	15	8	4	2	-	7	16	-
FEMALE.....	3,884	3,825	14	6	10	-	1	6	18	4
VIRGINIA.....	97,370	70,315	23,804	102	273	66	21	548	2,022	219
MALE.....	49,319	35,775	11,883	54	135	36	6	267	1,054	109
FEMALE.....	48,051	34,540	11,921	48	138	30	15	281	968	110
WASHINGTON.....	79,711	70,610	3,083	1,728	137	117	53	354	3,620	9
MALE.....	40,791	36,200	1,538	870	73	67	23	158	1,857	5
FEMALE.....	38,920	34,410	1,545	858	64	50	30	196	1,763	4
WEST VIRGINIA.....	22,508	21,587	805	11	13	5	1	19	66	1
MALE.....	11,517	11,056	404	8	6	3	1	7	31	1
FEMALE.....	10,991	10,531	401	3	7	2	-	12	35	-

NATALITY DOCUMENTATION TABLE 3.  
LIVE BIRTHS BY SPECIFIED RACE OF MOTHER AND SEX: UNITED STATES AND EACH STATE, 1991

(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

AREA AND SEX	TOTAL	SPECIFIED RACE OF MOTHER								
		WHITE	BLACK	AMERICAN INDIAN <sup>1/</sup>	CHINESE	JAPANESE	HAWAIIAN	FILIPINO	OTHER ASIAN OR PACIFIC ISLANDER	ALL OTHER RACES
WISCONSIN.....	72,071	62,264	7,224	864	112	22	3	43	1,535	4
MALE.....	37,063	32,136	3,632	432	58	9	1	21	771	3
FEMALE.....	35,008	30,128	3,592	432	54	13	2	22	764	1
WYOMING.....	6,703	6,308	65	278	4	2	-	14	30	2
MALE.....	3,400	3,206	32	133	4	1	-	8	16	-
FEMALE.....	3,303	3,102	33	145	-	1	-	6	14	2

<sup>1/</sup> INCLUDES BIRTHS TO ALEUTS AND ESKIMOS.

NATALITY DOCUMENTATION TABLE 4.  
LIVE BIRTHS BY SPECIFIED RACE OF CHILD AND SEX: UNITED STATES AND EACH STATE, 1991

(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

AREA AND SEX	TOTAL	SPECIFIED RACE OF CHILD								
		WHITE	BLACK	AMERICAN INDIAN <sup>1/</sup>	CHINESE	JAPANESE	HAWAIIAN	FILIPINO	OTHER ASIAN OR PACIFIC ISLANDER	ALL OTHER RACES
UNITED STATES.....	4,110,907	3,174,030	725,163	48,977	23,951	10,136	8,539	27,643	88,881	3,587
MALE.....	2,101,518	1,625,014	367,996	24,716	12,423	5,181	4,462	14,233	45,713	1,780
FEMALE.....	2,009,389	1,549,016	357,167	24,261	11,528	4,955	4,077	13,410	43,168	1,807
ALABAMA.....	62,810	40,373	21,832	133	61	28	2	20	351	10
MALE.....	32,077	20,677	11,085	68	37	14	1	5	187	3
FEMALE.....	30,733	19,696	10,747	65	24	14	1	15	164	7
ALASKA.....	11,686	7,430	670	2,994	20	29	24	227	276	16
MALE.....	5,975	3,847	314	1,496	14	15	10	115	158	6
FEMALE.....	5,711	3,583	356	1,498	6	14	14	112	118	10
ARIZONA.....	68,109	57,425	3,127	6,375	145	71	29	180	754	3
MALE.....	34,934	29,559	1,589	3,173	76	41	10	85	400	1
FEMALE.....	33,175	27,866	1,538	3,202	69	30	19	95	354	2
ARKANSAS.....	35,479	26,440	8,499	286	9	9	3	31	195	7
MALE.....	18,264	13,708	4,285	143	2	7	3	14	98	4
FEMALE.....	17,215	12,732	4,214	143	7	2	-	17	97	3
CALIFORNIA.....	610,077	483,352	57,505	5,125	11,594	4,473	1,119	16,566	29,628	715
MALE.....	312,094	247,252	29,171	2,642	6,039	2,255	582	8,566	15,222	365
FEMALE.....	297,983	236,100	28,334	2,483	5,555	2,218	537	8,000	14,406	350
COLORADO.....	53,813	48,258	3,425	734	108	119	29	113	997	30
MALE.....	27,489	24,707	1,731	369	49	54	11	55	502	11
FEMALE.....	26,324	23,551	1,694	365	59	65	18	58	495	19
CONNECTICUT.....	48,566	40,257	6,994	132	98	50	4	60	927	44
MALE.....	24,870	20,579	3,605	52	52	23	2	34	496	27
FEMALE.....	23,696	19,678	3,389	80	46	27	2	26	431	17
DELAWARE.....	11,190	8,007	2,932	28	9	5	-	21	180	8
MALE.....	5,707	4,078	1,508	15	3	1	-	6	92	4
FEMALE.....	5,483	3,929	1,424	13	6	4	-	15	88	4
DIST. OF COL.....	11,776	1,512	9,287	12	390	15	77	49	112	322
MALE.....	6,026	775	4,755	6	192	7	37	28	62	164
FEMALE.....	5,750	737	4,532	6	198	8	40	21	50	158

NATALITY DOCUMENTATION TABLE 4.  
LIVE BIRTHS BY SPECIFIED RACE OF CHILD AND SEX: UNITED STATES AND EACH STATE, 1991  
(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

AREA AND SEX	TOTAL	SPECIFIED RACE OF CHILD								
		WHITE	BLACK	AMERICAN INDIAN <sup>1/</sup>	CHINESE	JAPANESE	HAWAIIAN	FILIPINO	OTHER ASIAN OR PACIFIC ISLANDER	ALL OTHER RACES
FLORIDA.....	194,001	143,012	47,391	634	209	67	27	406	2,167	88
MALE.....	99,390	73,469	24,109	329	88	27	15	204	1,113	36
FEMALE.....	94,611	69,543	23,282	305	121	40	12	202	1,054	52
GEORGIA.....	110,288	67,251	41,092	157	105	62	11	80	1,504	26
MALE.....	56,036	34,353	20,719	70	51	32	6	45	746	14
FEMALE.....	54,252	32,898	20,373	87	54	30	5	35	758	12
HAWAII.....	19,922	4,398	863	176	763	2,286	6,555	3,363	1,510	8
MALE.....	10,354	2,269	414	81	405	1,203	3,456	1,752	772	2
FEMALE.....	9,568	2,129	449	95	358	1,083	3,099	1,611	738	6
IDAHO.....	16,821	16,105	114	364	35	47	14	36	95	11
MALE.....	8,633	8,277	52	193	16	23	3	18	44	7
FEMALE.....	8,188	7,828	62	171	19	24	11	18	51	4
ILLINOIS.....	194,231	143,025	45,121	337	335	179	17	408	4,713	96
MALE.....	99,142	73,040	22,944	163	173	86	10	215	2,467	44
FEMALE.....	95,089	69,985	22,177	174	162	93	7	193	2,246	52
INDIANA.....	85,707	74,187	10,366	203	97	50	8	94	472	230
MALE.....	43,881	37,994	5,301	112	46	25	5	46	236	116
FEMALE.....	41,826	36,193	5,065	91	51	25	3	48	236	114
IOWA.....	38,989	36,796	1,368	206	47	15	-	26	523	8
MALE.....	19,933	18,822	707	101	28	7	-	13	252	3
FEMALE.....	19,056	17,974	661	105	19	8	-	13	271	5
KANSAS.....	37,839	32,856	3,749	458	56	39	10	35	631	5
MALE.....	19,314	16,864	1,827	233	23	16	5	17	326	3
FEMALE.....	18,525	15,992	1,922	225	33	23	5	18	305	2
KENTUCKY.....	54,326	48,304	5,568	81	47	30	7	50	232	7
MALE.....	27,751	24,734	2,780	41	24	11	5	25	128	3
FEMALE.....	26,575	23,570	2,788	40	23	19	2	25	104	4
LOUISIANA.....	72,193	40,027	30,693	363	95	27	7	85	685	211
MALE.....	36,893	20,497	15,643	190	50	16	3	34	358	102
FEMALE.....	35,300	19,530	15,050	173	45	11	4	51	327	109

NATALITY DOCUMENTATION TABLE 4.  
LIVE BIRTHS BY SPECIFIED RACE OF CHILD AND SEX: UNITED STATES AND EACH STATE, 1991

(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

AREA AND SEX	TOTAL	SPECIFIED RACE OF CHILD								
		WHITE	BLACK	AMERICAN INDIAN <sup>1/</sup>	CHINESE	JAPANESE	HAWAIIAN	FILIPINO	OTHER ASIAN OR PACIFIC ISLANDER	ALL OTHER RACES
MAINE.....	16,753	16,334	150	112	22	18	4	24	83	6
MALE.....	8,552	8,353	70	51	11	7	2	15	40	3
FEMALE.....	8,201	7,981	80	61	11	11	2	9	43	3
MARYLAND.....	79,184	49,520	26,238	110	421	92	43	305	2,096	359
MALE.....	40,449	25,258	13,458	56	220	36	23	158	1,068	172
FEMALE.....	38,735	24,262	12,780	54	201	56	20	147	1,028	187
MASSACHUSETTS.....	88,205	74,288	9,946	262	1,027	179	11	180	2,144	168
MALE.....	45,295	38,139	5,059	134	558	98	7	87	1,127	86
FEMALE.....	42,910	36,149	4,887	128	469	81	4	93	1,017	82
MICHIGAN.....	150,198	114,476	32,582	1,176	323	186	29	272	1,073	81
MALE.....	76,745	58,613	16,550	603	159	88	13	129	560	30
FEMALE.....	73,453	55,863	16,032	573	164	98	16	143	513	51
MINNESOTA.....	67,069	59,664	3,322	1,629	79	27	8	59	2,262	19
MALE.....	34,376	30,632	1,686	789	44	16	3	36	1,161	9
FEMALE.....	32,693	29,032	1,636	840	35	11	5	23	1,101	10
MISSISSIPPI.....	43,204	21,743	20,950	218	31	10	-	21	230	1
MALE.....	21,953	11,112	10,586	104	16	2	-	13	119	1
FEMALE.....	21,251	10,631	10,364	114	15	8	-	8	111	-
MISSOURI.....	78,677	63,071	14,225	346	153	55	18	143	617	49
MALE.....	40,004	32,124	7,156	178	71	28	11	77	331	28
FEMALE.....	38,673	30,947	7,069	168	82	27	7	66	286	21
MONTANA.....	11,513	9,724	99	1,594	17	13	9	18	38	1
MALE.....	5,810	4,904	49	806	6	8	4	12	20	1
FEMALE.....	5,703	4,820	50	788	11	5	5	6	18	-
NEBRASKA.....	24,017	21,684	1,509	472	35	36	7	51	218	5
MALE.....	12,249	11,081	743	249	20	16	3	20	113	4
FEMALE.....	11,768	10,603	766	223	15	20	4	31	105	1
NEVADA.....	22,026	18,215	2,293	471	96	53	46	295	491	66
MALE.....	11,370	9,393	1,155	249	52	35	23	165	266	32
FEMALE.....	10,656	8,822	1,138	222	44	18	23	130	225	34

NATALITY DOCUMENTATION TABLE 4.  
 LIVE BIRTHS BY SPECIFIED RACE OF CHILD AND SEX: UNITED STATES AND EACH STATE, 1991  
 (RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

AREA AND SEX	TOTAL	SPECIFIED RACE OF CHILD								
		WHITE	BLACK	AMERICAN INDIAN <sup>1/</sup>	CHINESE	JAPANESE	HAWAIIAN	FILIPINO	OTHER ASIAN OR PACIFIC ISLANDER	ALL OTHER RACES
NEW HAMPSHIRE.....	16,341	16,004	141	37	26	9	1	11	110	2
MALE.....	8,308	8,125	81	19	12	3	1	7	58	2
FEMALE.....	8,033	7,879	60	18	14	6	-	4	52	-
NEW JERSEY.....	121,406	90,924	25,151	231	861	272	8	779	3,112	68
MALE.....	61,918	46,440	12,737	121	442	144	3	397	1,599	35
FEMALE.....	59,488	44,484	12,414	110	419	128	5	382	1,513	33
NEW MEXICO.....	27,800	22,559	811	4,078	30	31	11	43	229	8
MALE.....	14,040	11,451	410	1,993	18	18	7	19	117	7
FEMALE.....	13,760	11,108	401	2,085	12	13	4	24	112	1
NEW YORK.....	292,633	212,703	65,324	774	4,034	402	13	1,035	8,291	57
MALE.....	149,307	108,461	33,372	403	2,066	210	5	534	4,225	31
FEMALE.....	143,326	104,242	31,952	371	1,968	192	8	501	4,066	26
NORTH CAROLINA....	102,362	67,904	31,396	1,760	57	38	20	118	1,005	64
MALE.....	52,340	34,869	15,904	917	33	20	10	59	495	33
FEMALE.....	50,022	33,035	15,492	843	24	18	10	59	510	31
NORTH DAKOTA.....	8,887	7,763	134	892	16	2	-	22	46	12
MALE.....	4,539	3,985	62	446	7	1	-	14	21	3
FEMALE.....	4,348	3,778	72	446	9	1	-	8	25	9
OHIO.....	165,795	135,255	28,382	389	176	77	12	86	1,341	77
MALE.....	85,029	69,404	14,523	205	93	38	7	42	679	38
FEMALE.....	80,766	65,851	13,859	184	83	39	5	44	662	39
OKLAHOMA.....	47,795	35,358	5,564	6,074	52	43	19	50	620	15
MALE.....	24,527	18,180	2,864	3,079	25	19	10	32	315	3
FEMALE.....	23,268	17,178	2,700	2,995	27	24	9	18	305	12
OREGON.....	42,499	38,440	1,379	978	252	190	70	195	898	97
MALE.....	21,693	19,656	716	488	135	94	35	94	433	42
FEMALE.....	20,806	18,784	663	490	117	96	35	101	465	55
PENNSYLVANIA.....	168,851	136,814	28,464	376	463	106	25	245	2,223	135
MALE.....	86,402	70,087	14,425	207	248	59	16	128	1,154	78
FEMALE.....	82,449	66,727	14,039	169	215	47	9	117	1,069	57



NATALITY DOCUMENTATION TABLE 4.  
LIVE BIRTHS BY SPECIFIED RACE OF CHILD AND SEX: UNITED STATES AND EACH STATE, 1991  
(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

AREA AND SEX	TOTAL	SPECIFIED RACE OF CHILD								
		WHITE	BLACK	AMERICAN INDIAN <sup>1/</sup>	CHINESE	JAPANESE	HAWAIIAN	FILIPINO	OTHER ASIAN OR PACIFIC ISLANDER	ALL OTHER RACES
RHODE ISLAND.....	14,734	12,646	1,376	162	6	2	1	4	503	34
MALE.....	7,563	6,505	706	71	4	1	1	1	259	15
FEMALE.....	7,171	6,141	670	91	2	1	-	3	244	19
SOUTH CAROLINA....	57,572	34,203	22,763	131	37	16	7	80	321	14
MALE.....	29,345	17,445	11,560	77	21	7	6	41	177	11
FEMALE.....	28,227	16,758	11,203	54	16	9	1	39	144	3
SOUTH DAKOTA.....	10,946	8,904	127	1,824	6	6	4	17	57	1
MALE.....	5,628	4,590	67	923	4	3	3	11	26	1
FEMALE.....	5,318	4,314	60	901	2	3	1	6	31	-
TENNESSEE.....	74,510	55,328	18,342	222	79	34	9	60	423	13
MALE.....	38,026	28,353	9,224	126	50	13	4	32	217	7
FEMALE.....	36,484	26,975	9,118	96	29	21	5	28	206	6
TEXAS.....	317,746	263,506	45,794	1,120	680	193	55	520	5,797	81
MALE.....	162,550	134,930	23,263	555	348	100	26	286	3,004	38
FEMALE.....	155,196	128,576	22,531	565	332	93	29	234	2,793	43
UTAH.....	36,033	33,648	376	898	150	142	38	54	698	29
MALE.....	18,566	17,314	196	459	78	82	18	28	379	12
FEMALE.....	17,467	16,334	180	439	72	60	20	26	319	17
VERMONT.....	7,965	7,810	46	24	16	4	1	14	40	10
MALE.....	4,081	4,010	20	15	6	3	-	8	16	3
FEMALE.....	3,884	3,800	26	9	10	1	1	6	24	7
VIRGINIA.....	97,370	69,106	24,722	165	285	81	29	563	2,173	246
MALE.....	49,319	35,198	12,308	80	146	44	9	274	1,132	128
FEMALE.....	48,051	33,908	12,414	85	139	37	20	289	1,041	118
WASHINGTON.....	79,711	68,124	4,410	2,238	154	168	89	445	4,070	13
MALE.....	40,791	34,948	2,205	1,126	85	101	44	194	2,082	6
FEMALE.....	38,920	33,176	2,205	1,112	69	67	45	251	1,988	7
WEST VIRGINIA.....	22,508	21,430	925	26	14	7	2	22	79	3
MALE.....	11,517	10,970	468	16	7	3	2	9	40	2
FEMALE.....	10,991	10,460	457	10	7	4	-	13	39	1

NATALITY DOCUMENTATION TABLE 4.  
 LIVE BIRTHS BY SPECIFIED RACE OF CHILD AND SEX: UNITED STATES AND EACH STATE, 1991  
 (RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

AREA AND SEX	TOTAL	SPECIFIED RACE OF CHILD								
		WHITE	BLACK	AMERICAN INDIAN <sup>1/</sup>	CHINESE	JAPANESE	HAWAIIAN	FILIPINO	OTHER ASIAN OR PACIFIC ISLANDER	ALL OTHER RACES
WISCONSIN.....	72,071	61,676	7,522	1,044	123	38	5	50	1,607	6
MALE.....	37,063	31,834	3,781	529	65	19	1	27	804	3
FEMALE.....	35,008	29,842	3,741	515	58	19	4	23	803	3
WYOMING.....	6,703	6,191	104	346	7	5	2	12	34	2
MALE.....	3,400	3,149	53	165	5	2	1	7	17	1
FEMALE.....	3,303	3,042	51	181	2	3	1	5	17	1

<sup>1/</sup> INCLUDES BIRTHS TO ALEUTS AND ESKIMOS.

NATALITY DOCUMENTATION TABLE 5.  
LIVE BIRTHS BY ATTENDANT, PLACE OF DELIVERY AND RACE OF MOTHER: UNITED STATES, 1991  
(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF UNITED STATES)

PLACE OF DELIVERY AND RACE OF MOTHER	ALL BIRTHS	ATTENDANT							OTHER	NOT STATED
		PHYSICIAN			MIDWIFE					
		TOTAL	DOCTOR OF MEDICINE	DOCTOR OF OSTEOPATHY	TOTAL	CERTIFIED NURSE MIDWIFE	OTHER MIDWIFE			
ALL RACES <sup>1/</sup> .....	4,110,907	3,892,053	3,757,348	134,705	182,457	167,704	14,753	31,123	5,274	
IN HOSPITAL .....	4,064,153	3,879,723	3,746,484	133,239	160,731	158,068	2,663	19,544	4,155	
NOT IN HOSPITAL .....	45,835	11,788	10,334	1,454	21,696	9,611	12,085	11,547	804	
FREESTANDING BIRTHING CENTER.....	14,228	4,784	4,098	686	9,202	6,166	3,036	231	11	
CLINIC / DOCTOR'S OFFICE.....	1,010	553	426	127	285	117	168	145	27	
RESIDENCE .....	27,480	5,324	4,735	589	11,592	3,229	8,363	9,911	653	
OTHER .....	3,117	1,127	1,075	52	617	99	518	1,260	113	
NOT STATED .....	919	542	530	12	30	25	5	32	315	
WHITE.....	3,241,273	3,077,205	2,965,804	111,401	137,489	123,645	13,844	23,231	3,348	
IN HOSPITAL .....	3,202,287	3,068,457	2,958,366	110,091	116,714	114,660	2,054	14,509	2,607	
NOT IN HOSPITAL .....	38,227	8,275	6,976	1,299	20,751	8,966	11,785	8,707	494	
FREESTANDING BIRTHING CENTER.....	13,234	4,300	3,649	651	8,705	5,724	2,981	219	10	
CLINIC / DOCTOR'S OFFICE.....	856	456	336	120	272	113	159	109	19	
RESIDENCE .....	22,139	2,955	2,462	493	11,183	3,046	8,137	7,607	394	
OTHER .....	1,998	564	529	35	591	83	508	772	71	
NOT STATED .....	759	473	462	11	24	19	5	15	247	
BLACK.....	682,602	641,509	622,326	19,183	32,971	32,364	607	6,486	1,636	
IN HOSPITAL .....	676,662	638,496	619,445	19,051	32,421	31,938	483	4,338	1,407	
NOT IN HOSPITAL .....	5,794	2,949	2,818	131	545	421	124	2,132	168	
FREESTANDING BIRTHING CENTER.....	563	247	221	26	308	285	23	7	1	
CLINIC / DOCTOR'S OFFICE.....	80	59	56	3	2	-	2	11	8	
RESIDENCE .....	4,250	2,151	2,062	89	215	122	93	1,750	134	
OTHER .....	901	492	479	13	20	14	6	364	25	
NOT STATED .....	146	64	63	1	5	5	-	16	61	

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

NATALITY DOCUMENTATION TABLE 6.  
 LIVE BIRTHS BY AGE, MARITAL STATUS AND RACE OF MOTHER: UNITED STATES, 1991  
 (RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

MARITAL STATUS 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	40-44 YEARS	45-49 YEARS
ALL RACES.....	4,110,907	12,014	519,577	1,089,692	1,219,965	884,862	330,993	52,095	1,709
MARRIED.....	2,897,138	1,046	162,094	660,598	985,372	760,961	282,640	43,029	1,398
UNMARRIED.....	1,213,769	10,968	357,483	429,094	234,593	123,901	48,353	9,066	311
WHITE.....	3,241,273	5,189	352,359	831,233	1,000,138	736,816	272,511	41,792	1,235
MARRIED.....	2,533,771	843	145,324	580,005	863,411	664,332	242,904	35,908	1,044
UNMARRIED.....	707,502	4,346	207,035	251,228	136,727	72,484	29,607	5,884	191
ALL OTHER.....	869,634	6,825	167,218	258,459	219,827	148,046	58,482	10,303	474
MARRIED.....	363,367	203	16,770	80,593	121,961	96,629	39,736	7,121	354
UNMARRIED.....	506,267	6,622	150,448	177,866	97,866	51,417	18,746	3,182	120
BLACK.....	682,602	6,419	150,956	218,918	163,052	99,637	37,362	6,064	194
MARRIED.....	218,852	121	11,631	55,386	73,854	53,267	21,005	3,475	113
UNMARRIED.....	463,750	6,298	139,325	163,532	89,198	46,370	16,357	2,589	81

NATALITY DOCUMENTATION TABLE 7.  
 LIVE BIRTHS BY AGE AND MARITAL STATUS OF MOTHER, AND RACE OF CHILD: UNITED STATES, 1991  
 (RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

MARITAL STATUS AND RACE OF CHILD	ALL AGES	AGE OF MOTHER							
		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.....	4,110,907	12,014	519,577	1,089,692	1,219,965	884,862	330,993	52,095	1,709
MARRIED.....	2,897,138	1,046	162,094	660,598	985,372	760,961	282,640	43,029	1,398
UNMARRIED....	1,213,769	10,968	357,483	429,094	234,593	123,901	48,353	9,066	311
WHITE.....	3,174,030	5,056	341,378	809,849	983,245	724,963	267,499	40,843	1,197
MARRIED.....	2,491,030	824	141,722	567,713	850,822	654,898	238,868	35,167	1,016
UNMARRIED....	683,000	4,232	199,656	242,136	132,423	70,065	28,631	5,676	181
ALL OTHER.....	936,877	6,958	178,199	279,843	236,720	159,899	63,494	11,252	512
MARRIED.....	406,108	222	20,372	92,885	134,550	106,063	43,772	7,862	382
UNMARRIED....	530,769	6,736	157,827	186,958	102,170	53,836	19,722	3,390	130
BLACK.....	725,163	6,526	158,871	233,482	173,060	106,185	40,182	6,637	220
MARRIED.....	241,971	134	13,691	62,513	80,522	57,988	23,100	3,892	131
UNMARRIED....	483,192	6,392	145,180	170,969	92,538	48,197	17,082	2,745	89

NATALITY DOCUMENTATION TABLE 8.  
LIVE BIRTHS BY EDUCATIONAL ATTAINMENT AND RACE OF MOTHER: TOTAL OF 48 REPORTING STATES,  
THE DISTRICT OF COLUMBIA, AND NEW YORK CITY, 1991

(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

YEARS OF SCHOOL COMPLETED	ALL RACES	R A C E O F M O T H E R		
		WHITE	ALL OTHER	
			TOTAL	BLACK
TOTAL.....	3,872,352	3,032,173	840,179	662,622
0-5 YEARS.....	65,955	52,716	13,239	2,920
6 YEARS.....	75,151	71,207	3,944	1,883
7 YEARS.....	27,448	21,381	6,067	4,538
8 YEARS.....	82,445	65,901	16,544	13,351
9 YEARS.....	171,553	135,308	36,245	30,671
10 YEARS.....	219,612	156,187	63,425	54,933
11 YEARS.....	286,041	186,177	99,864	90,155
12 YEARS.....	1,432,892	1,099,432	333,460	278,589
13 YEARS.....	292,102	233,233	58,869	49,877
14 YEARS.....	364,536	291,294	73,242	55,981
15 YEARS.....	123,105	96,272	26,833	19,969
16 YEARS.....	453,651	392,774	60,877	33,688
17 YEARS OR MORE.....	225,500	194,899	30,601	13,652
NOT STATED.....	52,361	35,392	16,969	12,415

NATALITY DOCUMENTATION TABLE 9.  
LIVE BIRTHS BY EDUCATIONAL ATTAINMENT AND RACE OF FATHER: TOTAL OF 48 REPORTING STATES,  
THE DISTRICT OF COLUMBIA, AND NEW YORK CITY, 1991

(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

YEARS OF SCHOOL COMPLETED	ALL RACES	RACE OF FATHER			
		WHITE	ALL OTHER		NOT STATED
			TOTAL	BLACK	
TOTAL.....	3,872,352	2,710,383	549,223	404,046	612,746
0-5 YEARS.....	76,290	51,876	9,536	2,836	14,878
6 YEARS.....	67,639	65,138	2,379	841	122
7 YEARS.....	16,574	14,730	1,787	838	57
8 YEARS.....	49,064	44,656	4,275	2,541	133
9 YEARS.....	94,636	86,020	8,380	5,845	236
10 YEARS.....	120,959	101,053	19,607	14,866	299
11 YEARS.....	172,423	135,306	36,688	31,070	429
12 YEARS.....	1,240,258	997,016	240,187	197,930	3,055
13 YEARS.....	186,302	154,398	31,568	25,389	336
14 YEARS.....	299,514	248,960	50,081	36,418	473
15 YEARS.....	101,242	82,060	18,988	13,507	194
16 YEARS.....	434,867	382,521	51,674	28,452	672
17 YEARS OR MDRE...	319,571	279,249	39,615	14,806	707
NOT STATED.....	693,013	67,400	34,458	28,707	591,155

NATALITY DOCUMENTATION TABLE 10.  
 LIVE BIRTHS BY AGE OF FATHER AND AGE AND RACE OF MOTHER: UNITED STATES, 1991  
 (RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

AGE AND RACE OF MOTHER	ALL AGES	AGE OF FATHER										
		UNDER 15 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-98 YEARS	NOT STATED
ALL RACES <sup>1/</sup> .....	4,110,907	505	129,074	624,968	1,006,905	940,399	477,724	168,728	45,923	13,601	7,509	695,571
UNDER 15 YEARS...	12,014	110	2,346	849	182	38	19	7	-	2	2	8,459
15-19 YEARS.....	519,577	287	97,970	159,383	36,434	7,996	2,002	637	209	70	83	214,506
20-24 YEARS.....	1,089,692	77	25,987	377,868	324,127	85,965	21,190	6,188	2,010	689	491	245,100
25-29 YEARS.....	1,219,965	18	2,187	71,595	525,135	367,399	90,167	24,274	6,740	2,091	1,356	129,003
30-34 YEARS.....	884,862	9	450	12,443	103,550	413,896	212,957	54,406	13,564	4,002	2,138	67,447
35-39 YEARS.....	330,993	2	118	2,472	15,793	60,179	140,675	63,696	15,449	4,438	2,290	25,881
40-44 YEARS.....	52,095	2	16	350	1,636	4,837	10,549	19,194	7,421	2,068	1,043	4,979
45-49 YEARS.....	1,709	-	-	8	48	89	165	326	530	241	106	196
WHITE.....	3,241,273	334	97,774	515,154	865,228	811,222	404,323	139,192	36,616	10,220	5,083	356,127
UNDER 15 YEARS...	5,189	49	1,360	633	135	26	15	5	-	2	-	2,964
15-19 YEARS.....	352,359	201	74,032	129,405	30,053	6,583	1,627	509	172	56	58	109,663
20-24 YEARS.....	831,233	62	20,190	313,651	274,566	70,962	16,958	4,902	1,581	508	299	127,554
25-29 YEARS.....	1,000,138	13	1,718	58,809	457,141	315,625	74,126	19,588	5,267	1,547	855	65,449
30-34 YEARS.....	736,816	6	361	10,287	88,598	362,379	181,291	44,731	10,766	2,982	1,441	33,974
35-39 YEARS.....	272,511	2	99	2,072	13,312	51,521	121,254	53,135	12,462	3,396	1,612	13,646
40-44 YEARS.....	41,792	1	14	293	1,385	4,054	8,920	16,072	5,943	1,575	756	2,779
45-49 YEARS.....	1,235	-	-	4	38	72	132	250	425	154	62	98
BLACK.....	682,602	146	27,269	90,650	101,577	78,635	42,529	17,627	5,872	2,290	1,647	314,360
UNDER 15 YEARS...	6,419	52	914	169	33	9	3	2	-	-	2	5,235
15-19 YEARS.....	150,956	73	20,928	25,370	4,882	1,037	296	100	28	12	18	98,212
20-24 YEARS.....	218,918	12	4,957	53,132	37,370	10,025	2,866	917	327	140	155	109,017
25-29 YEARS.....	163,052	5	386	10,059	47,646	31,680	9,713	3,134	1,070	415	376	58,568
30-34 YEARS.....	99,637	3	70	1,623	9,921	30,392	17,950	6,000	1,875	737	495	30,571
35-39 YEARS.....	37,362	-	13	257	1,588	5,059	10,796	5,860	1,766	680	444	10,899
40-44 YEARS.....	6,064	1	1	37	132	426	886	1,582	771	278	146	1,804
45-49 YEARS.....	194	-	-	3	5	7	19	32	35	28	11	54

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



NATALITY DOCUMENTATION TABLE 11.  
LIVE BIRTHS BY BIRTH WEIGHT, PERIOD OF GESTATION AND RACE OF MOTHER: UNITED STATES, 1991

(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

PERIOD OF GESTATION AND RACE OF MOTHER	TOTAL	BIRTH WEIGHT											NOT STATED
		UNDER 500 GRAMS	500- 900 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	
ALL RACES <sup>1/</sup> .....	4,110,907	5,497	20,606	26,894	55,934	183,299	669,364	1,511,479	1,197,183	365,391	62,925	7,591	4,744
UNDER 28 WEEKS....	29,304	5,042	15,019	4,378	1,474	1,069	1,571	-	-	-	-	-	751
28-31 WEEKS.....	49,690	218	4,159	13,590	11,427	5,384	5,599	6,079	3,078	-	-	-	156
32-35 WEEKS.....	208,895	15	594	5,887	26,675	54,803	54,316	42,116	19,323	4,216	638	120	192
36 WEEKS.....	152,193	1	58	603	4,566	25,256	54,571	45,117	17,463	3,796	605	79	78
37-39 WEEKS.....	1,715,825	10	166	1,208	7,849	67,601	345,680	714,163	450,561	109,087	16,433	2,176	891
40 WEEKS.....	919,682	6	75	311	1,289	12,762	101,543	347,079	330,569	105,961	17,794	1,877	416
41 WEEKS.....	557,969	-	33	150	694	6,180	49,823	188,788	212,470	82,279	15,467	1,786	299
42 WEEKS AND OVER.	434,195	4	31	273	1,152	7,954	49,081	153,190	152,894	56,592	11,323	1,434	267
NOT STATED.....	43,154	201	471	494	808	2,290	7,180	14,947	10,825	3,460	665	119	1,694
WHITE.....	3,241,273	2,901	11,780	16,479	35,762	120,889	469,304	1,178,433	1,015,515	323,770	56,426	6,595	3,419
UNDER 28 WEEKS....	15,766	2,646	8,394	2,399	648	494	731	-	-	-	-	-	454
28-31 WEEKS.....	29,363	120	2,505	8,453	7,108	2,714	2,771	3,545	2,044	-	-	-	103
32-35 WEEKS.....	138,530	11	373	3,742	17,488	37,019	35,520	26,979	13,503	3,174	497	88	136
36 WEEKS.....	109,514	-	39	389	3,046	17,058	38,906	33,057	13,369	3,027	502	62	59
37-39 WEEKS.....	1,342,873	6	111	761	5,036	44,777	244,111	556,882	378,966	95,331	14,375	1,808	709
40 WEEKS.....	755,251	5	48	187	811	8,333	72,545	276,101	284,416	94,747	16,063	1,652	343
41 WEEKS.....	467,150	-	24	96	460	4,040	35,986	151,681	184,477	74,368	14,150	1,623	245
42 WEEKS AND OVER.	351,008	3	16	172	710	5,062	34,065	119,164	129,925	50,162	10,248	1,266	215
NOT STATED.....	31,818	110	270	280	455	1,392	4,669	11,024	8,815	2,961	591	96	1,155
BLACK.....	682,602	2,460	8,194	9,507	18,088	54,101	162,760	256,477	134,665	29,926	4,602	707	1,115
UNDER 28 WEEKS....	12,720	2,280	6,209	1,852	786	546	772	-	-	-	-	-	275
28-31 WEEKS.....	18,461	93	1,521	4,700	3,944	2,465	2,580	2,222	890	-	-	-	46
32-35 WEEKS.....	60,716	4	197	1,926	8,229	15,665	16,206	12,694	4,775	837	112	24	47
36 WEEKS.....	35,694	-	15	197	1,364	7,095	13,137	9,910	3,263	607	78	14	14
37-39 WEEKS.....	286,852	3	48	403	2,455	19,346	80,888	119,417	52,505	9,896	1,481	265	145
40 WEEKS.....	124,630	1	23	109	423	3,822	23,254	53,878	33,738	7,966	1,205	154	57
41 WEEKS.....	69,469	-	7	42	209	1,866	11,324	28,582	20,748	5,622	911	118	40
42 WEEKS AND OVER.	66,096	1	14	88	388	2,561	12,709	27,186	17,511	4,718	767	117	36
NOT STATED.....	7,964	78	160	190	290	735	1,890	2,588	1,235	280	48	15	455

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

NATALITY DOCUMENTATION TABLE 12  
 LIVE BIRTHS BY MONTH OF PREGNANCY PRENATAL CARE BEGAN BY RACE OF MOTHER AND OF CHILD: UNITED STATES, 1991  
 (RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

RACE	TOTAL	MONTH OF PREGNANCY PRENATAL CARE BEGAN									
		1ST&2ND MONTH	3RD MONTH	4TH MONTH	5TH MONTH	6TH MONTH	7TH MONTH	8TH MONTH	9TH MONTH	NO CARE	NOT STATED
RACE OF MOTHER											
ALL RACES.....	4,110,907	2,227,360	840,135	372,569	217,049	133,779	86,755	48,926	19,548	76,864	87,922
WHITE.....	3,241,273	1,868,348	661,885	267,330	147,656	89,746	58,426	33,090	13,346	44,003	57,443
ALL OTHER.....	869,634	359,012	178,250	105,239	69,393	44,033	28,329	15,836	6,202	32,861	30,479
BLACK.....	682,602	268,107	139,339	86,557	57,850	36,292	23,022	12,550	4,764	30,063	24,058
RACE OF CHILD											
ALL RACES.....	4,110,907	2,227,360	840,135	372,569	217,049	133,779	86,755	48,926	19,548	76,864	87,922
WHITE.....	3,174,030	1,834,303	647,160	260,462	143,538	87,318	56,920	32,256	13,051	42,975	56,047
ALL OTHER.....	936,877	393,057	192,975	112,107	73,511	46,461	29,835	16,670	6,497	33,889	31,875
BLACK.....	725,163	288,226	148,776	91,272	60,805	38,028	24,088	13,113	4,983	30,901	24,971

NATALITY DOCUMENTATION TABLE 13  
 LIVE BIRTHS BY NUMBER OF PRENATAL VISITS BY RACE OF MOTHER AND OF CHILD: UNITED STATES, 1991  
 (RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

RACE	TOTAL	NUMBER OF PRENATAL VISITS											
		NO VISITS	1-2 VISITS	3-4 VISITS	5-6 VISITS	7-8 VISITS	9-10 VISITS	11-12 VISITS	13-14 VISITS	15-16 VISITS	17-18 VISITS	19 + VISITS	NOT STATED
RACE OF MOTHER													
ALL RACES.....	4,110,907	76,864	65,080	124,217	239,910	396,045	782,995	1,054,983	623,741	410,334	89,038	130,402	117,298
WHITE.....	3,241,273	44,003	38,426	77,478	162,003	293,515	614,432	881,901	531,738	338,470	74,606	105,905	78,796
ALL OTHER.....	869,634	32,861	26,654	46,739	77,907	102,530	168,563	173,082	92,003	71,864	14,432	24,497	38,502
BLACK.....	682,602	30,063	22,910	38,705	62,982	80,526	129,910	128,813	69,453	56,213	11,203	20,254	31,570
RACE OF CHILD													
ALL RACES.....	4,110,907	76,864	65,080	124,217	239,910	396,045	782,995	1,054,983	623,741	410,334	89,038	130,402	117,298
WHITE.....	3,174,030	42,975	37,467	75,477	157,928	286,732	601,358	865,211	521,854	331,597	73,158	103,408	76,865
ALL OTHER.....	936,877	33,889	27,613	48,740	81,982	109,313	181,637	189,772	101,887	78,737	15,880	26,994	40,433
BLACK.....	725,163	30,901	23,648	40,198	65,825	85,016	138,275	139,006	75,251	60,324	12,052	21,808	32,859

NATALITY DOCUMENTATION TABLE 14  
 LIVE BIRTHS BY 1- AND 5- MINUTE APGAR SCORES BY RACE OF MOTHER: TOTAL OF 48 REPORTING STATES  
 AND THE DISTRICT OF COLUMBIA, 1991

(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

RACE OF MOTHER	TOTAL	A P G A R S C O R E											
		0	1	2	3	4	5	6	7	8	9	10	NOT STATED
1-MIN SCORE													
ALL RACES <sup>1/</sup> .....	3,183,084	2,515	19,698	21,511	27,166	38,275	58,743	100,932	272,221	1,265,946	1,322,165	26,379	27,533
WHITE.....	2,473,332	1,486	12,480	14,413	19,092	27,572	43,519	77,289	216,805	1,008,183	1,012,162	21,566	18,765
BLACK.....	591,843	957	6,648	6,411	7,199	9,458	13,450	20,489	46,389	210,282	258,919	4,077	7,564
5-MIN SCORE													
ALL RACES <sup>1/</sup> .....	3,183,084	2,396	6,491	2,990	3,064	4,546	8,733	19,237	48,537	227,817	2,397,369	434,592	27,312
WHITE.....	2,473,332	1,413	3,646	1,762	1,848	2,956	5,714	13,025	35,047	175,879	1,857,903	355,381	18,758
BLACK.....	591,843	902	2,705	1,152	1,117	1,449	2,749	5,645	12,053	44,190	449,149	63,376	7,356

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

NATALITY DOCUMENTATION TABLE 15.  
LIVE BIRTHS BY 1- AND 5-MINUTE APGAR SCORES BY RACE OF CHILD: TOTAL OF 48 REPORTING STATES  
AND THE DISTRICT OF COLUMBIA, 1991

(RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

RACE OF CHILD	TOTAL	A P G A R S C O R E											
		0	1	2	3	4	5	6	7	8	9	10	NOT STATED
<b>1-MIN SCORE</b>													
ALL RACES <u>1</u> /.....	3,183,084	2,515	19,698	21,511	27,166	38,275	58,743	100,932	272,221	1,265,946	1,322,165	26,379	27,533
WHITE.....	2,427,172	1,456	12,183	14,097	18,676	27,030	42,702	75,776	212,734	989,185	993,689	21,284	18,360
BLACK.....	621,864	981	6,863	6,636	7,470	9,827	13,998	21,486	48,949	222,340	271,285	4,223	7,806
<b>5-MIN SCORE</b>													
ALL RACES <u>1</u> /.....	3,183,084	2,396	6,491	2,990	3,064	4,546	8,733	19,237	48,537	227,817	2,397,369	434,592	27,312
WHITE.....	2,427,172	1,390	3,561	1,712	1,810	2,887	5,590	12,744	34,363	172,505	1,822,199	350,049	18,362
BLACK.....	621,864	920	2,764	1,188	1,149	1,494	2,840	5,817	12,512	46,376	472,456	66,753	7,595

1/ INCLUDES RACES OTHER THAN WHITE AND BLACK

NATALITY DOCUMENTATION TABLE 16.  
 LIVE BIRTHS BY HISPANIC ORIGIN OF MOTHER AND OF FATHER: TOTAL OF 49 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1991  
 (RESIDENT BIRTHS ONLY, EXCLUDES BIRTHS TO NONRESIDENTS OF UNITED STATES)

ORIGIN OF FATHER	ALL ORIGINS	ORIGIN OF MOTHER							
		HISPANIC						NON HISPANIC	NOT STATED
		TOTAL	MEXICAN	PUERTO RICAN	CUBAN	CENTRAL AND SOUTH AMERICAN	OTHER AND UNKNOWN HISPANIC		
ALL ORIGINS.....	4,094,566	623,085	411,233	59,833	11,058	86,908	54,053	3,434,464	37,017
HISPANIC.....	549,263	467,631	330,519	36,295	6,987	64,312	29,518	80,830	802
MEXICAN.....	376,353	331,423	317,472	1,632	356	7,978	3,985	44,687	243
PUERTO RICAN.....	46,575	34,994	1,838	29,248	466	2,590	852	11,363	218
CUBAN.....	11,978	8,206	588	792	5,218	1,402	206	3,748	24
CENTRAL AND SOUTH AMERICAN.....	72,898	65,075	7,977	3,833	791	51,668	806	7,667	156
OTHER AND UNKNOWN HISPANIC.....	41,459	27,933	2,644	790	156	674	23,669	13,365	161
NON-HISPANIC.....	2,887,654	73,852	37,877	10,094	2,919	9,258	13,704	2,809,843	3,959
NOT STATED.....	657,649	81,602	42,837	13,444	1,152	13,338	10,831	543,791	32,256

NATALITY DOCUMENTATION TABLE 17.  
 LIVE BIRTHS BY MONTH AND STATE OF OCCURRENCE: UNITED STATES AND EACH STATE, 1991  
 (BIRTHS BY STATE OF OCCURRENCE INCLUDE BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

STATE OF OCCURRENCE	TOTAL	MONTH OF BIRTH											
		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNITED STATES	4,115,342	335,503	309,423	344,401	335,996	353,492	334,642	363,327	367,220	356,361	349,380	324,012	341,585
ALABAMA.....	61,703	5,208	4,601	5,127	4,939	5,110	4,861	5,558	5,611	5,477	5,117	4,885	5,209
ALASKA.....	11,555	950	864	1,000	941	1,021	967	1,013	1,055	972	954	895	923
ARIZONA.....	68,029	5,540	5,262	5,511	5,333	5,683	5,402	5,897	6,297	6,069	5,790	5,448	5,797
ARKANSAS.....	34,426	2,901	2,601	2,734	2,668	2,813	2,676	3,080	3,081	3,012	3,112	2,788	2,960
CALIFORNIA...	610,385	49,410	45,861	50,073	48,430	50,812	49,598	53,422	54,892	54,480	53,090	49,040	51,277
COLORADO.....	53,955	4,273	4,134	4,553	4,611	4,795	4,531	4,870	4,702	4,659	4,452	4,171	4,204
CONNECTICUT..	48,776	3,954	3,686	4,248	4,159	4,324	4,108	4,257	4,310	4,178	3,949	3,665	3,938
DELAWARE.....	11,875	1,009	864	1,043	1,013	1,048	943	1,034	1,052	1,017	935	912	1,005
DIST. OF COL.	21,096	1,777	1,628	1,821	1,699	1,789	1,688	1,857	1,792	1,757	1,841	1,689	1,758
FLORIDA.....	194,224	16,649	14,740	15,894	15,406	16,146	15,016	16,523	17,512	16,956	16,826	15,882	16,674
GEORGIA.....	111,717	9,354	8,408	9,325	9,079	9,275	8,718	9,784	10,221	9,659	9,425	8,851	9,618
HAWAII.....	19,985	1,620	1,521	1,717	1,587	1,668	1,565	1,624	1,722	1,763	1,755	1,649	1,794
IDAHO.....	16,721	1,308	1,249	1,455	1,360	1,604	1,459	1,467	1,391	1,474	1,385	1,294	1,275
ILLINOIS.....	190,809	15,398	14,300	16,170	15,763	16,453	15,488	17,095	17,151	16,377	16,106	15,012	15,496
INDIANA.....	85,646	6,943	6,467	7,302	7,134	7,379	6,902	7,613	7,610	7,526	7,136	6,513	7,121
IOWA.....	39,227	3,132	2,908	3,370	3,328	3,449	3,113	3,463	3,431	3,464	3,317	3,049	3,203
KANSAS.....	36,452	2,924	2,776	3,026	2,974	3,181	2,919	3,353	3,314	3,137	3,110	2,751	2,987
KENTUCKY.....	53,536	4,369	4,033	4,425	4,300	4,586	4,265	4,884	4,746	4,652	4,618	4,211	4,447
LOUISIANA....	72,473	6,148	5,341	5,617	5,586	5,778	5,503	6,425	6,728	6,675	6,299	5,942	6,431
MAINE.....	16,428	1,292	1,213	1,455	1,430	1,470	1,394	1,537	1,403	1,382	1,302	1,225	1,325
MARYLAND.....	72,987	5,935	5,553	6,241	6,014	6,361	5,984	6,486	6,429	6,275	6,077	5,533	6,099
MASSACHUSETTS	89,610	7,163	6,810	7,909	7,662	8,121	7,431	7,943	7,792	7,443	7,408	6,891	7,037
MICHIGAN.....	148,467	11,878	11,454	12,960	12,735	13,362	12,229	13,023	13,113	12,475	12,200	11,282	11,756
MINNESOTA....	66,990	5,183	4,967	5,789	5,668	6,006	5,537	6,023	5,911	5,652	5,754	5,112	5,388
MISSISSIPPI..	42,757	3,548	3,167	3,416	3,244	3,368	3,274	3,988	3,986	3,906	3,658	3,531	3,671
MISSOURI.....	81,076	6,562	6,129	6,730	6,595	7,141	6,578	7,378	7,202	6,958	6,809	6,399	6,595
MONTANA.....	11,294	880	809	1,001	953	1,002	971	975	973	973	1,016	897	844
NEBRASKA.....	24,199	1,963	1,742	2,036	2,035	2,189	2,000	2,161	2,166	1,957	2,054	1,901	1,995
NEVADA.....	21,778	1,740	1,657	1,866	1,673	1,855	1,873	1,836	2,019	1,918	1,804	1,714	1,823
NEW HAMPSHIRE	15,811	1,280	1,180	1,419	1,420	1,441	1,286	1,408	1,339	1,292	1,313	1,210	1,223

NATALITY DOCUMENTATION TABLE 17.  
 LIVE BIRTHS BY MONTH AND STATE OF OCCURRENCE: UNITED STATES AND EACH STATE, 1991  
 (BIRTHS BY STATE OF OCCURRENCE INCLUDE BIRTHS TO NONRESIDENTS OF THE UNITED STATES)

STATE OF OCCURRENCE	TOTAL	MONTH OF BIRTH											
		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
NEW JERSEY...	118,226	9,902	9,069	10,121	9,850	10,260	9,950	10,368	10,427	9,951	9,810	9,205	9,313
NEW MEXICO...	27,326	2,199	2,022	2,251	2,273	2,425	2,211	2,400	2,440	2,419	2,246	2,182	2,258
NEW YORK.....	293,518	23,907	22,063	25,009	24,324	25,396	24,593	25,707	25,735	24,824	24,831	23,077	24,052
N. CAROLINA...	102,859	8,644	7,787	8,674	8,234	8,707	8,245	8,902	9,271	8,806	8,603	8,082	8,904
NORTH DAKOTA..	10,151	750	800	891	899	893	867	919	875	890	818	771	778
OHIO.....	166,978	13,264	12,743	14,395	13,874	14,742	13,641	14,918	14,890	14,156	13,910	12,843	13,602
OKLAHOMA.....	46,824	3,807	3,514	3,749	3,751	3,967	3,766	4,240	4,145	4,172	4,132	3,652	3,929
OREGON.....	44,013	3,480	3,261	3,727	3,673	4,092	3,778	3,904	3,902	3,720	3,655	3,275	3,546
PENNSYLVANIA..	169,786	13,844	12,932	14,395	14,321	14,982	14,017	14,940	14,939	14,458	14,236	13,064	13,658
RHODE ISLAND..	15,518	1,265	1,195	1,346	1,394	1,379	1,327	1,345	1,314	1,224	1,297	1,189	1,243
S. CAROLINA...	55,512	4,697	4,299	4,649	4,366	4,630	4,470	4,746	5,105	4,776	4,602	4,377	4,795
SOUTH DAKOTA..	11,060	919	806	940	894	953	905	952	952	937	1,008	893	901
TENNESSEE....	78,829	6,662	5,908	6,446	6,401	6,718	6,290	7,090	7,121	6,776	6,561	6,190	6,666
TEXAS.....	322,065	26,364	23,288	25,312	25,496	26,921	25,530	28,605	29,229	28,305	28,601	26,409	28,005
UTAH.....	36,985	2,893	2,799	3,168	3,209	3,342	3,127	3,260	3,188	3,102	3,041	2,793	3,063
VERMONT.....	7,590	624	566	705	672	657	695	626	661	653	617	540	574
VIRGINIA.....	94,572	7,796	7,175	7,995	7,756	8,047	7,803	8,291	8,312	8,203	7,800	7,412	7,982
WASHINGTON...	78,346	6,164	5,675	6,674	6,483	7,076	6,701	7,147	6,893	6,832	6,551	5,914	6,236
WEST VIRGINIA..	23,448	1,891	1,737	1,925	1,847	2,026	1,984	2,087	2,120	1,961	2,025	1,855	1,990
WISCONSIN....	71,391	5,638	5,399	6,243	6,004	6,483	5,903	6,341	6,188	6,130	5,922	5,462	5,678
WYOMING.....	6,358	502	460	553	536	566	560	562	562	531	502	485	539



NATALITY DOCUMENTATION TABLE 18.  
 LIVE BIRTHS FOR SELECTED MEDICAL RISK FACTORS BY AGE AND RACE OF MOTHER: UNITED STATES, 1991  
 (SOME OF THE REPORTING AREAS DO NOT INCLUDE ALL OF THE LISTED RISK FACTORS ON THE BIRTH CERTIFICATE;  
 SEE TECHNICAL APPENDIX, TABLE A)

MEDICAL RISK FACTOR AND RACE OF MOTHER	ALL BIRTHS <sup>1/</sup>	MEDICAL RISK FACTOR REPORTED							MEDICAL RISK FACTOR NOT REPORTED	NOT STATED
		AGE OF MOTHER								
		ALL AGES	UNDER 20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-49 YEARS		
ALL RACES <sup>2/</sup>										
ANEMIA.....	4,110,907	73,970	14,171	23,527	18,422	12,236	4,778	836	3,868,227	168,710
CARDIAC DISEASE.....	4,110,907	14,421	1,195	2,921	4,317	3,926	1,737	325	3,927,776	168,710
ACUTE OR CHRONIC LUNG DISEASE....	4,110,907	14,465	2,230	3,670	3,786	3,101	1,432	246	3,927,792	168,710
DIABETES.....	4,110,907	92,345	4,002	15,557	27,246	27,258	14,882	3,400	3,849,852	168,710
GENITAL HERPES.....	3,634,317	28,356	2,543	6,487	8,116	7,465	3,229	516	3,510,026	95,935
HYDRAMNIOS/OLIGOHYDRAMNIOS.....	3,952,063	25,531	3,395	6,866	7,093	5,358	2,321	498	3,764,875	161,657
HEMOGLOBINOPATHY.....	3,952,063	1,945	369	549	451	407	137	32	3,788,461	161,657
HYPERTENSION, CHRONIC.....	4,110,907	25,703	1,396	4,183	6,854	7,347	4,542	1,381	3,916,494	168,710
HYPERTENSION, PREGNANCY- ASSOCIATED.....	4,110,907	107,692	16,461	28,883	29,888	21,257	9,366	1,837	3,834,505	168,710
ECLAMPSIA.....	4,110,907	14,063	2,849	3,872	3,502	2,466	1,153	221	3,928,134	168,710
INCOMPETENT CERVIX.....	3,952,063	9,055	552	1,738	2,661	2,624	1,283	197	3,781,351	161,657
PREVIOUS INFANT 4000+ GRAMS.....	3,952,063	38,430	775	6,501	12,267	12,161	5,609	1,117	3,751,976	161,657
PREVIOUS PRETERM OR SMALL- FDR-GESTATIONAL-AGE INFANT.....	3,952,063	44,245	2,935	11,467	13,164	11,011	4,806	862	3,746,161	161,657
RENAL DISEASE.....	4,110,907	8,705	1,537	2,695	2,253	1,509	620	91	3,933,492	168,710
RH SENSITIZATION.....	4,073,068	23,568	2,328	5,843	7,303	5,639	2,132	323	3,879,651	169,849
UTERINE BLEEDING.....	3,793,161	29,303	2,812	6,825	8,875	7,342	2,933	516	3,660,856	103,002

NATALITY DOCUMENTATION TABLE 18.  
 LIVE BIRTHS FOR SELECTED MEDICAL RISK FACTORS BY AGE AND RACE OF MOTHER: UNITED STATES, 1991-CON.  
 (SOME OF THE REPORTING AREAS DO NOT INCLUDE ALL OF THE LISTED RISK FACTORS ON THE BIRTH CERTIFICATE;  
 SEE TECHNICAL APPENDIX, TABLE A)

MEDICAL RISK FACTOR AND RACE OF MOTHER	ALL BIRTHS <sup>1/</sup>	MEDICAL RISK FACTOR REPORTED							MEDICAL RISK FACTOR NOT REPORTED	NOT STATED
		AGE OF MOTHER								
		ALL AGES	UNDER 20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-49 YEARS		
WHITE										
ANEMIA.....	3,241,273	47,796	7,705	14,622	12,684	8,785	3,434	566	3,060,672	132,805
CARDIAC DISEASE.....	3,241,273	11,977	784	2,266	3,725	3,447	1,487	268	3,096,491	132,805
ACUTE OR CHRONIC LUNG DISEASE.....	3,241,273	10,695	1,336	2,563	2,988	2,453	1,168	187	3,097,773	132,805
DIABETES.....	3,241,273	73,752	3,034	12,471	22,189	21,918	11,578	2,562	3,034,716	132,805
GENITAL HERPES.....	2,835,494	23,023	1,364	4,628	6,844	6,739	2,984	464	2,741,274	71,197
HYDRAMNIOS/OLIGOHYDRAMNIOS.....	3,102,783	19,320	2,178	5,103	5,600	4,254	1,811	374	2,956,310	127,153
HEMOGLOBINOPATHY.....	3,102,783	711	74	161	176	208	75	17	2,974,919	127,153
HYPERTENSION, CHRONIC.....	3,241,273	17,966	802	2,925	5,003	5,255	3,077	904	3,090,502	132,805
HYPERTENSION, PREGNANCY-ASSOCIATED.....	3,241,273	86,603	11,345	23,102	25,177	17,802	7,752	1,425	3,021,865	132,805
ECLAMPSIA.....	3,241,273	10,287	1,730	2,850	2,725	1,944	874	164	3,098,181	132,805
INCOMPETENT CERVIX.....	3,102,783	6,953	394	1,255	2,016	2,092	1,035	161	2,968,677	127,153
PREVIOUS INFANT 4000+ GRAMS.....	3,102,783	34,462	595	5,581	11,125	11,108	5,057	996	2,941,168	127,153
PREVIOUS PRETERM OR SMALL-FOR-GESTATIONAL-AGE INFANT.....	3,102,783	33,288	1,721	8,094	10,204	8,730	3,861	678	2,942,342	127,153
RENAL DISEASE.....	3,241,273	7,017	1,118	2,169	1,854	1,285	516	75	3,101,451	132,805
RH SENSITIZATION.....	3,207,599	21,173	1,870	5,083	6,704	5,230	1,990	296	3,052,581	133,845
UTERINE BLEEDING.....	2,973,984	24,049	1,939	5,390	7,563	6,252	2,480	425	2,873,072	76,863

NATALITY DOCUMENTATION TABLE 18.  
 LIVE BIRTHS FOR SELECTED MEDICAL RISK FACTORS BY AGE AND RACE OF MOTHER: UNITED STATES, 1991-CON.  
 (SOME OF THE REPORTING AREAS DO NOT INCLUDE ALL OF THE LISTED RISK FACTORS ON THE BIRTH CERTIFICATE;  
 SEE TECHNICAL APPENDIX, TABLE A)

MEDICAL RISK FACTOR AND RACE OF MOTHER	ALL BIRTHS <sup>1/</sup>	MEDICAL RISK FACTOR REPORTED							MEDICAL RISK FACTOR NOT REPORTED	NOT STATED
		AGE OF MOTHER								
		ALL AGES	UNDER 20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-49 YEARS		
<b>BLACK</b>										
ANEMIA.....	682,602	21,713	5,755	7,631	4,585	2,584	980	178	630,265	30,624
CARDIAC DISEASE.....	682,602	2,030	386	579	482	368	181	34	649,948	30,624
ACUTE OR CHRONIC LUNG DISEASE....	682,602	3,273	842	1,002	670	518	199	42	648,705	30,624
DIABETES.....	682,602	12,776	830	2,489	3,580	3,403	1,990	484	639,202	30,624
GENITAL HERPES.....	622,615	4,584	1,111	1,692	1,064	532	155	30	596,978	21,053
HYDRAMNIOS/OLIGOHYDRAMNIOS.....	665,705	5,065	1,112	1,522	1,181	797	366	87	631,277	29,363
HEMOGLOBINOPATHY.....	665,705	1,104	282	359	238	164	51	10	635,238	29,363
HYPERTENSION, CHRONIC.....	682,602	6,882	559	1,164	1,645	1,842	1,271	401	645,096	30,624
HYPERTENSION, PREGNANCY-ASSOCIATED.....	682,602	17,468	4,631	4,962	3,785	2,632	1,174	284	634,510	30,624
ECLAMPSIA.....	682,602	3,251	1,003	903	652	428	221	44	648,727	30,624
INCOMPETENT CERVIX.....	665,705	1,829	147	446	566	445	195	30	634,513	29,363
PREVIOUS INFANT 4000+ GRAMS.....	665,705	2,508	146	637	716	624	320	65	633,834	29,363
PREVIOUS PRETERM OR SMALL-FOR-GESTATIONAL-AGE INFANT.....	665,705	9,078	1,096	2,971	2,471	1,780	648	112	627,264	29,363
RENAL DISEASE.....	682,602	1,379	365	442	319	177	67	9	650,599	30,624
RH SENSITIZATION.....	679,440	1,961	396	638	474	331	102	20	646,772	30,707
UTERINE BLEEDING.....	639,512	4,162	806	1,237	1,020	750	298	51	613,036	22,314

<sup>1/</sup> TOTAL NUMBER OF BIRTHS TO RESIDENTS OF AREAS REPORTING SPECIFIED MEDICAL RISK FACTOR.  
<sup>2/</sup> INCLUDES RACES OTHER THAN WHITE AND BLACK.

NATALITY DOCUMENTATION TABLE 19.  
LIVE BIRTHS BY SMOKING STATUS OF MOTHER AND AVERAGE NUMBER OF CIGARETTES SMOKED BY MOTHER PER DAY, BY AGE AND RACE OF MOTHER: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1991

SMOKING STATUS, AVERAGE NUMBER OF CIGARETTES PER DAY, AND RACE OF MOTHER	ALL	AGE OF MOTHER								
		UNDER 15 YEARS	15-19 YEARS			20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-49 YEARS
			TOTAL	15-17 YEARS	18-19 YEARS					
ALL RACES <sup>1/</sup>										
TOTAL.....	3,111,544	9,720	409,564	148,200	261,364	837,451	921,862	658,395	238,127	36,425
SMOKER.....	531,683	705	77,869	23,641	54,228	170,870	152,176	95,538	30,368	4,157
1-5 CIGARETTES.....	103,687	235	19,176	6,646	12,530	33,561	28,014	16,873	5,137	691
6-10 CIGARETTES.....	199,697	273	31,473	9,600	21,873	65,956	56,141	34,161	10,333	1,360
11-15 CIGARETTES.....	32,088	14	3,669	974	2,695	10,024	10,035	6,321	1,784	241
16-20 CIGARETTES.....	137,268	104	16,411	4,225	12,186	43,710	40,973	26,278	8,596	1,196
21-30 CIGARETTES.....	19,915	9	1,741	434	1,307	5,686	6,017	4,496	1,706	260
31-40 CIGARETTES.....	7,593	6	560	144	416	1,915	2,227	1,851	900	134
41 CIGARETTES OR MORE.....	1,132	-	131	38	93	310	306	244	118	23
NOT STATED.....	30,303	64	4,708	1,580	3,128	9,708	8,463	5,314	1,794	252
NON-SMOKER.....	2,461,074	8,619	316,911	119,070	197,841	636,607	734,930	535,885	197,438	30,684
NOT STATED.....	118,787	396	14,784	5,489	9,295	29,974	34,756	26,972	10,321	1,584
WHITE										
TOTAL.....	2,439,406	3,718	267,183	88,880	178,303	626,992	758,240	554,765	198,936	29,572
SMOKER.....	441,529	557	67,471	20,354	47,117	143,914	124,703	77,396	24,204	3,284
1-5 CIGARETTES.....	75,188	155	14,785	5,131	9,654	24,217	19,884	12,033	3,635	479
6-10 CIGARETTES.....	163,509	242	27,687	8,499	19,188	55,080	44,814	26,794	7,853	1,039
11-15 CIGARETTES.....	29,322	13	3,466	909	2,557	9,307	9,131	5,643	1,560	202
16-20 CIGARETTES.....	122,803	90	15,311	3,928	11,383	39,986	36,383	22,750	7,281	1,002
21-30 CIGARETTES.....	18,304	7	1,648	412	1,236	5,273	5,507	4,082	1,562	225
31-40 CIGARETTES.....	6,756	5	507	125	382	1,736	1,951	1,636	799	122
41 CIGARETTES OR MORE.....	953	-	116	34	82	267	246	206	98	20
NOT STATED.....	24,694	45	3,951	1,316	2,635	8,048	6,787	4,252	1,416	195
NON-SMOKER.....	1,905,945	2,982	189,974	65,147	124,827	461,149	605,622	455,041	166,159	25,018
NOT STATED.....	91,932	179	9,738	3,379	6,359	21,929	27,915	22,328	8,573	1,270

NATALITY DOCUMENTATION TABLE 19.  
LIVE BIRTHS BY SMOKING STATUS OF MOTHER AND AVERAGE NUMBER OF CIGARETTES SMOKED BY MOTHER PER DAY, BY AGE AND RACE OF MOTHER: TOTAL OF 46 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1991-CON.

SMOKING STATUS, AVERAGE NUMBER OF CIGARETTES PER DAY, AND RACE OF MOTHER	ALL	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.....	563,205	5,739	130,715	55,100	75,615	184,569	130,874	78,026	28,589	4,693
SMOKER.....	79,143	119	8,431	2,593	5,838	23,434	24,636	16,346	5,434	743
1-5 CIGARETTES.....	25,276	67	3,661	1,250	2,411	8,286	7,359	4,392	1,326	185
6-10 CIGARETTES.....	32,147	27	3,093	861	2,232	9,583	10,264	6,710	2,198	272
11-15 CIGARETTES.....	2,387	1	160	47	113	594	796	608	195	33
16-20 CIGARETTES.....	12,586	8	847	220	627	3,141	4,098	3,151	1,171	170
21-30 CIGARETTES.....	1,405	2	73	16	57	343	453	374	129	31
31-40 CIGARETTES.....	760	1	48	17	31	160	254	197	89	11
41 CIGARETTES OR MORE.....	153	-	9	4	5	39	51	34	17	3
NOT STATED.....	4,429	13	540	178	362	1,288	1,361	880	309	38
NON-SMOKER.....	462,165	5,411	117,724	50,578	67,146	154,145	100,858	58,331	21,951	3,745
NOT STATED.....	21,897	209	4,560	1,929	2,631	6,990	5,380	3,349	1,204	205

1/ INCLUDES RACES OTHER THAN WHITE AND BLACK.

NATALITY DOCUMENTATION TABLE 20.  
LIVE BIRTHS BY DRINKING STATUS OF MOTHER AND BY MOTHER'S AVERAGE NUMBER OF DRINKS PER WEEK, BY AGE AND RACE OF MOTHER: TOTAL OF 47 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1991

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 <u>1/</u>										
TOTAL.....	3,197,251	9,934	421,712	152,295	269,417	862,959	947,856	674,423	243,253	37,114
DRINKER.....	88,411	82	6,542	2,050	4,492	19,274	27,006	24,257	9,789	1,461
1 DRINK OR LESS.....	37,997	23	2,446	738	1,708	7,342	11,670	11,387	4,483	646
2 DRINKS.....	9,668	12	524	177	347	1,915	2,993	2,782	1,250	192
3-4 DRINKS.....	6,329	4	437	128	309	1,398	1,936	1,715	740	99
5 DRINKS OR MORE.....	7,533	6	486	160	326	1,690	2,387	2,006	812	146
NOT STATED.....	26,884	37	2,649	847	1,802	6,929	8,020	6,367	2,504	378
NON-DRINKER.....	2,979,981	9,419	398,983	144,276	254,707	810,923	883,339	621,011	222,350	33,956
NOT STATED.....	128,859	433	16,187	5,969	10,218	32,762	37,511	29,155	11,114	1,697
WHITE										
TOTAL.....	2,514,797	3,827	276,715	91,862	184,853	649,078	781,941	569,463	203,578	30,195
DRINKER.....	66,388	47	4,604	1,438	3,166	13,340	19,895	19,337	7,964	1,201
1 DRINK OR LESS.....	31,951	16	1,803	551	1,252	5,630	9,794	10,108	4,021	579
2 DRINKS.....	6,779	7	334	109	225	1,140	1,980	2,146	1,010	162
3-4 DRINKS.....	4,007	1	266	88	178	844	1,139	1,154	532	71
5 DRINKS OR MORE.....	3,959	3	304	104	200	875	1,175	1,037	469	96
NOT STATED.....	19,692	20	1,897	586	1,311	4,851	5,807	4,892	1,932	293
NON-DRINKER.....	2,348,377	3,580	261,290	86,701	174,589	611,582	731,901	526,009	186,383	27,632
NOT STATED.....	100,032	200	10,821	3,723	7,098	24,156	30,145	24,117	9,231	1,362

NATALITY DOCUMENTATION TABLE 20.  
LIVE BIRTHS BY DRINKING STATUS OF MOTHER AND BY MOTHER'S AVERAGE NUMBER OF DRINKS PER WEEK, BY AGE AND RACE OF MOTHER: TOTAL OF 47 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1991-CON.

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					
BLACK										
TOTAL.....	572,715	5,844	133,280	56,200	77,080	187,836	132,886	79,139	28,985	4,745
DRINKER.....	18,842	26	1,486	449	1,037	5,034	6,230	4,295	1,561	210
1 DRINK OR LESS.....	5,013	6	496	144	352	1,430	1,599	1,063	368	51
2 DRINKS.....	2,681	5	164	59	105	714	956	591	223	28
3-4 DRINKS.....	2,108	3	142	30	112	496	739	516	189	23
5 DRINKS OR MORE.....	3,231	3	145	41	104	719	1,104	901	315	44
NOT STATED.....	5,809	9	539	175	364	1,675	1,832	1,224	466	64
NON-DRINKER.....	530,395	5,592	126,959	53,704	73,255	175,340	120,855	71,209	26,124	4,316
NOT STATED.....	23,478	226	4,835	2,047	2,788	7,462	5,801	3,635	1,300	219

1/ INCLUDES RACES OTHER THAN WHITE AND BLACK.

NATALITY DOCUMENTATION TABLE 21.  
LIVE BIRTHS BY WEIGHT GAIN DURING PREGNANCY, BY AGE AND RACE OF MOTHER: TOTAL OF 49 REPORTING STATES AND THE DISTRICT OF COLUMBIA,  
1991

AGE AND RACE OF MOTHER	TOTAL	WEIGHT GAIN DURING PREGNANCY								
		LESS THAN 16 POUNDS	16-20 POUNDS	21-25 POUNDS	26-30 POUNDS	31-35 POUNDS	36-40 POUNDS	41-45 POUNDS	46 POUNDS OR MORE	NOT STATED
ALL RACES 1/.....	3,500,830	291,341	336,878	466,641	618,060	447,459	383,493	191,883	299,604	465,471
UNDER 20 YEARS....	459,680	41,971	47,215	56,224	68,976	50,455	47,642	27,114	51,241	68,842
20-24 YEARS.....	930,629	85,000	93,178	120,180	152,960	111,073	100,060	52,976	89,445	125,757
25-29 YEARS.....	1,042,165	80,743	95,314	140,087	191,804	141,533	118,383	58,255	84,765	131,281
30-34 YEARS.....	751,471	55,858	69,562	105,300	144,827	103,574	83,959	38,856	53,863	95,672
35-39 YEARS.....	274,204	23,241	26,853	38,661	51,995	35,883	29,262	12,894	17,981	37,434
40-49 YEARS.....	42,681	4,528	4,756	6,189	7,498	4,941	4,187	1,788	2,309	6,485
WHITE.....	2,740,621	196,448	246,372	369,958	504,653	376,156	318,149	160,488	241,739	326,658
UNDER 20 YEARS....	297,990	20,467	26,407	35,479	45,774	36,104	34,405	20,429	38,768	40,157
20-24 YEARS.....	697,178	55,215	64,976	90,521	118,753	89,648	79,926	43,137	70,720	84,282
25-29 YEARS.....	853,783	58,763	74,350	116,622	163,119	122,909	101,493	50,033	70,127	96,367
30-34 YEARS.....	629,715	41,644	55,754	89,740	125,776	91,590	73,202	34,048	45,131	72,830
35-39 YEARS.....	227,504	17,075	21,212	32,534	44,909	31,602	25,515	11,296	15,061	28,300
40-49 YEARS.....	34,451	3,284	3,673	5,062	6,322	4,303	3,608	1,545	1,932	4,722
BLACK.....	634,933	83,403	76,141	78,881	91,616	56,756	53,861	25,952	50,109	118,214
UNDER 20 YEARS....	148,939	20,343	19,385	19,199	21,384	12,964	11,978	5,923	11,097	26,666
20-24 YEARS.....	204,763	26,899	25,099	25,941	29,622	18,215	17,332	8,437	16,407	36,811
25-29 YEARS.....	150,102	18,789	16,727	17,965	21,744	13,911	13,336	6,461	12,487	28,682
30-34 YEARS.....	91,153	11,652	10,169	10,868	13,251	8,288	8,065	3,722	7,380	17,758
35-39 YEARS.....	34,245	4,863	4,033	4,179	4,832	2,919	2,753	1,230	2,423	7,013
40-49 YEARS.....	5,731	857	728	729	783	459	397	179	315	1,284

1/ INCLUDES RACES OTHER THAN WHITE AND BLACK.



NATALITY DOCUMENTATION TABLE 22.  
LIVE BIRTHS WITH SELECTED OBSTETRIC PROCEDURES BY AGE AND RACE OF MOTHER: UNITED STATES, 1991

(SOME OF THE REPORTING AREAS DO NOT INCLUDE ALL OF THE LISTED PROCEDURES ON THE BIRTH CERTIFICATE; SEE TECHNICAL APPENDIX, TABLE A)

OBSTETRIC PROCEDURE AND RACE OF MOTHER	ALL BIRTHS <sup>1/</sup>	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 <sup>2/</sup>										
AMNIOCENTESIS.....	4,110,907	125,879	5,975	14,762	20,285	25,982	49,025	9,850	3,873,472	111,556
ELECTRONIC FETAL MONITORING	4,110,907	3,020,280	394,465	804,896	900,725	645,566	236,832	37,796	979,071	111,556
INDUCTION OF LABOR.....	4,110,907	418,346	46,324	107,109	129,976	93,379	35,570	5,988	3,581,005	111,556
STIMULATION OF LABOR.....	4,110,907	483,025	61,364	126,456	146,624	104,685	37,796	6,100	3,516,326	111,556
TOCOLYSIS.....	4,110,907	64,121	9,412	17,579	18,095	13,190	5,073	772	3,935,230	111,556
ULTRASOUND.....	3,916,676	2,135,842	267,882	565,087	640,377	462,003	172,868	27,625	1,671,570	109,264
WHITE										
AMNIOCENTESIS.....	3,241,273	107,455	4,347	11,690	17,021	22,751	43,098	8,548	3,047,986	85,832
ELECTRONIC FETAL MONITORING	3,241,273	2,402,250	267,794	619,673	745,639	542,267	196,337	30,540	753,191	85,832
INDUCTION OF LABOR.....	3,241,273	356,571	34,697	89,390	113,980	82,523	30,890	5,091	2,798,870	85,832
STIMULATION OF LABOR.....	3,241,273	393,030	43,132	100,217	123,373	89,417	31,828	5,063	2,762,411	85,832
TOCOLYSIS.....	3,241,273	51,888	6,741	13,891	15,183	11,174	4,252	647	3,103,553	85,832
ULTRASOUND.....	3,095,821	1,730,040	187,630	444,250	537,839	392,572	145,158	22,591	1,281,646	84,135
BLACK										
AMNIOCENTESIS.....	682,602	11,730	1,409	2,548	2,314	1,882	2,937	640	649,350	21,522
ELECTRONIC FETAL MONITORING	682,602	490,605	115,135	158,076	116,115	70,589	26,340	4,350	170,475	21,522
INDUCTION OF LABOR.....	682,602	48,026	10,372	14,877	11,736	7,384	3,089	568	613,054	21,522
STIMULATION OF LABOR.....	682,602	69,440	16,443	22,014	16,755	9,958	3,680	590	591,640	21,522
TOCOLYSIS.....	682,602	10,038	2,428	3,248	2,297	1,451	537	77	651,042	21,522
ULTRASOUND.....	639,357	317,591	71,920	101,911	76,036	47,091	17,679	2,954	300,740	21,026

<sup>1/</sup> TOTAL NUMBER OF BIRTHS TO RESIDENTS OF AREAS REPORTING SPECIFIED OBSTETRIC PROCEDURE.

<sup>2/</sup> INCLUDES RACES OTHER THAN WHITE AND BLACK.

NATALITY DOCUMENTAION TABLE 23.  
 LIVE BIRTHS WITH SELECTED COMPLICATIONS OF LABOR AND/OR DELIVERY BY AGE AND RACE OF MOTHER: UNITED STATES, 1991  
 (SOME OF THE REPORTING AREAS DO NOT INCLUDE ALL OF THE LISTED COMPLICATIONS ON THE BIRTH CERTIFICATE;  
 SEE TECHNICAL APPENDIX, TABLE A)

COMPLICATION AND RACE OF MOTHER	ALL BIRTHS <sup>1/</sup>	COMPLICATION REPORTED							COMPLICATION 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 <sup>2/</sup>										
FEBRILE.....	4,110,907	51,488	8,387	14,106	15,050	9,796	3,569	580	3,911,370	148,049
MECONIUM, MODERATE/HEAVY.....	4,110,907	240,881	33,983	64,414	69,108	50,007	19,790	3,579	3,721,977	148,049
PREMATURE RUPTURE OF MEMBRANE.....	4,110,907	129,088	16,637	32,303	37,804	28,638	11,641	2,065	3,833,770	148,049
ABRUPTIO PLACENTA.....	4,110,907	23,810	3,029	6,005	6,687	5,326	2,337	426	3,939,048	148,049
PLACENTA PREVIA.....	4,110,907	13,864	655	2,300	4,041	4,171	2,268	429	3,948,994	148,049
OTHER EXCESSIVE BLEEDING.....	4,110,907	21,343	2,487	5,300	6,164	4,869	2,093	430	3,941,515	148,049
SEIZURES DURING LABOR.....	4,110,907	1,503	421	417	331	209	104	21	3,961,355	148,049
PRECIPITOUS LABOR.....	4,110,907	74,036	7,461	18,908	22,023	17,522	6,985	1,137	3,888,822	148,049
PROLONGED LABOR.....	4,110,907	41,003	5,882	11,331	12,009	8,058	3,161	562	3,921,855	148,049
DYSFUNCTIONAL LABOR.....	4,110,907	116,883	14,792	30,671	35,828	24,418	9,489	1,685	3,845,975	148,049
BREECH/MALPRESENTATION.....	4,110,907	150,937	15,480	34,593	45,921	36,863	15,284	2,796	3,811,921	148,049
CEPHALOPELVIC DISPROPORTION.....	3,634,317	124,785	15,594	32,461	39,202	26,170	9,773	1,585	3,417,726	91,806
CORD PROLAPSE.....	4,042,798	10,618	1,193	2,644	3,140	2,432	1,013	196	3,883,610	148,570
ANESTHETIC COMPLICATION.....	3,793,161	1,550	163	359	442	371	187	28	3,695,113	96,498
FETAL DISTRESS.....	3,793,161	158,608	23,243	42,354	44,725	32,016	13,528	2,742	3,538,055	96,498

NATALITY DOCUMENTAION TABLE 23.

LIVE BIRTHS WITH SELECTED COMPLICATIONS OF LABOR AND/OR DELIVERY BY AGE AND RACE OF MOTHER: UNITED STATES, 1991-Continued

(SOME OF THE REPORTING AREAS DO NOT INCLUDE ALL OF THE LISTED COMPLICATIONS ON THE BIRTH CERTIFICATE;  
SEE TECHNICAL APPENDIX, TABLE A)

COMPLICATION AND RACE OF MOTHER	ALL BIRTHS <sup>1/</sup>	COMPLICATION REPORTED							COMPLICATION 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		
WHITE										
FEBRILE.....	3,241,273	38,209	5,159	10,153	11,852	7,778	2,839	428	3,086,248	116,816
MECONIUM, MODERATE/HEAVY.....	3,241,273	175,479	20,661	45,041	52,612	38,992	15,450	2,723	2,948,978	116,816
PREMATURE RUPTURE OF MEMBRANE.....	3,241,273	98,403	10,558	23,826	29,965	23,002	9,435	1,617	3,026,054	116,816
ABRUPTIO PLACENTA.....	3,241,273	18,298	2,033	4,411	5,358	4,284	1,868	344	3,106,159	116,816
PLACENTA PREVIA.....	3,241,273	10,822	429	1,724	3,230	3,308	1,797	334	3,113,635	116,816
OTHER EXCESSIVE BLEEDING.....	3,241,273	16,529	1,712	3,999	4,891	3,915	1,681	331	3,107,928	116,816
SEIZURES DURING LABOR.....	3,241,273	1,082	257	301	255	172	82	15	3,123,375	116,816
PRECIPITOUS LABOR.....	3,241,273	55,760	4,439	13,102	17,250	14,359	5,714	896	3,068,697	116,816
PROLONGED LABOR.....	3,241,273	33,440	4,263	9,096	10,159	6,827	2,628	467	3,091,017	116,816
DYSFUNCTIONAL LABOR.....	3,241,273	95,953	10,724	24,794	30,266	20,752	8,003	1,414	3,028,504	116,816
BREECH/MALPRESENTATION.....	3,241,273	125,420	11,675	28,125	39,138	31,341	12,895	2,246	2,999,037	116,816
CEPHALOPELVIC DISPROPORTION.....	2,835,494	102,222	11,075	26,445	33,224	22,061	8,146	1,271	2,664,395	68,877
CORD PROLAPSE.....	3,182,762	8,355	778	2,027	2,572	2,000	821	157	3,057,325	117,082
ANESTHETIC COMPLICATION.....	2,973,984	1,241	109	277	357	314	157	27	2,900,058	72,685
FETAL DISTRESS.....	2,973,984	118,222	14,887	31,019	34,831	24,932	10,449	2,104	2,783,077	72,685

NATALITY DOCUMENTAION TABLE 23.  
LIVE BIRTHS WITH SELECTED COMPLICATIONS OF LABOR AND/OR DELIVERY BY AGE AND RACE OF MOTHER: UNITED STATES, 1991-Continued

(SOME OF THE REPORTING AREAS DO NOT INCLUDE ALL OF THE LISTED COMPLICATIONS ON THE BIRTH CERTIFICATE;  
SEE TECHNICAL APPENDIX, TABLE A)

COMPLICATION AND RACE OF MOTHER	ALL BIRTHS <sup>1/</sup>	COMPLICATION REPORTED							COMPLICATION 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		
BLACK										
FEBRILE.....	682,602	10,481	2,954	3,337	2,317	1,353	436	84	645,919	26,202
MECONIUM, MODERATE/HEAVY.....	682,602	55,193	12,396	17,072	13,476	8,435	3,244	570	601,207	26,202
PREMATURE RUPTURE OF MEMBRANE.....	682,602	25,164	5,511	7,268	6,228	4,275	1,585	297	631,236	26,202
ABRUPTIO PLACENTA.....	682,602	4,625	925	1,429	1,080	799	340	52	651,775	26,202
PLACENTA PREVIA.....	682,602	2,217	209	510	612	562	279	45	654,183	26,202
OTHER EXCESSIVE BLEEDING.....	682,602	3,041	577	907	757	531	223	46	653,359	26,202
SEIZURES DURING LABOR.....	682,602	356	151	101	57	29	16	2	656,044	26,202
PRECIPITOUS LABOR.....	682,602	14,166	2,695	4,796	3,579	2,162	807	127	642,234	26,202
PROLONGED LABOR.....	682,602	5,211	1,320	1,684	1,180	694	284	49	651,189	26,202
DYSFUNCTIONAL LABOR.....	682,602	16,391	3,690	4,997	4,119	2,459	970	156	640,009	26,202
BREECH/MALPRESENTATION.....	682,602	19,171	3,339	5,374	4,904	3,680	1,557	317	637,229	26,202
CEPHALOPELVIC DISPROPORTION.....	622,615	16,480	4,073	4,973	4,070	2,390	837	137	586,983	19,152
CORD PROLAPSE.....	680,081	1,862	369	535	471	331	133	23	651,990	26,229
ANESTHETIC COMPLICATION.....	639,512	241	51	69	64	38	18	1	619,336	19,935
FETAL DISTRESS.....	639,512	33,985	7,776	10,038	8,054	5,419	2,264	434	585,592	19,935

<sup>1/</sup> TOTAL NUMBER OF BIRTHS TO RESIDENTS OF AREAS REPORTING SPECIFIED COMPLICATION.

<sup>2/</sup> INCLUDES RACES OTHER THAN WHITE AND BLACK.

NATALITY DOCUMENTATION TABLE 24.  
LIVE BIRTHS BY METHOD OF DELIVERY AND AGE AND RACE OF MOTHER: UNITED STATES, 1991

AGE AND RACE OF MOTHER	ALL BIRTHS	METHOD OF DELIVERY										
		VAGINAL							CESAREAN			NOT STATED
		TOTAL	VAGINAL BIRTH AFTER CESAREAN			OTHER VAGINAL			TOTAL	PRIMARY	REPEAT	
			ALL 1/	FORCEPS	VACUUM	ALL 1/	FORCEPS	VACUUM				
ALL RACES 2/	4,110,907	3,100,891	90,690	5,649	5,765	3,010,201	177,467	170,637	905,077	569,195	335,882	104,939
UNDER 15 YEARS...	12,014	9,870	6	-	-	9,864	583	562	1,818	1,792	26	326
15-19 YEARS.....	519,577	422,676	4,009	173	194	418,667	25,837	23,635	83,148	71,196	11,952	13,753
15-17 YEARS.....	188,226	155,351	830	33	34	154,521	9,636	9,025	27,773	25,434	2,339	5,102
18-19 YEARS.....	331,351	267,325	3,179	140	160	264,146	16,201	14,610	55,375	45,762	9,613	8,651
20-24 YEARS.....	1,089,692	850,344	19,756	1,028	1,031	830,588	47,699	44,856	211,872	144,346	67,526	27,476
25-29 YEARS.....	1,219,965	912,659	29,694	1,889	1,935	882,965	54,536	51,856	276,526	168,853	107,673	30,780
30-34 YEARS.....	884,862	640,596	26,275	1,825	1,841	614,321	35,230	35,188	221,320	121,617	99,703	22,946
35-39 YEARS.....	330,993	229,064	9,707	648	684	219,357	11,745	12,536	93,543	51,164	42,379	8,386
40-49 YEARS.....	53,804	35,682	1,243	86	80	34,439	1,837	2,004	16,850	10,227	6,623	1,272
WHITE.....	3,241,273	2,434,900	72,564	4,860	4,924	2,362,336	151,207	144,684	723,088	452,534	270,554	83,285
UNDER 15 YEARS...	5,189	4,230	1	-	-	4,229	278	302	790	777	13	169
15-19 YEARS.....	352,359	285,635	2,168	97	124	283,467	19,635	18,313	57,122	49,959	7,163	9,602
15-17 YEARS.....	118,809	97,857	372	15	19	97,485	6,836	6,576	17,583	16,428	1,155	3,369
18-19 YEARS.....	233,550	187,778	1,796	82	105	185,982	12,799	11,737	39,539	33,531	6,008	6,233
20-24 YEARS.....	831,233	646,432	14,181	820	824	632,251	40,414	37,927	163,950	113,595	50,355	20,851
25-29 YEARS.....	1,000,138	746,892	24,290	1,643	1,678	722,602	48,104	45,168	227,977	139,192	88,785	25,269
30-34 YEARS.....	736,816	534,121	22,526	1,649	1,639	511,595	30,998	30,569	183,401	99,595	83,806	19,294
35-39 YEARS.....	272,511	188,936	8,347	577	591	180,589	10,187	10,751	76,503	41,398	35,105	7,072
40-49 YEARS.....	43,027	28,654	1,051	74	68	27,603	1,591	1,654	13,345	8,018	5,327	1,028

NATALITY DOCUMENTATION TABLE 24.  
LIVE BIRTHS BY METHOD OF DELIVERY AND AGE AND RACE OF MOTHER: UNITED STATES, 1991-CON.

AGE AND RACE OF MOTHER	ALL BIRTHS	METHOD OF DELIVERY										
		VAGINAL							CESAREAN			NOT STATED
		TOTAL	VAGINAL BIRTH AFTER CESAREAN			OTHER VAGINAL			TOTAL	PRIMARY	REPEAT	
			ALL <u>1/</u>	FORCEPS	VACUUM	ALL <u>1/</u>	FORCEPS	VACUUM				
BLACK.....	682,602	519,047	14,213	556	540	504,834	19,698	17,065	145,583	92,645	52,938	17,972
UNDER 15 YEARS...	6,419	5,286	5	-	-	5,281	295	236	986	973	13	147
15-19 YEARS.....	150,956	122,984	1,725	72	61	121,259	5,635	4,541	24,115	19,566	4,549	3,857
15-17 YEARS.....	63,571	52,362	435	17	13	51,927	2,580	2,143	9,576	8,436	1,140	1,633
18-19 YEARS.....	87,385	70,622	1,290	55	48	69,332	3,055	2,398	14,539	11,130	3,409	2,224
20-24 YEARS.....	218,918	170,784	4,856	176	157	165,928	5,974	5,186	42,275	26,633	15,642	5,859
25-29 YEARS.....	163,052	120,550	4,207	171	169	116,343	4,198	3,864	38,154	22,358	15,796	4,348
30-34 YEARS.....	99,637	70,148	2,486	96	106	67,662	2,547	2,274	26,819	15,251	11,568	2,670
35-39 YEARS.....	37,362	25,302	822	37	43	24,480	916	849	11,136	6,519	4,617	924
40-49 YEARS.....	6,258	3,993	112	4	4	3,881	133	115	2,098	1,345	753	167

1/ INCLUDES BIRTHS THAT WERE NOT DELIVERED BY FORCEPS OR VACUUM EXTRACTION.

2/ INCLUDES RACES OTHER THAN WHITE AND BLACK.

NATALITY DOCUMENTATION TABLE 25.

LIVE BIRTHS WITH SELECTED ABNORMAL CONDITIONS OF THE NEWBORN BY AGE AND RACE OF MOTHER: UNITED STATES, 1991

(SOME OF THE REPORTING AREAS DO NOT INCLUDE ALL OF THE LISTED CONDITIONS ON THE BIRTH CERTIFICATE; SEE TECHNICAL APPENDIX, TABLE A)

ABNORMAL CONDITION AND RACE OF MOTHER	ALL BIRTHS <sup>1/</sup>	ABNORMAL CONDITION REPORTED							ABNORMAL CONDITION 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		
<b>ALL RACES <sup>2/</sup></b>										
ANEMIA.....	4,110,907	4,866	757	1,391	1,338	959	357	64	3,911,043	194,998
BIRTH INJURY.....	3,680,939	7,192	870	1,983	2,190	1,508	563	78	3,538,532	135,215
FETAL ALCOHOL SYNDROME.....	3,879,992	517	53	121	164	124	43	12	3,688,213	191,262
HYALINE MEMBRANE DISEASE/RDS.....	4,110,907	23,916	3,927	6,582	6,573	4,584	1,922	328	3,891,993	194,998
MECONIUM ASPIRATION SYNDROME.....	3,952,063	11,051	1,532	2,886	3,205	2,279	956	193	3,750,893	190,119
ASSISTED VENTILATION LESS THAN 30 MIN..	3,818,274	51,113	7,386	14,095	14,643	10,313	3,993	683	3,578,482	188,679
ASSISTED VENTILATION 30 MIN. OR LONGER.	3,818,274	27,143	4,446	7,232	7,361	5,342	2,344	418	3,602,452	188,679
SEIZURES.....	4,110,907	3,108	424	840	914	642	245	43	3,912,801	194,998
<b>WHITE</b>										
ANEMIA.....	3,241,273	3,515	444	942	1,019	780	284	46	3,081,793	155,965
BIRTH INJURY.....	2,876,019	6,233	675	1,692	1,960	1,351	486	69	2,764,990	104,796
FETAL ALCOHOL SYNDROME.....	3,040,519	316	34	83	99	70	23	7	2,887,180	153,023
HYALINE MEMBRANE DISEASE/RDS.....	3,241,273	18,902	2,704	5,059	5,468	3,805	1,606	260	3,066,406	155,965
MECONIUM ASPIRATION SYNDROME.....	3,102,783	8,113	988	2,040	2,456	1,764	719	146	2,942,750	151,920
ASSISTED VENTILATION LESS THAN 30 MIN..	3,024,566	40,946	5,189	11,048	12,192	8,626	3,347	544	2,831,809	151,811
ASSISTED VENTILATION 30 MIN. OR LONGER.	3,024,566	20,544	2,973	5,251	5,859	4,252	1,893	316	2,852,211	151,811
SEIZURES.....	3,241,273	2,312	260	576	733	517	191	35	3,082,996	155,965
<b>BLACK</b>										
ANEMIA.....	682,602	1,165	293	387	272	146	55	12	649,411	32,026
BIRTH INJURY.....	629,490	677	163	218	153	93	47	3	604,031	24,782
FETAL ALCOHOL SYNDROME.....	658,481	152	17	30	46	41	15	3	627,021	31,308
HYALINE MEMBRANE DISEASE/RDS.....	682,602	4,446	1,130	1,387	967	653	256	53	646,130	32,026
MECONIUM ASPIRATION SYNDROME.....	665,705	2,395	490	733	587	395	159	31	632,032	31,278
ASSISTED VENTILATION LESS THAN 30 MIN..	620,440	8,060	1,926	2,538	1,868	1,209	434	85	582,505	29,875
ASSISTED VENTILATION 30 MIN. OR LONGER.	620,440	5,651	1,339	1,749	1,272	875	344	72	584,914	29,875
SEIZURES.....	682,602	691	151	239	155	94	46	6	649,885	32,026

<sup>1/</sup> TOTAL NUMBER OF BIRTHS TO RESIDENTS OF AREAS REPORTING SPECIFIED CONDITION.

<sup>2/</sup> INCLUDES RACES OTHER THAN WHITE AND BLACK.

NATALITY DOCUMENTATION TABLE 25.

LIVE BIRTHS WITH SELECTED ABNORMAL CONDITIONS OF THE NEWBORN BY AGE AND RACE OF MOTHER: UNITED STATES, 1991

(SOME OF THE REPORTING AREAS DO NOT INCLUDE ALL OF THE LISTED CONDITIONS ON THE BIRTH CERTIFICATE; SEE TECHNICAL APPENDIX, TABLE A)

ABNORMAL CONDITION AND RACE OF MOTHER	ALL BIRTHS <u>1/</u>	ABNORMAL CONDITION REPORTED							ABNORMAL CONDITION 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		
<b>ALL RACES <u>2/</u></b>										
ANEMIA.....	4,110,907	4,866	757	1,391	1,338	959	357	64	3,911,043	194,998
BIRTH INJURY.....	3,680,939	7,192	870	1,983	2,190	1,508	563	78	3,538,532	135,215
FETAL ALCOHOL SYNDROME.....	3,879,992	517	53	121	164	124	43	12	3,688,213	191,262
HYALINE MEMBRANE DISEASE/RDS.....	4,110,907	23,916	3,927	6,582	6,573	4,584	1,922	328	3,891,993	194,998
MECONIUM ASPIRATION SYNDROME.....	3,952,063	11,051	1,532	2,886	3,205	2,279	956	193	3,750,893	190,119
ASSISTED VENTILATION LESS THAN 30 MIN..	3,818,274	51,113	7,386	14,095	14,643	10,313	3,993	683	3,578,482	188,679
ASSISTED VENTILATION 30 MIN. OR LONGER.	3,818,274	27,143	4,446	7,232	7,361	5,342	2,344	418	3,602,452	188,679
SEIZURES.....	4,110,907	3,108	424	840	914	642	245	43	3,912,801	194,998
<b>WHITE</b>										
ANEMIA.....	3,241,273	3,515	444	942	1,019	780	284	46	3,081,793	155,965
BIRTH INJURY.....	2,876,019	6,233	675	1,692	1,960	1,351	486	69	2,764,990	104,796
FETAL ALCOHOL SYNDROME.....	3,040,519	316	34	83	99	70	23	7	2,887,180	153,023
HYALINE MEMBRANE DISEASE/RDS.....	3,241,273	18,902	2,704	5,059	5,468	3,805	1,606	260	3,066,406	155,965
MECONIUM ASPIRATION SYNDROME.....	3,102,783	8,113	988	2,040	2,456	1,764	719	146	2,942,750	151,920
ASSISTED VENTILATION LESS THAN 30 MIN..	3,024,566	40,946	5,189	11,048	12,192	8,626	3,347	544	2,831,809	151,811
ASSISTED VENTILATION 30 MIN. OR LONGER.	3,024,566	20,544	2,973	5,251	5,859	4,252	1,893	316	2,852,211	151,811
SEIZURES.....	3,241,273	2,312	260	576	733	517	191	35	3,082,996	155,965
<b>BLACK</b>										
ANEMIA.....	682,602	1,165	293	387	272	146	55	12	649,411	32,026
BIRTH INJURY.....	629,490	677	163	218	153	93	47	3	604,031	24,782
FETAL ALCOHOL SYNDROME.....	658,481	152	17	30	46	41	15	3	627,021	31,308
HYALINE MEMBRANE DISEASE/RDS.....	682,602	4,446	1,130	1,387	967	653	256	53	646,130	32,026



NATALITY DOCUMENTATION TABLE 25.

LIVE BIRTHS WITH SELECTED ABNORMAL CONDITIONS OF THE NEWBORN BY AGE AND RACE OF MOTHER: UNITED STATES, 1991-Continued

(SOME OF THE REPORTING AREAS DO NOT INCLUDE ALL OF THE LISTED CONDITIONS ON THE BIRTH CERTIFICATE; SEE TECHNICAL APPENDIX, TABLE A)

ABNORMAL CONDITION AND RACE OF MOTHER	ALL BIRTHS <sup>1/</sup>	ABNORMAL CONDITION REPORTED							ABNORMAL CONDITION 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		
BLACK										
MECONIUM ASPIRATION SYNDROME.....	665,705	2,395	490	733	587	395	159	31	632,032	31,278
ASSISTED VENTILATION LESS THAN 30 MIN..	620,440	8,060	1,926	2,538	1,868	1,209	434	85	582,505	29,875
ASSISTED VENTILATION 30 MIN. OR LONGER.	620,440	5,651	1,339	1,749	1,272	875	344	72	584,914	29,875
SEIZURES.....	682,602	691	151	239	155	94	46	6	649,885	32,026

<sup>1/</sup> TOTAL NUMBER OF BIRTHS TO RESIDENTS OF AREAS REPORTING SPECIFIED CONDITION.

<sup>2/</sup> INCLUDES RACES OTHER THAN WHITE AND BLACK.

NATALITY DOCUMENTATION TABLE 26.  
LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES BY AGE AND RACE OF MOTHER: TOTAL OF 48 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1991

CONGENITAL ANOMALY AND RACE OF MOTHER	ALL BIRTHS <sup>1/</sup>	CONGENITAL ANOMALY REPORTED							CONGENITAL ANOMALY 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 <sup>2/</sup>										
ANENCEPHALUS.....	3,790,474	665	104	184	200	128	42	7	3,608,239	181,570
SPINA BIFIDA/MENINGOCELE.....	3,790,474	901	150	255	236	177	65	18	3,608,003	181,570
HYDROCEPHALUS.....	3,790,474	973	158	267	268	172	91	17	3,607,931	181,570
MICROCEPHALUS.....	3,790,474	311	54	93	79	49	23	13	3,608,593	181,570
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES.....	3,790,474	859	113	231	231	190	77	17	3,608,045	181,570
HEART MALFORMATIONS.....	3,790,474	4,533	559	1,193	1,261	999	420	101	3,604,371	181,570
OTHER CIRCULATORY/RESPIRATORY ANOMALIES.....	3,790,474	4,765	663	1,261	1,360	990	403	88	3,604,139	181,570
RECTAL ATRESIA/STENOSIS.....	3,790,474	360	53	90	109	79	24	5	3,608,544	181,570
TRACHEO-ESOPHAGEAL FISTULA/ ESOPHAGEAL ATRESIA.....	3,790,474	561	77	137	154	132	52	9	3,608,343	181,570
OMPHALOCELE/GASTROSCHISIS.....	3,790,474	872	195	305	184	112	60	16	3,608,032	181,570
OTHER GASTROINTESTINAL ANOMALIES.....	3,790,474	1,078	149	302	289	229	86	23	3,607,826	181,570
MALFORMED GENITALIA.....	3,790,474	2,814	363	734	803	647	224	43	3,606,090	181,570
RENAL AGENESIS.....	3,790,474	334	46	95	88	85	19	1	3,608,570	181,570
OTHER UROGENITAL ANOMALIES.....	3,790,474	4,243	517	1,080	1,323	936	340	47	3,604,661	181,570
CLEFT LIP/PALATE.....	3,790,474	3,140	414	836	929	644	260	57	3,605,764	181,570
POLYDACTYLY/SYNDACTYLY/ADACTYLY.....	3,790,474	3,123	560	917	848	541	213	44	3,605,781	181,570
CLUB FOOT.....	3,790,474	2,084	292	564	609	432	164	23	3,606,820	181,570
DIAPHRAGMATIC HERNIA.....	3,790,474	427	60	111	126	99	27	4	3,608,477	181,570
OTHER MUSCULOSKELETAL/ INTEGUMENTAL ANOMALIES.....	3,790,474	7,076	953	1,838	2,050	1,533	607	95	3,601,828	181,570
DOWN'S SYNDROME.....	3,790,474	1,788	142	298	395	434	348	171	3,607,116	181,570
OTHER CHROMOSOMAL ANOMALIES.....	3,790,474	1,734	219	468	441	347	200	59	3,607,170	181,570

NATALITY DOCUMENTATION TABLE 26.  
LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES BY AGE AND RACE OF MOTHER: TOTAL OF 48 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1991-Continued

CONGENITAL ANOMALY AND RACE OF MOTHER	ALL BIRTHS <sup>1/</sup>	CONGENITAL ANOMALY REPORTED							CONGENITAL ANOMALY 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		
WHITE										
ANENCEPHALUS.....	3,001,528	565	84	156	170	115	36	4	2,855,604	145,359
SPINA BIFIDA/MENINGOCELE.....	3,001,528	775	121	222	211	149	57	15	2,855,394	145,359
HYDROCEPHALUS.....	3,001,528	813	122	219	237	149	73	13	2,855,356	145,359
MICROCEPHALUS.....	3,001,528	240	36	77	63	35	18	11	2,855,929	145,359
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES.....	3,001,528	678	78	183	187	154	60	16	2,855,491	145,359
HEART MALFORMATIONS.....	3,001,528	3,648	380	918	1,037	860	363	90	2,852,521	145,359
OTHER CIRCULATORY/RESPIRATORY ANOMALIES.....	3,001,528	3,861	492	1,005	1,137	824	334	69	2,852,308	145,359
RECTAL ATRESIA/STENOSIS.....	3,001,528	297	40	75	93	66	21	2	2,855,872	145,359
TRACHEO-ESOPHAGEAL FISTULA/ ESOPHAGEAL ATRESIA.....	3,001,528	490	59	120	137	118	50	6	2,855,679	145,359
OMPHALOCELE/GASTROSCHISIS.....	3,001,528	687	157	239	143	85	49	14	2,855,482	145,359
OTHER GASTROINTESTINAL ANOMALIES.....	3,001,528	865	103	240	233	195	75	19	2,855,304	145,359
MALFORMED GENITALIA.....	3,001,528	2,387	266	615	704	583	184	35	2,853,782	145,359
RENAL AGENESIS.....	3,001,528	273	32	80	73	72	15	1	2,855,896	145,359
OTHER UROGENITAL ANOMALIES.....	3,001,528	3,703	395	907	1,192	865	305	39	2,852,466	145,359
CLEFT LIP/PALATE.....	3,001,528	2,717	337	723	823	562	221	51	2,853,452	145,359
POLYDACTYLY/SYNDACTYLY/ADACTYLY.....	3,001,528	1,712	227	460	502	353	139	31	2,854,457	145,359
CLUB FOOT.....	3,001,528	1,833	232	482	562	391	145	21	2,854,336	145,359
DIAPHRAGMATIC HERNIA.....	3,001,528	361	40	92	112	90	23	4	2,855,808	145,359
OTHER MUSCULOSKELETAL/ INTEGUMENTAL ANOMALIES.....	3,001,528	5,742	668	1,436	1,745	1,301	515	77	2,850,427	145,359
DOWN'S SYNDROME.....	3,001,528	1,576	113	252	352	400	307	152	2,854,593	145,359
OTHER CHROMOSOMAL ANOMALIES.....	3,001,528	1,347	141	350	354	287	165	50	2,854,822	145,359

NATALITY DOCUMENTATION TABLE 26.  
LIVE BIRTHS WITH SELECTED CONGENITAL ANOMALIES BY AGE AND RACE OF MOTHER: TOTAL OF 48 REPORTING STATES AND THE DISTRICT OF COLUMBIA, 1991-Continued

CONGENITAL ANOMALY AND RACE OF MOTHER	ALL BIRTHS <sup>1/</sup>	CONGENITAL ANOMALY REPORTED							CONGENITAL ANOMALY 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		
BLACK										
ANENCEPHALUS.....	619,865	73	16	23	21	9	2	2	590,198	29,594
SPINA BIFIDA/MENINGOCELE.....	619,865	107	26	28	22	24	4	3	590,164	29,594
HYDROCEPHALUS.....	619,865	135	33	42	25	18	13	4	590,136	29,594
MICROCEPHALUS.....	619,865	55	17	14	9	9	4	2	590,216	29,594
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES.....	619,865	138	28	39	38	26	6	1	590,133	29,594
HEART MALFORMATIONS.....	619,865	726	166	234	174	102	44	6	589,545	29,594
OTHER CIRCULATORY/RESPIRATORY ANOMALIES.....	619,865	667	147	202	154	112	40	12	589,604	29,594
RECTAL ATRESIA/STENOSIS.....	619,865	46	11	11	13	8	2	1	590,225	29,594
TRACHEO-ESOPHAGEAL FISTULA/ ESOPHAGEAL ATRESIA.....	619,865	51	15	13	9	10	1	3	590,220	29,594
OMPHALOCELE/GASTROSCHISIS.....	619,865	158	33	58	35	22	9	1	590,113	29,594
OTHER GASTROINTESTINAL ANOMALIES.....	619,865	178	41	55	47	27	5	3	590,093	29,594
MALFORMED GENITALIA.....	619,865	333	89	96	66	46	33	3	589,938	29,594
RENAL AGENESIS.....	619,865	48	13	13	12	7	3	-	590,223	29,594
OTHER UROGENITAL ANOMALIES.....	619,865	412	107	133	93	49	26	4	589,859	29,594
CLEFT LIP/PALATE.....	619,865	244	62	73	52	41	12	4	590,027	29,594
POLYDACTYLY/SYNDACTYLY/ADACTYLY.....	619,865	1,350	321	444	329	177	67	12	588,921	29,594
CLUB FOOT.....	619,865	205	54	69	40	29	13	-	590,066	29,594
DIAPHRAGMATIC HERNIA.....	619,865	48	18	16	9	3	2	-	590,223	29,594
OTHER MUSCULOSKELETAL/ INTEGUMENTAL ANOMALIES.....	619,865	992	237	325	225	148	52	5	589,279	29,594
DOWN'S SYNDROME.....	619,865	151	26	42	28	20	25	10	590,120	29,594
OTHER CHROMOSOMAL ANOMALIES.....	619,865	231	51	71	51	33	18	7	590,040	29,594

1/ TOTAL NUMBER OF BIRTHS TO RESIDENTS OF AREAS REPORTING SPECIFIED CONGENITAL ANOMALY.  
2/ INCLUDES RACES OTHER THAN WHITE AND BLACK.

1991 Addendum to "Technical Appendix" of Vital Statistics of the United States, 1990 - Volume I, Natality

COMPUTATION OF RATES AND OTHER MEASURES

**Population Bases**

Population estimates for 1991--The population of the United States by age, race, and sex is published in Current Population Reports, Series P-25, Number 1095; by Month in Number 1097; and by State is unpublished data furnished by the Bureau of the Census consistent with Number 1095.

SECTION 4 - TECHNICAL APPENDIX - PAGE 16

Table A. Percent of Birth Records on Which Specified Items Were Not Stated: United States and Each State, Puerto Rico, Virgin Islands, and Guam: 1991  
(Page 1 of 2)  
[By place of residence]

Area	Number of births	Place of birth	Attendant at birth	Mother's birth-place	Father's age	Father's race	Hispanic origin		Educational attainment		Live-birth order	Interval since last live birth	Length of gestation	Month prenatal care began	Number of prenatal visits
							Mother	Father	Mother	Father					
Total of reporting areas *	4,110,907	00	01	0.2	16.9	15.7	0.9	16.1	1.4	17.9	0.5	3.6	1.0	2.1	2.9
Alabama .....	62,810	00	0.0	0.0	32.5	32.5	0.0	32.5	0.2	32.7	00	0.3	0.1	0.4	0.6
Alaska .....	11,686	-	.6	.1	14.2	14.8	.1	14.7	1.3	17.0	.1	2.0	.1	.9	1.4
Arizona .....	68,109	.0	.0	.2	24.8	24.7	.1	24.8	1.6	26.0	.1	1.7	.2	1.0	1.9
Arkansas .....	35,479	-	.0	.3	19.2	18.9	.0	18.9	.6	19.7	.1	1.7	.6	3.0	4.9
California .....	610,077	.0	.1	.0	7.4	3.3	.5	3.4	.7	5.0	.1	.5	3.8	.9	1.8
Colorado .....	53,813	-	.0	.0	22.0	22.8	.1	21.9	1.7	23.9	.1	1.3	.1	1.0	1.7
Connecticut .....	48,566	.0	.0	.3	11.9	13.2	6.5	16.8	9.7	19.8	10.6	16.4	7.2	8.4	12.1
Delaware .....	11,190	.0	.0	.1	31.4	31.4	.1	30.2	.2	32.2	.1	1.2	.2	.4	.5
District of Columbia .....	11,776	.0	.0	.1	56.8	56.7	.9	56.6	3.0	56.1	.4	4.4	1.0	6.9	7.9
Florida .....	194,001	.2	.0	.2	19.6	19.7	.1	20.5	.5	21.6	.1	1.1	.2	1.2	2.8
Georgia .....	110,288	.0	.0	.1	19.3	19.1	.3	20.6	1.0	21.8	.3	2.4	.2	1.7	2.2
Hawaii .....	19,922	-	.0	.0	10.9	10.9	.0	10.7	.1	11.1	.0	.3	.7	7.7	6.6
Idaho .....	16,821	-	.1	.1	9.1	9.7	.2	9.4	2.8	12.8	.3	4.0	1.6	2.9	3.2
Illinois .....	194,231	0	.2	.1	16.5	9.6	.8	9.4	.6	15.1	.1	1.2	.1	.7	1.1
Indiana .....	85,707	.0	.5	.2	15.3	14.6	.2	14.5	.5	15.4	.2	1.9	.1	.6	1.4
Iowa .....	38,989	-	0	1	17.4	16.5	.1	19.6	.3	20.8	.1	.8	.1	.9	2.1
Kansas .....	37,839	-	.0	.1	10.9	11.0	.1	11.3	.3	11.9	.1	.7	.1	.2	.9
Kentucky .....	54,326	0	2	.1	23.8	24.2	1	24.3	.4	24.6	.1	1.0	.1	.6	1.0
Kentucky .....	72,193	-	.0	.0	30.2	30.2	.1	30.3	.2	30.5	.1	.4	.2	.7	1.2
Louisiana .....	16,753	.0	2	2	14.3	16.2	4.6	20.2	.6	16.3	.1	1.9	.3	9	1.7
Maryland .....	79,184	.1	1.6	.8	6.1	6.4	3.1	6.7	5.8	12.7	3.6	9.0	5.4	10.9	17.6
Massachusetts .....	88,205	.0	.0	.1	14.2	12.7	.7	13.1	.5	13.4	.3	.9	.1	.4	.3
Michigan .....	150,198	.0	.2	.1	27.1	28.3	4.0	31.6	.9	28.9	.3	2.5	.1	2.1	3.2
Minnesota .....	67,069	-	.0	.1	11.6	12.8	.4	15.6	4.0	17.8	7	1.5	1.6	5.6	6.1
Mississippi .....	43,204	.0	.0	2	31.1	30.7	0	31.6	.3	32.2	0	.4	.2	4	1.5
Missouri .....	78,677	-	.0	6	24.6	23.3	.1	23.6	1.2	24.2	.1	1.5	.2	1.5	2.7
Montana .....	11,513	-	.1	.0	11.4	11.6	3.8	15.1	.5	12.3	.0	2.0	.1	.7	.6
Nebraska .....	24,017	.0	.0	-	13.2	13.2	1.1	14.4	.1	13.5	.0	.2	.0	.2	.1
Nevada .....	22,026	-	.0	.5	22.5	22.6	.1	22.6	.9	23.7	.3	2.2	1	.8	.7
New Hampshire .....	16,341	.0	.0	-	10.0	10.1	..	..	.6	10.9	.1	2.3	3	2.4	..
New Jersey .....	121,406	.2	.2	.9	12.7	13.4	.3	11.9	6.2	19.3	2.1	7.1	.6	5.1	3.7
New Mexico .....	27,800	-	.0	.6	26.0	24.0	-	24.0	2.9	27.2	2	4.5	.1	2.5	3.1
New York .....	292,633	.0	.3	.4	19.9	19.6	3.3	22.6	4.7	29.0	1.3	20.6	.7	6.1	4.1
North Carolina .....	102,362	-	-	0	19.9	19.6	.0	19.7	.2	20.1	.1	.3	.1	.3	.3
North Dakota .....	8,887	-	-	.0	11.0	12.5	.8	13.2	1	12.6	.0	.3	.1	.7	.7
Ohio .....	165,795	.0	.0	.4	14.2	13.9	.1	13.6	.5	14.6	.1	3.0	.1	1.0	1.4
Oklahoma .....	47,795	.0	.0	.0	20.2	21.9	.1	21.8	1.2	23.0	3.2	5.2	3.3	5.0	7.1
Oregon .....	42,499	-	0	.0	17.1	10.0	.1	9.9	1.7	13.7	.0	1.2	.1	.2	.2
Pennsylvania .....	168,851	.0	0	.5	7.0	2.7	.2	2.3	1.3	6.4	.1	4.1	.1	1.5	1.4
Rhode Island .....	14,734	0	0	.4	14.5	14.6	4.6	18.4	1.2	15.8	.6	2.1	.7	3.1	3.5
South Carolina .....	57,572	0	.0	.2	32.2	32.1	1	31.1	1.5	33.2	0	.5	.2	.6	.6
South Dakota .....	10,946	-	-	.0	12.9	13.0	1	13.7	.3	14.0	0	4	.1	.4	4
Tennessee .....	74,510	-	.0	.0	21.2	21.1	.0	21.1	.2	21.5	.0	4	.2	1.7	1.3
Texas .....	317,746	0	1	2	18.5	17.8	1	17.8	1.2	19.4	1	2.1	.5	2.2	3.9
Utah .....	36,033	0	.0	.8	9.7	6.7	.1	7.6	1.1	10.3	.3	7.7	.5	2.1	2.2
Vermont .....	7,965	-	0	.6	5.8	5.7	11.7	15.4	2.4	8.1	2.0	7.0	.3	4.5	3.0
Virginia .....	97,370	0	.0	.2	25.5	24.1	.1	25.5	.5	26.0	.2	2.6	.2	.5	1.4
Washington .....	79,711	-	.5	.7	17.8	10.7	2.7	8.2	..	..	.1	7.3	1.4	4.7	6.7
West Virginia .....	22,508	-	.0	0	18.8	21.9	.0	21.9	.6	23.0	1	1.3	.2	2.9	3.6
Wisconsin .....	72,071	-	.0	0	16.8	23.7	.1	15.8	.1	23.9	0	.3	0	.1	2
Wyoming .....	6,703	.1	-	.3	12.9	13.2	.1	12.8	.3	13.4	.0	2.1	1	.6	1.1
Puerto Rico .....	64,373	.1	.2	.2	2.2	..	..	..	3	2.6	.0	.3	.1	.3	1
Virgin Islands .....	2,427	.1	7.4	4	23.3	28.5	3.3	31.6	1.9	26.7	.9	3.1	1.0	2.7	4.7
Guam .....	3,917	-	.3	1	20.0	21.4	.2	22.9	.6	22.7	.3	1.8	4	.7	.9

SECTION 4 - TECHNICAL APPENDIX - PAGE 17

Table A. Percent of Birth Records on Which Specified Items Were Not Stated: United States and Each State, Puerto Rico, Virgin Islands, and Guam: 1991—Con.  
(Page 2 of 2)  
(By place of residence)

Area	Birth weight	Apgar score		Medical risk factors	Tobacco use	Alcohol use	Weight gain	Obstetric procedures	Complications of labor and/or delivery	Method of delivery	Abnormal conditions of newborn	Congenital anomalies
		1-minute	5-minute									
Total of reporting areas <sup>1</sup>	0.1	0.9	0.9	4.1	3.8	4.0	13.3	2.7	3.6	2.6	4.7	4.8
Alabama	0.1	0.6	0.6	0.3	0.3	0.3	4.8	0.1	0.2	0.2	0.2	0.1
Alaska	.1	.7	.7	.1	.3	.4	7.1	.1	.1	.4	.1	.1
Arizona	.3	.6	.6	.1	.8	.9	9.5	.0	1.0	.3	.0	.6
Arkansas	.1	2.8	2.8	.3	.3	.4	9.8	.1	.2	.4	.3	.4
California	.0	...	...	.1	...	...	...	.1	.1	.1	2.0	.1
Colorado	.0	.6	.6	.1	1.4	1.5	9.3	.4	.1	.3	.3	.5
Connecticut	.1	6.4	6.4	24.1	23.9	25.8	45.6	22.3	24.0	16.1	30.0	32.3
Delaware	.1	.7	.6	1.8	.6	.8	2.7	1.3	1.9	.7	1.5	1.4
District of Columbia	.4	2.6	2.6	3.6	2.2	2.2	12.4	2.7	3.5	1.2	4.9	5.0
Florida	.1	.4	.4	.3	.2	.2	4.9	.5	.3	.3	.4	.4
Georgia	.1	.4	.4	1.7	.9	1.1	21.9	.1	.0	.5	.0	.0
Hawaii	.1	.7	.7	.1	1.1	1.4	15.0	.1	.0	.1	.1	.1
Idaho	.1	.6	.5	3.1	.3	1.0	11.1	3.0	3.1	.2	5.4	5.3
Illinois	.0	.4	.4	2.2	1.9	1.5	9.0	2.1	2.4	1.7	2.7	2.7
Indiana	.0	.8	.8	1.4	...	.5	3.1	.2	.3	.4	.3	.3
Iowa	.0	.3	.3	.1	.5	.6	4.5	.0	.1	.2	.1	.0
Kansas	.0	.2	.2	.4	.2	.2	.4	.2	.3	1.6	.4	.4
Kentucky	.2	.4	.4	5.7	4.0	4.0	12.2	3.6	5.8	4.1	5.5	5.2
Louisiana	.1	.6	.6	.2	.6	1.0	6.6	.2	.3	.2	.3	.3
Maine	.4	.7	.7	.8	.5	.7	6.3	.5	.7	.7	.6	.4
Maryland	.2	3.3	3.3	36.4	27.3	28.1	40.2	31.6	36.3	16.9	42.8	43.9
Massachusetts	.1	.2	.2	.3	.9	.7	.7	.3	.3	.3	.6	.7
Michigan	.2	.5	.5	4.5	3.8	3.7	11.5	.5	4.4	.7	6.3	6.7
Minnesota	.1	.9	.9	5.4	5.9	6.5	29.6	3.0	4.3	3.0	10.2	9.4
Mississippi	.1	.6	.6	.2	.3	.3	5.4	.1	.1	.1	.1	.1
Missouri	.1	.6	.5	.1	.4	.4	4.0	.1	.1	.3	.1	.1
Montana	.0	.9	.3	.1	.8	.9	1.8	.1	.0	.3	.1	.1
Nebraska	.1	.3	.3	.1	1.0	1.0	.7	.0	.1	.2	.0	.1
Nevada	.1	1.8	1.8	.3	1.5	1.9	6.8	.2	.2	.4	.3	.3
New Hampshire	.2	.3	.3	.0	.2	.2	3.2	.0	.0	.3	.2	.2
New Jersey	.1	.4	.4	1.3	4.6	4.7	14.9	.4	.2	.2	.3	2.7
New Mexico	.1	3.7	4.0	.9	.5	.5	6.6	.3	.3	.5	.4	.4
New York	.3	1.2	1.2	4.3	...	...	23.3	2.8	10.0	1.7	3.7	...
North Carolina	.1	.7	.6	.1	.3	.5	2.8	.1	.1	.4	.1	.1
North Dakota	.0	.3	.3	.7	.9	1.2	2.0	.2	.6	.4	.6	.5
Ohio	.1	.5	.5	.2	.8	.8	4.7	.2	.3	.4	.3	.3
Oklahoma	.5	5.9	6.0	19.3	13.4	13.9	25.5	17.4	18.6	13.0	23.7	24.1
Oregon	.0	.6	.6	.7	.7	.8	3.1	.1	.0	.2	.1	.1
Pennsylvania	.1	.4	.4	.3	.9	1.0	4.7	.2	.2	.2	.6	1.0
Rhode Island	1.0	1.0	1.0	8.8	1.9	2.1	6.7	8.3	7.9	7.0	15.4	15.7
South Carolina	.0	.3	.4	.1	.2	.2	2.5	.0	.1	.3	.1	.1
South Dakota	.1	.4	.4	.4	...	...	2.8	.4	.4	.5	2.3	2.4
Tennessee	.1	.4	.4	.1	.1	.1	13.6	.1	.1	.2	.0	.0
Texas	.2	...	...	21.4	11.8	12.9	33.4	11.3	17.0	15.1	20.6	21.4
Utah	.2	.5	.4	.4	.2	.3	2.1	.1	.3	.3	.8	1.0
Vermont	.4	.5	.5	1.0	1.9	3.7	1.7	.9	.9	.2	1.1	1.4
Virginia	.2	.7	.7	.4	1.0	1.0	9.7	.3	.4	.4	.5	.5
Washington	.2	.4	.4	10.6	11.1	14.8	22.0	9.7	10.6	9.0	14.2	14.9
West Virginia	.1	.3	.3	.6	1.6	2.3	18.7	.5	.6	.3	1.1	.8
Wisconsin	.0	.4	.4	.1	.2	.2	1.2	.1	.1	.1	1.4	.4
Wyoming	.0	.5	.5	.2	1.0	1.1	2.2	.2	.1	.1	.1	.1
Puerto Rico	.0	.4	.4	.1	.0	.0	.9	.1	.2	.0	.2	.2
Virgin Islands	.4	3.1	2.9	43.9	40.0	40.9	58.1	41.1	43.1	12.8	45.9	58.5
Guam	.3	1.8	1.6	1.0	1.2	1.3	9.5	1.2	1.1	.8	1.2	1.3

<sup>1</sup> Excludes data for Puerto Rico, Virgin Islands, and Guam.  
<sup>2</sup> California and Puerto Rico report date last normal menses began but do not report clinical estimate of gestation.  
<sup>3</sup> Educational attainment is reported by New York city only.  
<sup>4</sup> Kansas does not report Rh sensitization.  
<sup>5</sup> New York city (but not New York State) reports these factors: genital herpes, hydramnios/oligohydramnios, hemoglobinopathy, incompetent cervix, previous infant 4000+ grams, and previous preterm or small-for-gestational-age infant.  
<sup>6</sup> Texas does not report genital herpes and uterine bleeding.  
<sup>7</sup> Arizona does not report cord prolapse.  
<sup>8</sup> Illinois does not report ultrasound.  
<sup>9</sup> Massachusetts, Nebraska, and Texas do not report birth injury.  
<sup>10</sup> Cephalopelvic disproportion is reported by New York city only.  
<sup>11</sup> New York State and New York city do not report assisted ventilation less than 30 minutes and assisted ventilation of 30 minutes or more. New York city (but not New York State) reports fetal alcohol syndrome and meconium aspiration syndrome.  
<sup>12</sup> Texas does not report cephalopelvic disproportion, anesthetic complications, and fetal distress.  
<sup>13</sup> Wisconsin does not report fetal alcohol syndrome.

## Section 4 \_\_\_\_\_ TECHNICAL APPENDIX

### DEFINITION OF LIVE BIRTH

Every product of conception that gives a sign of life after birth, regardless of the length of the pregnancy, is considered a live birth. This concept is included in the definition set forth by the World Health Organization (1):

Live birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached; each product of such a birth is considered liveborn.

This definition distinguishes in precise terms a live birth from a fetal death (see section on fetal deaths in the Technical Appendix of volume II of this report). In the interest of comparable natality statistics, both the Statistical Commission of the United Nations and the National Center for Health Statistics (NCHS) have adopted this definition (2,3).

### HISTORY OF BIRTH-REGISTRATION AREA

The national birth-registration area was proposed in 1850 and established in 1915. By 1933 all 48 States and the District of Columbia were participating in the registration system. The organized territories of Hawaii and Alaska were admitted in 1929 and 1950, respectively; data from these areas were prepared separately until they became States--Alaska in 1959 and Hawaii in 1960. At present the birth-registration system of the United States covers the 50 States, the District of Columbia, the independent registration area of New York City, Puerto Rico, the U.S. Virgin Islands, Guam, American Samoa, and the Trust Territory of the Pacific Islands. However, in the statistical tabulations, "United States" refers only to the aggregate of the 50 States (including New York City) and the District of Columbia. Tabulations for Puerto Rico, the Virgin Islands, and Guam are shown separately in section 3 of this volume.



The original birth-registration area of 1915 consisted of 10 States and the District of Columbia. The growth of this area is indicated in table 4-1. This table also presents for each year through 1932 the estimated midyear population of the United States and of those States included in the registration system.

Because of the growth of the area for which data have been collected and tabulated, a national series of geographically comparable data before 1933 can be obtained only by estimation. Annual estimates of births have been prepared by P.K. Whelpton for the period 1909-34 (4) (table 1-1). These estimates include adjustments both for underregistration and for States that were not part of the birth-registration area before 1933.

#### SOURCES OF DATA

##### Natality statistics

Since 1985 natality statistics for all States and the District of Columbia have been based on information from the total file of records. The information is received on computer data tapes coded by the States and provided to NCHS through the Vital Statistics Cooperative Program. NCHS receives these tapes from the registration offices of all States, the District of Columbia, and New York City. Information for Puerto Rico is also received on computer tapes through the Vital Statistics Cooperative Program. Information for the Virgin Islands and Guam is obtained from microfilm copies of original birth certificates, and is based on the total file of records for all years.

Birth statistics presented in this report for years before 1951 and for 1955 are based on the total file of birth records. Statistics for 1951-54, 1956-66, and 1968-71 are based on 50-percent samples with the exception of data for Guam and the Virgin Islands, which are based on all records filed. During the processing of the 1967 data the sampling rate was reduced from 50 percent to 20 percent. For details of this procedure and its consequences for the 1967 data see Vital Statistics of the United States, 1967, Volume I, pages 3-9 to 3-11. From 1972 to 1984, statistics are based on all records filed in the States submitting computer tapes and on a 50-percent sample of records in all other States.

Information for years prior to 1970 for Puerto Rico, the Virgin Islands, and Guam is published in the annual vital statistics reports of the Department of Health of the Commonwealth of Puerto Rico, the Department of Public Health of the Virgin Islands, the Department of Public Health and Social Services of the Government of Guam, and in selected Vital Statistics of the United States annual reports.

U.S. natality data are limited to births occurring within the United States, including those occurring to U.S. residents and nonresidents. Births to nonresidents of the United States have been excluded from all tabulations by place of residence beginning in 1970. (See "Classification by occurrence and residence" for further discussion.) Births occurring to U.S. citizens outside the United States are not included in any tabulations in this report. Similarly the data for Puerto Rico, the Virgin Islands, and Guam are limited to births registered in these areas.

#### Standard Certificate of Live Birth

The U.S. Standard Certificate of Live Birth, issued by the Public Health Service, has served for many years as the principal means of attaining uniformity in the content of the documents used to collect information on births in the United States. It has been modified in each State to the extent required by the particular State's needs or by special provisions of the State's vital statistics law. However, most State certificates conform closely in content to the standard certificate.

The first standard certificate of birth was developed 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 the fields of public health, social welfare, demography, and insurance. This procedure has assured careful evaluation of each item for its current and future usefulness for legal, medical, 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, dropped when their usefulness appeared to be limited.

1989 revision--Effective January 1, 1989, a revised U.S. Standard Certificate of Live Birth (figure 4-A) replaced the 1978 revision. This revision provides a wide variety of new information on maternal and infant health characteristics, representing a significant departure from previous versions in both content and format. The most significant format change is the use of checkboxes to obtain detailed medical and health information about the mother and child. It has been demonstrated that this format produces higher quality and more complete information than do open-ended items.

The reformatted items include "Medical Risk Factors for This Pregnancy," which combines the former items, "Complications of Pregnancy," and "Concurrent Illnesses or Conditions Affecting the Pregnancy." "Complications of Labor and/or Delivery" and

"Congenital Anomalies of Child" also have been revised from the open-ended format. For each of these items, at least 15 specific conditions have been identified.

Several new items have been added to the revised certificate. Included are items to obtain information on tobacco and alcohol use during pregnancy, weight gain during pregnancy, obstetric procedures, method of delivery, and abnormal conditions of the newborn. These items can be used to monitor the health practices of the mother that can affect pregnancy, increased use of technology in child birth, and to identify babies with specific abnormal conditions. When combined with other socioeconomic and health data, these new items will provide a wealth of information relevant to the etiology of low birth weight and other adverse pregnancy outcomes.

Another modification is the addition of an Hispanic identifier for the mother and father. Although NCHS had recommended that States add items to identify the Hispanic or ethnic origin of the newborn's parents concurrent with the 1978 revision of the U.S. Standard Certificate of Live Birth, and reported data from the cooperating States since that year, the item is new to the U.S. Standard Certificate for 1989.

The revised certificate will also provide more detail than previously requested on the birth attendant and place of birth. This will permit a more in-depth analysis of the number and characteristics of births by attendant and type of facility and a comparison of differences in outcome. For further discussion, see individual sections for each item.

#### CLASSIFICATION OF DATA

One of the principal values of vital statistics data is realized through the presentation of rates that are computed by relating the vital events of a class to the population of a similarly defined class. Vital statistics and population statistics, therefore, must be classified according to similarly defined systems and tabulated in comparable groups. Even when the variables common to both, such as geographic area, age, race, and sex, 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 to classify geographic and personal items for live births are set forth in "Vital Statistics Classification and Coding Instructions for Live Birth Records, 1990," NCHS Instruction Manual, Part 3a. The classification of certain important items is discussed in the following pages.

#### Classification by occurrence and residence

All but three tabulations for States and other areas within the United States are by place of mother's residence. These three tabulations (1-26, 1-27, and 2-1) show births by place of occurrence. Births to U.S. residents occurring outside this country are not reallocated to the United States. In tabulations by place of residence, births occurring within the United States to U.S. citizens and to resident aliens are allocated to the usual place of residence of the mother in the United States as reported on the birth certificate. Beginning in 1970, births to nonresidents of the United States occurring in the United States are excluded from these tabulations. From 1966 to 1969, births occurring in the United States to mothers who were nonresidents of the United States were considered as births to residents of the exact place of occurrence; in 1964 and 1965 all such births were allocated to "balance of county" of occurrence even if the birth had occurred in a city. The change in coding beginning in 1970 to exclude births to nonresidents of the United States from residence data significantly affects the comparability of data with years before 1970 only for Texas.

For the total United States the tabulations by place of residence and by place of occurrence are not identical. Births to nonresidents of the United States are included in data by place of occurrence but excluded from data by place of residence, as previously indicated.

Residence error--A nationwide test of birth-registration completeness in 1950 provided measures of residence error for natality statistics. According to this test, errors in residence reporting for the country as a whole tend to overstate the number of births to residents of urban areas and to understate the number of births to residents of other areas. This tendency has assumed special importance because of a concomitant development--the increased utilization of hospitals in cities by residents of nearby places--with the result that a number of births are erroneously reported as having occurred to residents of urban areas. Another factor that contributes to this overstatement of urban births is the customary procedure of using "city" addresses for persons living outside the city limits.

Incomplete residence--Beginning in 1973 where only the State of residence is reported with no city or county specified and the State named is different from the State of occurrence, the birth

is allocated to the largest city of the State of residence. Before 1973 such births were allocated to the exact place of occurrence.

#### Geographic classification

The rules followed in the classification of geographic areas for live births are contained in the instruction manual mentioned previously. The geographic code structure for 1990 is given in another manual, "Vital Records Geographic Classification, 1982," NCHS Instruction Manual, Part 8.

United States--In the statistical tabulations, "United States" refers only to the aggregate of the 50 States and the District of Columbia. Alaska has been included in the U.S. tabulations since 1959 and Hawaii since 1960.

Metropolitan statistical areas--The metropolitan statistical areas and primary metropolitan statistical areas (MSA's and PMSA's) used in this report 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 (5) except in the New England States.

Except in the New England States, an MSA has either a city with a population of at least 50,000, or a Bureau of the Census urbanized area of at least 50,000 and a total MSA population of at least 100,000. A PMSA consists of a large urbanized county, or cluster of counties, that demonstrate very strong internal economic and social links, and has a population over 1 million. When PMSA's are defined, the large area of which they are component parts is designated a Consolidated Metropolitan Statistical Area (CMSA) (6).

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. NCHS cannot, however, use this classification for these States because its data are not coded to identify all towns. Instead, the New England County Metropolitan Areas (NECMA's) are used. These areas are established by the U.S. Office of Management and Budget (7) and are made up of county units.

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

Population-size groups--Beginning in 1982 vital statistics data for cities and certain other urban places have been 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." Classification of areas for the years 1970-81 was determined by the population enumerated in the 1970 Census of Population. As a result of changes in the enumerated population between 1970 and 1980, some urban places identified in previous reports are no longer included, and a number of other urban places have been added.

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

- o 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.
- o 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.)
- o Each place in Hawaii with 10,000 or more population. (There are no incorporated cities in Hawaii).

#### Race or national origin

Beginning with the 1989 data year, birth data are tabulated primarily by race of mother. In 1988 and prior years, the race or national origin shown in tabulations was that of the newborn child. The race of the child was determined for statistical purposes by an algorithm based on the race of the mother and father as reported on the birth certificate. When the parents were of the same race, the race of the child was the same as the race of the parents. When the parents were of different races and one parent was white, the child was assigned to the other parent's race. When the parents were of different races and neither parent was white, the child was assigned to the father's race, with one exception. If either parent was Hawaiian, the child was assigned to Hawaiian. If race was missing for one parent, the child was assigned the race of the parent for whom race was reported. When information on race was missing for both parents, the race of the child was considered not stated and the birth was allocated according to rules discussed in the Vital Statistics of the United States, 1988, volume I, sec. 4, page 4. In 1989 the criteria for reporting the race of the parents did not change and continues to reflect the response of the informant (usually the mother).

The most important factor influencing the decision to tabulate births by race of the mother is the decennial revision of the U.S. Standard Certificate of Live Birth in 1989. This revision includes many more health questions that are directly associated with the mother, including alcohol and tobacco use, weight gain during pregnancy, medical risk factors, obstetric procedures, complications of labor and/or delivery, and method of delivery. Additionally, many of the other items that have been on the birth certificate for more than two decades also relate directly to the mother, for example, her marital status, her education level, and her receipt of prenatal care. It is more appropriate to use the race of the mother than the race of the child in tabulating these items.

A second factor has been the increasing incidence of interracial parentage. In 1989, 3.4 percent of births were to parents of different races, compared with just 1.0 percent 20 years ago. The majority of these births were to white mothers and fathers of another race. There have been two major consequences of the increasing interracial parentage. One is the effect on birth rates by race. The number of white births under the former procedures has been arbitrarily limited to infants both of whose parents were white (or one parent if only one parent's race was reported). At the same time, the number of births of other races has been arbitrarily increased to include all births to white mothers and fathers of other races. Thus, if race of mother had been used, birth rates per 1,000 white women in a given age group would have been higher, while comparable rates for black women and women of other races would have been lower. The other consequence of increasing interracial parentage is its impact on the racial differential in various characteristics of births, particularly in cases where there is generally a large racial disparity, such as the incidence of low birth weight. In this instance, the racial differential is larger when the data are tabulated by race of mother than by race of child. The same effect has been noted for characteristics such as nonmarital childbearing, preterm births, late or no prenatal care, and low educational attainment of mother.

The third factor influencing the change is the growing proportion of births with race of father not stated, 15 percent in 1989 compared with 7 percent in 1968. This reflects the increase in the proportion of births to unmarried women; in many cases no information is reported on the father. These births are already assigned the race of the mother on a de facto basis. Tabulating births by the race of the mother will provide for a more uniform approach, rather than a necessarily arbitrary combination of parental races.

The difference in the number of births classified by race of mother rather than race of child varies among the specific groups, reflecting differences in the extent of mixed parentage.

With the new classification by race of mother, the number of births classified as white will go up and the number for all other racial groups will go down. The percent difference in the number of live births by race of mother compared with race of child for 1990 are as follows:

White.....	2.0
Black.....	- 5.6
American Indian.....	-20.3
Chinese.....	- 6.3
Japanese.....	-17.2
Hawaiian.....	-30.2
Filipino.....	- 5.5
Other Asian or Pacific Islander.....	- 7.6

This change in the tabulation of births by race presents some problems when analyzing birth data by race, particularly trend data. The problem is likely to be acute for races other than white and black. In order to facilitate continuity and analysis of the data, key published tables for births in this volume, including all trend tables, show 1989 and 1990 data for both race of mother and race of child. This makes it possible to distinguish the effects of this change from real changes in the data.

The categories for race or national origin are "White," "Black," "American Indian," "Chinese," "Japanese," "Hawaiian," "Filipino," "Other Asian or Pacific Islander," and "Other." Before 1978 the category "Other Asian or Pacific Islander" was not identified separately but included with "Other" races. The separation of this category allows identification of the category "Asian or Pacific Islander" by combining the new category "Other Asian or Pacific Islander" with Chinese, Japanese, Hawaiian, and Filipino.

White--The category "White" comprises births reported as white and births where race is reported as Hispanic. Before 1964, all births for which race or national origin was not stated were classified as white. Beginning in 1964, changes in the procedures for allocating race when race or national origin is not stated have changed the composition of this category. (See discussion on "Race or national origin not stated.")

All other--The category "All other" comprises black, American Indian, Chinese, Japanese, Hawaiian, and part-Hawaiian, Filipino, other Asian or Pacific Islander including Asian Indian, and "Other." Aleuts and Eskimos are included in "American Indian."

If the race or national origin of an Asian parent is ill-defined or not clearly identifiable with one of the categories used in the classification (for example, if "Oriental" is



entered), an attempt is made to determine the specific race or national origin from the entry for place of birth. If the birthplace is China, Japan, or the Philippines, the parent's race is assigned to that category. When race cannot be determined from birthplace, it is assigned to the category "Other Asian or Pacific Islander."

Race or national origin not stated--If the race of the mother is not defined or not identifiable with one of the categories used in the classification, and the father's race is known, the race of the father is assigned as the mother's race. Where information for both parents is missing, the race of the mother is allocated electronically according to the specific race of the mother on the preceding record with a known race of mother. Data for both parents were missing for only 0.3 percent of birth certificates for 1990.

Nearly all statistics by race or national origin for the United States as a whole in 1962 and 1963 are affected by a lack of information for New Jersey, which did not report parents' race in those years. Birth rates by race for those years are computed on a population base that excluded New Jersey. (For the method of estimating the U.S. population by age, sex, and race excluding New Jersey in 1962 and 1963, see Vital Statistics of the United States, 1963, volume I, page 4-8). Estimates of births to unmarried mothers by race for the United States, which include special estimates for New Jersey for 1962 and 1963, have been prepared and are shown in table 1-76.

#### Age of mother

Beginning in 1989 the birth certificate asks for "Date of Birth." In previous years, "Age (at time of this birth)" was requested. Not all States have revised this item for 1989 and therefore, the mother's age either is derived from the reported month and year of birth or coded as stated on the certificate. The age of mother is edited for upper and lower limits. When the mother's age is computed to be under 10 years or 50 years or over, the age of the mother is considered not stated and is assigned as described below.

Age-specific birth rates shown in this report are based on populations of women by age, which are prepared by the U.S. Bureau of the Census. In census years the decennial census counts are used. In intercensal years, estimates of the population of women by age are published by the U.S. Bureau of the Census in Current Population Reports.

The 1990 Census of Population derived age in completed years as of April 1, 1990, from the responses to questions on age at last birthday and month and year of birth, with the latter given preference. In the 1960, 1970, and the 1980 Census of Population,

age was also derived from month and year of birth. "Age in completed years" was asked in censuses before 1960. This was nearly the equivalent of the former birth certificate question, which the 1950 test of matched birth and census records confirms by showing a high degree of consistency in the reporting of age in these two sources (8).

Median age of mother--Median age is the value that divides an age distribution into two equal parts, one-half of the values being less and one-half being greater. Median ages of mothers for 1960 to the present have been computed from birth rates for 5-year age groups rather than from birth frequencies. This method eliminates the effects of changes in the age composition of the childbearing population over time. Changes in the median ages from year to year can thus be attributed solely to changes in the age-specific birth rates.

Not stated date of birth of mother--Beginning in 1964 birth records with date of birth of mother and/or age of mother not stated have had age imputed according to the age of mother from the previous birth record of the same race and total-birth order (total of fetal deaths and live births). (See "Vital Statistics Computer Edits for Natality Data," NCHS Instruction Manual, Part 12, page 9). In 1963, birth records with age not stated were allocated according to the age appearing on the record previously processed for a mother of identical race and parity (number of live births). For 1960-62, not stated ages were distributed in proportion to the known ages for each racial group. Before 1960 this was done for age-specific birth rates but not for the birth frequency tables, which showed a separate category for age not stated.

#### Age of father

Age of father is derived from the reported date of birth or coded as stated on the birth certificate. If the age is under 10 years, it is considered not stated and grouped with those cases for which age is not stated on the certificate. Information on father's age is often missing on birth certificates of children born to unmarried mothers, greatly inflating the number of "not stated" in all tabulations by age of father. In computing birth rates by age of father, births tabulated as age of father not stated are distributed in the same proportions as births with known age within each 5-year age classification of the mother. This procedure is done separately by race. The resulting distributions are summed to form a composite frequency distribution that is the basis for computing birth rates by age of father. This procedure avoids the distortion in rates that would result if the relationship between age of mother and age of father were disregarded.

### Live-birth order and parity

Live-birth order and parity classifications shown in this volume refer to the total number of live births the mother has had including the 1990 birth. Fetal deaths are excluded.

Live-birth order indicates what number the present birth represents; for example, a baby born to a mother who has had two previous live births (even if one or both are not now living) has a live-birth order of three. Parity indicates how many live births a mother has had. Before delivery a mother having her first baby has a parity of zero and a mother having her third baby has a parity of two. After delivery the mother of a baby who is a first live birth has a parity of one and the mother of a baby who is a third live birth has a parity of three.

Live-birth order and parity are determined from two items on the birth certificate, "Live births--now living" and "Live births--now dead."

Not stated birth order--Before 1969 if both of these items were blank, the birth was considered a first birth. Beginning in 1969, births for which the pregnancy history items were not completed have been tabulated as live-birth order not stated. As a result of this revised procedure, 22,686 births in 1969 that would have been assigned to the "First birth order" category under the old rules were assigned to the "Not stated" category.

All births tabulated in the "Not stated birth order" category are excluded from the computation of percents. In computing birth rates by live-birth order, births tabulated as birth order not stated are distributed in the same proportion as births of known live-birth order.

### Date of last live birth

The date of last live birth was added to the U.S. Standard Certificate of Live Birth in 1968 for the purpose of providing information on child spacing. The interval since the last live birth is the difference between the date of last live birth and the date of present birth. For an interval to be computed, both the month and year of the last live birth must be valid. This interval is computed only for events to mothers who have had at least one previous live birth.

Births for which the interval since last live birth is not stated are excluded from the computation of percents and means.

Zero interval--An interval of zero months since the last live birth indicates the second born of a set of twins, the second or third born of a set of triplets, and so forth. Births with an interval of zero months are excluded from the computation of mean intervals.

#### Educational attainment

Data on the educational attainment of both parents were collected beginning in 1968 and tabulated for publication in 1969 for the first time. In 1990 data on education were obtained from 48 States, New York City, and the District of Columbia as indicated in table A.

The educational attainment of either parent is defined as "the number of years of school completed." Only those years completed in "regular" schools, that is, a formal educational system of public schools or the equivalent in accredited private or parochial schools, are counted. Business or trade schools, such as beauty and barber schools, are not considered "regular" schools for the purposes of this item. No attempt has been made to convert years of school completed in foreign school systems, ungraded school systems, and so forth, to equivalent grades in the American school system. Such entries are included in the category "Not stated."

Persons who have completed only a partial year in high school or college are tabulated as having completed the highest preceding grade. For those certificates on which a specific degree is stated, years of school completed is coded to the level at which the degree is most commonly attained; for example, persons reporting B.A., A.B., or B.S. degrees are considered to have completed 16 years of school.

Education not stated--The category "Not stated" includes all records in reporting areas for which there is no information on years of school completed as well as all records for which the information provided is not compatible with coding specifications.

Births tabulated as education not stated are excluded from the computations of percents.

#### Marital status

Beginning with 1980 data, national estimates of births to unmarried women are derived from two sources. In 1990 marital status was reported directly on the birth certificates of 44 States and the District of Columbia. In the remaining six States, which lack such an item (California, Connecticut, Michigan, Nevada, New York, and Texas), marital status is inferred from a comparison of the child's and parents' surnames.

This procedure represents a substantial departure from the method used before 1980 to prepare national estimates of births to unmarried women, which assumed that the incidence of births to unmarried women in States with no direct question on marital status was the same as the incidence in reporting States in the same geographic division.

The current method uses related information on the birth certificate to improve the quality of national data on this topic, as well as to provide data for the individual nonreporting States. Beginning in 1980, a birth in a nonreporting State is classified as occurring to a married woman if the parents' surnames are the same or if the child's and father's surnames are the same and the mother's current surname cannot be obtained from the informant item of the birth certificate. A birth is classified as occurring to an unmarried woman if the father's name is missing, if the parents' surnames are different, or if the father's and child's surnames are different and the mother's current surname is missing.

Because of the continued substantial increases in nonmarital childbearing throughout the 1980's, the data have been intensively evaluated in each year, 1985-90. There has been continuing concern that the current method might overstate the number of births to unmarried women because it incorporates data based on a comparison of surnames. This is because births to women who have retained their maiden surname as their legal surname after marriage and who are frequently older, well-educated women, would be classified as nonmarital births. The evaluation included comparisons of trends in all measures of births to unmarried mothers in States with a marital status item on the birth certificate and those States providing inferential data based on the comparison of surnames. Comparisons were made for white and black births separately and by age of mother. The results for years 1985 through 1988 were remarkably similar for both data sets. Nonmarital births increased at virtually the same rate for white and black women and for the various age-of-mother groups. For 1989 however, the results of the evaluation were generally similar in both the reporting States and the States using inferential data, nonmarital births have increased at a slightly faster rate in the States with a marital status item on the birth certificate than in the States providing inferential data. This pattern was observed for both white and black births. In 1990 the results of this evaluation have been generally similar in both the reporting States and the States using inferential data, but births to unmarried women increased at a slightly faster rate in the States providing inferential data than in the States with a marital status item on the birth certificate. This was the case for births to unmarried white women, but births to unmarried black women increased slightly more in the reporting States than in the States providing inferential data.

No adjustments are made during the data processing for errors in the reporting of marital status on the birth records of the 44 reporting States and the District of Columbia because the extent of this reporting problem is unknown. When marital status is not stated on the birth certificate of a reporting area, the mother is considered married.

When births to unmarried women are reported as second or higher order births, it is not known whether the mother was married or unmarried when the previous deliveries occurred, because her marital status at the time of these earlier births is not available from the birth record.

Rates for 1940 and 1950 are based on decennial census counts. In this volume, rates for 1955-90 are based on a smoothed series of population estimates (9). Because of sampling error, the original U.S. Bureau of the Census population estimates fluctuate erratically from year to year; therefore, they have been smoothed so that the rates do not show similar variations. The rates shown in this volume differ from those published in issues of Vital Statistics of the United States before 1969, which were based on the original estimates provided annually by the U.S. Bureau of the Census. Birth rates by marital status for 1971-79 have been revised and differ from rates published before 1980 in issues of Vital Statistics of the United States (see "Computation of Rates and other Measures").

Due to a change in the procedures for reporting on fathers in cases of non-marital births in Texas, the number of births inferred to be non-marital was lower in 1990 than if there had been no change in the procedures.

#### Place of delivery and attendant at birth

The 1989 revision of the U.S. Standard Certificate of Live Birth includes separate categories for freestanding birthing centers, the mother's residence, and clinic or doctor's office as the place of birth. In previous years, place of birth was classified simply as either "In-hospital" or "Not in hospital." Births occurring in hospitals, institutions, clinics, centers, or homes were included in the category "In hospital." In this context, the word "homes" does not refer to the mother's residence but to an institution, such as a home for unmarried women. Birthing centers were included in either category, depending on each State's assessment of the facility. Beginning in 1989, births occurring in clinics and in birthing centers not attached to a hospital are classified as "Not in hospital." This change in classification may account in part for the lower proportion of "In hospital" births compared with previous years.

(The change in classification of clinics should have minor impact because comparatively few births occur in these facilities, but the effect of any change in classification of freestanding birthing centers is unknown).

Beginning in 1975, the attendant at birth and place of delivery items were coded independently, primarily to permit the identification of the person in attendance at hospital deliveries. Tables 1-87 and 1-88 present this more detailed information for the years 1975-90. The 1989 certificate includes separate classifications for "M.D." (Doctor of Medicine), "D.O." (Doctor of Osteopathy), "C.N.M." (certified nurse midwife), "Other midwife," and "Other" attendants. In earlier certificates, births attended by certified nurse midwives were grouped with those attended by lay midwives. The new certificate also facilitates the identification of home births, births in freestanding birthing centers, and births in clinics or physician offices.

Data shown in this volume for the "In hospital" category for the years 1975-88 include all births in clinics or maternity centers, regardless of the attendant. Data for 1975-77 published before 1980 included clinic and center births in the category "In hospital" only when the attendant was a physician. Data shown for 1975-77 in tables 1-87 and 1-88, therefore, differ from data published before 1980. As a result of this change, for 1975 an additional 12,352 births are now classified as occurring in hospitals, raising the percent of births occurring in hospitals from 98.7 to 99.1. Similarly, for 1976 the number of births occurring in hospitals increased by 14,133 and the percent in hospitals raised from 98.6 to 99.1; for 1977 the increase is 15,937 and the percent in hospitals raised from 98.5 to 99.0. For 1974 and earlier, the "In hospital" category includes all births in hospitals or institutions and births in clinics, centers, or maternity homes only when attended by physicians.

The "Not in hospital" category includes births for which no information is reported on place of birth. Before 1975 births for which the stated place of birth was a "doctor's office" and delivery was by a physician were included in the category "In hospital." Beginning in 1975, these births were tabulated as "Not in hospital" and included with births delivered by physicians in this category. Although the actual number of such births is unknown, the effect of the change is minimal. In 1974, 0.3 percent of all births were delivered by physicians outside of hospitals; in 1975 this proportion was 0.4 percent.

Babies born on the way to or on arrival at the hospital are classified as having been born in the hospital. This may account for some of the hospital births not delivered by physicians or midwives.

## Birth weight

Birth weight is reported in some areas in pounds and ounces rather than in grams. However, the metric system has been used in tabulating and presenting the statistics to facilitate comparison with data published by other groups.

The categories for birth weight were changed in 1979 to be consistent with the recommendations in the Ninth Revision of the International Classification of Disease (ICD-9). The revised categories in gram intervals and their equivalents in pounds and ounces are:

Less than 500 grams	=	1 lb	1 oz	or less
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

The ICD-9 defines low birth weight as less than 2,500 grams. This is a shift of 1 gram from the previous criterion of 2,500 grams or less, which was recommended by the American Academy of Pediatrics in 1935 and adopted in 1948 by the World Health Organization in the Sixth Revision of the International Lists of Diseases and Causes of Death.

After data classified by pounds and ounces are converted to grams, median weights are computed and rounded before publication. To establish the continuity of class intervals needed to convert pounds and ounces to grams, the end points of these intervals are assumed to be half an ounce less at the lower end and half an ounce more at the upper end. For example, 2 lb 4 oz-3 lb 4 oz is interpreted as 2 lb 3 1/2 oz-3 lb 4 1/2 oz.

Births for which birth weight is not reported are excluded from the computation of percents and medians.

## Period of gestation

The period of gestation is defined as beginning with the first day of the last normal menstrual period (LMP) and ending with the day of the birth. The LMP is used as the initial date as it can be more accurately determined than the date of conception, which usually occurs 2 weeks after the LMP.



Births occurring before 37 completed weeks of gestation are considered to be "preterm" or "premature" for purposes of classification. At 37-41 weeks gestation, births are considered to be "term," and at 42 completed weeks and over, "postterm." These distinctions are according to the ICD-9 definitions.

The 1989 revision of the U.S. Standard Certificate of Live Birth includes a new item, "clinical estimate of gestation," that is being compared with length of gestation computed from the LMP date when the latter appears to be inconsistent with birth weight. This is done for normal weight births of apparently short gestations and very low birth weight births reported to be full term. The clinical estimate also was used if the date of the LMP was not reported. The period of gestation for 3.9 percent of the births in 1990 was based on the clinical estimate of gestation. For 96 percent of these records, the clinical estimate was used because the LMP date was not reported. For the remaining 4 percent, the clinical estimate was used because it was compatible with the reported birth weight whereas the LMP-computed gestation was not. In cases where the reported birth weight was inconsistent with both the LMP-computed gestation and the clinical estimate of gestation, the LMP-computed gestation was used and birth weight was reclassified as "not stated." These changes result in only a very small discontinuity in the data. For further information on the use of the clinical estimate of gestation see "Computer Edits for Natality Data, Effective 1989," NCHS Instruction Manual, Part 12, pages 34-36.

Before 1981 the period of gestation was computed only when there was a valid month, day, and year of LMP. However, length of gestation could not be determined from a substantial number of live birth certificates each year because the day of LMP was missing. Beginning in 1981 weeks of gestation have been imputed for records with missing day of LMP when there is a valid month and year. Each such record is assigned the gestational period in weeks of the preceding record that has a complete LMP date with the same computed months of gestation and the same 500-gram birth weight interval. The effect of the imputation procedure is to increase slightly the proportion of preterm births and to lower the proportion of births at 39, 40, 41, and 42 weeks of gestation. A more complete discussion of this procedure and its implications is presented in a previous report (10).

Because of post-conception bleeding or menstrual irregularities, the presumed date of LMP may be in error. In these instances the computed gestational period may be longer or shorter than the true gestational period, but the extent of such errors is unknown.

### Month of pregnancy prenatal care began

For those records in which the name of the month is entered for this item, instead of first, second, third, and so forth, the month of pregnancy in which prenatal care began is determined from the month named and the month last normal menses began. For these births, if the item "Date last normal menses began" is not stated, the month of pregnancy in which prenatal care began is tabulated as not stated.

### Number of prenatal visits

Tabulations of the number of prenatal visits were presented for the first time in 1972. In 1990 these data were collected from the birth certificates of all States.

Percent distributions and the median number of prenatal visits exclude births to mothers who had no prenatal care.

### Apgar score

One- and 5-minute Apgar scores were added to the U.S. Standard Certificate of Live Birth in 1978 to evaluate the condition of the newborn infant at 1 and 5 minutes after birth. The Apgar score is a useful measure of the need for resuscitation and a predictor of the infant's chances of surviving the first year of life. It is a summary measure of the infant's condition based on heart rate, respiratory effort, muscle tone, reflex irritability, and color. Each of these factors is given a score of 0, 1, or 2; the sum of these 5 values is the Apgar score, which ranges from 0 to 10. A score of 10 is optimum, and a low score raises some doubts about the survival and subsequent health of the infant. In 1990 the 1- and 5-minute Apgar scores were included on the birth certificates of 47 States and the District of Columbia.

### Tobacco and alcohol use during pregnancy

The checkbox format allows for classification of a mother as a smoker or drinker during pregnancy and for the reporting of the average number of cigarettes smoked per day or drinks consumed per week. When smoking and/or drinking status is not reported or is inconsistent with the quantity of cigarettes or drinks reported, the status is changed to be consistent with the amount reported. For example, if the drinking status is reported as "no" but one or more average drinks a week are reported, the mother is classified as a drinker. If the number of cigarettes smoked per day is reported as one or more, the mother is considered a smoker. When one (or a fraction of one) drink a week is recorded, the mother is classified as a drinker. For records on which the number of drinks or number of cigarettes is

reported as a span, e.g. 10-15, the lower number is used. The numbers of drinkers and number of drinks reported on birth certificates are believed to underestimate actual alcohol use.

Data on tobacco use were collected by 45 States and the District of Columbia in 1990. Information on alcohol use was included on the certificates of 46 States and the District of Columbia. See table A for a listing of reporting areas.

#### Weight gained during pregnancy

Weight gain is reported in pounds. A loss of weight is reported as zero gain. Computations of median weight gain were based on ungrouped data.

This item was included on the certificates of 48 States and the District of Columbia. See table A for a listing of reporting areas.

#### Medical risk factors for this pregnancy

This item, which includes 16 specific medical risk factors, was included on the birth certificates of 49 States and the District of Columbia. Several States, however, did not include all factors on their birth certificates. See table A for more detailed information.

The format allows for the designation of more than one risk factor and includes a choice of "None." Accordingly, if the item is not completed, it is classified as "not stated."

The definitions that follow are adapted and abbreviated from a set of definitions compiled by a committee of Federal and State health statistics officials for the Association for Vital Records and Health Statistics (11).

#### Definitions of medical terms

Anemia--Hemoglobin level of less than 10.0 g/dL during pregnancy or a hematocrit of less than 30 percent during pregnancy.

Cardiac disease--Disease of the heart.

Acute or chronic lung disease--Disease of the lungs during pregnancy.

Diabetes--Metabolic disorder characterized by excessive discharge of urine and persistent thirst; includes juvenile onset, adult onset, and gestational diabetes during pregnancy.

Genital herpes--Infection of the skin of the genital area by herpes simplex virus.

Hydramnios/Oligohydramnios--Any noticeable excess (hydramnios) or lack (oligohydramnios) of amniotic fluid.

Hemoglobinopathy--A blood disorder caused by alteration in the genetically determined molecular structure of hemoglobin (example: sickle cell anemia).

Hypertension, chronic--Blood pressure persistently greater than 140/90, diagnosed prior to onset of pregnancy or before the 20th week of gestation.

Hypertension, pregnancy-associated--An increase in blood pressure of at least 30 mm Hg systolic or 15 mm Hg diastolic on two measurements taken 6 hours apart after the 20th week of gestation.

Eclampsia--The occurrence of convulsions and/or coma unrelated to other cerebral conditions in women with signs and symptoms of pre-eclampsia.

Incompetent cervix--Characterized by painless dilation of the cervix in the second trimester or early in the third trimester of pregnancy, with prolapse of membranes through the cervix and ballooning of the membranes into the vagina, followed by rupture of membranes and subsequent expulsion of the fetus.

Previous infant 4000+ grams--The birth weight of a previous live born child was over 4000+ grams (8 pounds 13 ounces).

Previous preterm or small-for-gestational-age infant--Previous birth of an infant prior to term (before 37 completed weeks of gestation) or of an infant weighing less than the tenth percentile for gestational age using a standard weight for age chart.

Renal disease--Kidney disease.

Rh Sensitization--The process or state of becoming sensitized to the Rh factor as when an Rh-negative woman is pregnant with an Rh-positive fetus.

Uterine bleeding--Any clinically significant bleeding during the pregnancy taking into consideration the stage of pregnancy; any second or third trimester bleeding of the uterus prior to the onset of labor.

#### Obstetric procedures

This item includes six specific obstetric procedures. Birth records with "Obstetric procedures" left blank are considered "not stated." Data on obstetric procedures was reported by 49 States and the District of Columbia. See table A for a list of the reporting States.

The definitions that follow are adapted and abbreviated from a set of definitions compiled by a committee of Federal and State health statistics officials for the Association for Vital Records and Health Statistics (11).

### Definitions of medical terms

Amniocentesis--Surgical transabdominal perforation of the uterus to obtain amniotic fluid to be used in the detection of genetic disorders, fetal abnormalities, and fetal lung maturity.

Electronic fetal monitoring--Monitoring with external devices applied to the maternal abdomen or with internal devices with an electrode attached to the fetal scalp and a catheter through the cervix into the uterus, to detect and record fetal heart tones and uterine contractions.

Induction of labor--The initiation of uterine contractions before the spontaneous onset of labor by medical and/or surgical means for the purpose of delivery.

Stimulation of labor--Augmentation of previously established labor by use of oxytocin.

Tocolysis--Use of medications to inhibit preterm uterine contractions to extend the length of pregnancy and therefore avoid a preterm birth.

Ultrasound--Visualization of the fetus and placenta by means of sound waves.

### Complications of labor and/or delivery

The checkbox format allows for the selection of 15 specific complications and for the designation of more than one complication where appropriate. A choice of "None" is also included. Accordingly, if the item is not completed, it is classified as "not stated."

Forty-nine States and the District of Columbia included this item on their birth certificates. However, not all of the complications were reported by all reporting States (see table A).

The definitions that follow are adapted and abbreviated from a set of definitions compiled by a committee of Federal and State health statistics officials for the Association for Vital Records and Health Statistics (11).

### Definitions of medical terms

Febrile--A fever greater than 100 degrees F. or 38 C. occurring during labor and/or delivery.

Meconium, moderate/heavy--Meconium consists of undigested debris from swallowed amniotic fluid, various products of secretion, excretion and shedding by the gastrointestinal tract; moderate to heavy amounts of meconium in the amniotic fluid noted during labor and/or delivery.

Premature rupture of membranes (more than 12 hours)--Rupture of the membranes at any time during pregnancy and more than 12 hours before the onset of labor.

Abruptio placenta--Premature separation of a normally-implanted placenta from the uterus.

Placenta previa--Implantation of the placenta over or near the internal opening of the cervix.

Other excessive bleeding--The loss of a significant amount of blood from conditions other than abruptio placenta or placenta previa.

Seizures during labor--Maternal seizures occurring during labor from any cause.

Precipitous labor (less than 3 hours)--Extremely rapid labor and delivery lasting less than 3 hours.

Prolonged labor (more than 20 hours)--Abnormally slow progress of labor lasting more than 20 hours.

Dysfunctional labor--Failure to progress in a normal pattern of labor.

Breech/Malpresentation--At birth, the presentation of the fetal buttocks rather than the head, or other malpresentation.

Cephalopelvic disproportion--The relationship of the size, presentation and position of the fetal head to the maternal pelvis prevents dilation of the cervix and/or descent of the fetal head.

Cord prolapse--Premature expulsion of the umbilical cord in labor before the fetus is delivered.

Anesthetic complications--Any complication during labor and/or delivery brought on by an anesthetic agent or agents.

Fetal distress--Signs indicating fetal hypoxia (deficiency in amount of oxygen reaching fetal tissues).

#### Abnormal conditions of the newborn

This item provides information on eight specific abnormal conditions. More than one abnormal condition may be reported for a given birth or "None" may be selected. If the item is not completed it is tabulated as "not stated." This item was included on the birth certificates of 49 States in 1990. However, several States did not include all conditions (see table A).

The definitions that follow are adapted and abbreviated from a set of definitions compiled by a committee of Federal and State health statistics officials for the Association for Vital Records and Health Statistics (11).

#### Definitions of medical terms

Anemia--Hemoglobin level of less than 13.0 g/dL or a hematocrit of less than 39 percent.

Birth injury--Impairment of the infant's body function or structure due to adverse influences which occurred at birth.

Fetal alcohol syndrome--A syndrome of altered prenatal growth and development occurring in infants born of women who consumed excessive amounts of alcohol during pregnancy.

Hyaline membrane disease/RDS--A disorder primarily of prematurity, manifested clinically by respiratory distress and pathologically by pulmonary hyaline membranes and incomplete expansion of the lungs at birth.

Meconium aspiration syndrome--Aspiration of meconium by the fetus or newborn, affecting the lower respiratory system.

Assisted ventilation (less than 30 minutes)--A mechanical method of assisting respiration for newborns with respiratory failure.

Assisted ventilation (30 minutes or more)--Newborn placed on assisted ventilation for 30 minutes or longer.

Seizures--A seizure of any etiology.

#### Congenital anomalies of child

The data provided in this item relate to 21 specific anomalies or anomaly groups. It is well documented that congenital anomalies, except for the most visible and most severe, are incompletely reported on birth certificates. The completeness of reporting specific anomalies depends on how easily they are recognized in the short time between birth and birth registration.

Forty-seven States and the District of Columbia included this item on their birth certificates (see table A). The format allows for the identification of more than one anomaly including a choice of "None" should no anomalies be evident. The category "not stated" includes birth records for which the item is not completed.

Because of a processing error for births occurring in Texas, the number of club foot, diaphragmatic hernia, and other musculoskeletal/integumental anomalies are incorrect. The correct numbers and rates for these anomalies for all births combined are shown in the following table:

	All races Number reported	Rate <sup>1</sup>	White Number reported	Rate <sup>1</sup>	Black Number reported	Rate <sup>1</sup>
Club foot	2,277	62.7	1,986	68.7	231	39.4
Diaphragmatic hernia	514	14.2	427	14.8	65	11.1
Other musculo- skeletal/ integumental anomalies	8,118	223.6	6,515	225.5	1,242	211.7

1/ Rate per 100,000 total live births.

The definitions that follow are adapted and abbreviated from a set of definitions compiled by a committee of Federal and State health statistics officials for the Association for Vital Records and Health Statistics (11).

### Definitions of medical terms

Anencephalus--Absence of the cerebral hemispheres.

Spina Bifida/meningocele--Developmental anomaly characterized by defective closure of the bony encasement of the spinal cord, through which the cord and meninges may or may not protrude.

Hydrocephalus--Excessive accumulation of cerebrospinal fluid within the ventricles of the brain with consequent enlargement of the cranium.

Microcephalus--A significantly small head.

Other central nervous system anomalies--Other specified anomalies of the brain, spinal cord, and nervous system.

Heart malformations--Congenital anomalies of the heart.

Other circulatory/respiratory anomalies--Other specified anomalies of the circulatory and respiratory systems.

Rectal atresia/stenosis--Congenital absence, closure, or narrowing of the rectum.

Tracheo-esophageal fistula/Esophageal atresia--An abnormal passage between the trachea and the esophagus; esophageal atresia is the congenital absence or closure of the esophagus.

Omphalocele/gastroschisis--An omphalocele is a protrusion of variable amounts of abdominal viscera from a midline defect at the base of the umbilicus. In gastroschisis, the abdominal viscera protrude through an abdominal wall defect, usually on the right side of the umbilical cord insertion.

Other gastrointestinal anomalies--Other specified congenital anomalies of the gastrointestinal system.

Malformed genitalia--Congenital anomalies of the reproductive organs.

Renal agenesis--One or both kidneys are completely absent.

Other urogenital anomalies--Other specified congenital anomalies of the organs concerned in the production and excretion of urine, together with organs of reproduction.

Cleft lip/palate--Cleft lip is a fissure of elongated opening of the lip; cleft palate is a fissure in the roof of the mouth. These are failures of embryonic development.

Polydactyly/syndactyly, adactyly--Polydactyly is the presence of more than five digits on either hands and/or feet; syndactyly is having fused or webbed fingers and/or toes; adactyly is the absence of fingers and/or toes.

Club foot--Deformities of the foot, which is twisted out of shape or position.

Diaphragmatic hernia--Herniation of the abdominal contents through the diaphragm into the thoracic cavity usually resulting in respiratory distress.



Other musculoskeletal/integumental anomalies--Other specified congenital anomalies of the muscles, skeleton, or skin.

Down's syndrome--The most common chromosomal defect with most cases resulting from an extra chromosome (trisomy 21).

Other chromosomal anomalies--All other chromosomal aberrations.

#### Method of delivery

The new birth certificate contains a checkbox item on method of delivery. The choices include vaginal delivery, with the additional options of forceps, vacuum and vaginal birth after previous cesarean section (VBAC), as well as a choice of primary or repeat cesarean. When only forceps, vacuum, or VBAC is checked, a vaginal birth is assumed. In 1990 this information was collected from the birth certificates of 49 States and the District of Columbia. See table A for a listing of reporting areas.

Several rates are computed for method of delivery. The overall cesarean section rate or total cesarean rate is computed as the proportion of all births that were delivered by cesarean section. The primary cesarean rate is a measure which relates the number of women having a primary cesarean delivery to all women giving birth who have never had a cesarean delivery. The denominator for this rate includes all births less those with method of delivery classified as repeat cesareans and vaginal birth after previous cesarean. The repeat cesarean rate is the proportion of all cesarean deliveries that were to women having their second (or subsequent) cesarean delivery. The rate for vaginal birth after previous cesarean (VBAC) delivery is computed by relating all VBAC deliveries to the sum of VBAC and repeat cesarean deliveries, that is, to women with a previous cesarean section. Repeat cesarean and VBAC rates for first births exist because the rates are computed on the basis of previous pregnancies, not just live births.

#### Hispanic parentage

The 1989 revision of the U.S. Standard Certificate of Live Births includes items to identify the Hispanic origin of the parents. Concurrent with the 1978 revision of the U.S. Certificate of Live Birth, NCHS recommended that items to identify the Hispanic or ethnic origin of the newborn's parents be included on birth certificates and has tabulated and evaluated these data from the reporting States. Forty-eight States and the District of Columbia reported Hispanic origin of the parents for 1990. Based on data published by the U.S. Bureau of the Census (12) and related unpublished tabulations, it is estimated that 99.6 percent of the Hispanic population resides in the 1990 reporting area.

In computing birth and fertility rates for the Hispanic population, births with origin of mother not stated are included with non-Hispanic births rather than being distributed. Thus, rates for the Hispanic population are underestimates of the true rates to the extent that the births in the reporting area with origin of mother not stated (1.0 percent) were actually to Hispanic mothers. In order to compute rates for the Hispanic population for the United States as a whole, estimates by Hispanic origin and age of mother were made by inflating the figure for the reporting areas by the proportion of the U.S. Hispanic population in the three nonreporting States, Louisiana, New Hampshire, and Oklahoma. This procedure was performed separately for each Hispanic origin sub-group. The resulting rates are, therefore, estimated for the United States.

The population with origin not stated was imputed. The effect on the rates is believed to be small.

#### QUALITY OF DATA

Although vital statistics data are useful for a variety of administrative and scientific purposes, they cannot be correctly interpreted unless various qualifying factors and methods of classification are taken into account. The factors to be considered depend on the specific purposes for which the data are to be used. It is not feasible to discuss all the pertinent factors in the use of vital statistics tabulations, but some of the more important ones should be mentioned.

Most of the factors limiting the use of data arise from imperfections in the original records or from the impracticability of tabulating these data in very detailed categories. These limitations should not be ignored, but their existence does not vitiate the value of the data for most general purposes.

#### Completeness of registration

An estimated 99.3 percent of all births occurring in the United States in 1990 were registered; for white births registration was 99.4 percent complete and for all other births, 98.5 percent complete. These estimates are based on the results of the 1964-68 test of birth registration completeness according to place of delivery (in or out of hospital) and race and on the 1989 proportions of births in these categories. The primary purpose of the test was to obtain current measures of registration completeness for births in and out of hospital by race on a national basis. Data for States were not available as they had been from the previous birth-registration tests in 1940 and 1950. A detailed discussion of the method and results of the 1964-68 birth registration test is available (13).

The 1964-68 test has provided an opportunity to revise the estimates of birth-registration completeness for the years since the previous test in 1950 to reflect the improvement in registration. This has been done using registration completeness figures from the two tests by place of delivery and race. Estimates of registration completeness for four groups (based on place of delivery and race) for 1951-65 were computed by interpolation between the test results. (It was assumed that the data from the more recent test are for 1966, the midpoint of the test period.) The results of the 1964-68 test are assumed to prevail for 1966 and later years. These estimates were used with the proportions of births registered in these categories to obtain revised numbers of births adjusted for underregistration for each year. The overall percent of birth-registration completeness by race was then computed. The figures for 1951-68 shown in table 1-3 differ slightly from those shown in annual reports for years prior to 1969.

Data adjusted for underregistration for 1951-59 shown in tables 1-1, 1-4, 1-5, 1-9, 1-10, and 1-11 have been revised to be consistent with the 1964-68 test results and differ slightly from data shown in annual reports for years before 1969. For these years the published number of births and birth rates for both racial groups have been revised slightly downward because the 1964-68 test indicated that previous adjustments to registered births were slightly inflated. Because registration completeness figures by age of mother and by live-birth order are not available from the 1964-68 test, it must be assumed that the relationships among these variables have not changed since 1950.

Discontinuation of adjustment for underregistration, 1960-- Adjustment for underregistration of births was discontinued in 1960, when birth registration for the United States was estimated to be 99.1 percent complete. This removed a bias introduced into age-specific rates when adjusted births classified by age were used. Age-specific rates are calculated by dividing the number of births to an age group of mothers by the population of women in that age group. Tests have shown that population figures are likely to be understated through census undercounts; these errors compensate for underregistration of births. Adjustment for underregistration of births, therefore, removes the compensating effect of underenumeration, biasing the age-specific rates more than when uncorrected birth and population data are used. (For further details see Vital Statistics of the United States, 1963, Volume I, page 4-11.)

The age-specific rates used in the cohort fertility tables (tables 1-15 through 1-22) are an exception to the above statement. These rates are computed from births corrected for underregistration and population estimates adjusted for underenumeration and misstatement of age. Adjusted births and population estimates are used for the cohort rates because they

are an integral part of a series of rates, estimated with a consistent methodology. It was considered desirable to maintain consistency with respect to the cohort rates, even though it means that they will not be precisely comparable with other rates shown for 5-year age groups.

#### Completeness of reporting

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

#### Quality control procedures

States in the Vital Statistics Cooperative Program are required to have an error rate of less than 2.0 percent for each item for 3 consecutive data months during the initial qualifying period. Once a State is qualified, NCHS monitors the quality of data received through independent verification of a sample of records to ensure that the item error rate is not more than approximately 4 percent. In addition, there is verification at the State level before NCHS is sent the data.

After completion of coding, counts of the taped records are balanced against control totals for each shipment of records from a registration area. Impossible codes are eliminated during the editing processes on the computer and corrected on the basis of reference to the source record or adjusted by arbitrary code assignment. All subsequent operations involved in tabulation and table preparation are verified during the computer processing or by statistical clerks.

#### Small frequencies

The numbers of births reported for an area represent complete counts. 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 of time or for different areas, the number of events that actually occurred may be considered as one of a large series of possible results that could have arisen under the same circumstances. 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 errors and tests of significance under this assumption are described in

most standard statistics texts. When the number of events is large, the relative standard error, expressed as a percent of the number or rate, is usually small.

When the number of events is small (fewer than 100) and the probability of such an event is small, considerable caution must be observed in interpreting the conditions described by the figures. Events of rare nature may be assumed to follow a Poisson probability distribution. For this distribution, a simple approximation may be used to estimate the error as follows:

If  $\underline{N}$  is the number of births and  $\underline{R}$  is the corresponding rate, the chances are 19 in 20 that

1. The "true" number of events lies between  
 $\underline{N} - 2 \sqrt{\underline{N}}$  and  $\underline{N} + 2 \sqrt{\underline{N}}$

2. The "true" rate lies between  
 $\underline{R} - 2 \frac{\underline{R}}{\sqrt{\underline{N}}}$  and  $\underline{R} + 2 \frac{\underline{R}}{\sqrt{\underline{N}}}$

If the rate  $\underline{R}_1$  corresponding to  $\underline{N}_1$  events is compared with the rate  $\underline{R}_2$  corresponding to  $\underline{N}_2$  events, the difference between the two rates may be regarded as statistically significant if it exceeds

$$2 \sqrt{\frac{\underline{R}_1^2}{\underline{N}_1} + \frac{\underline{R}_2^2}{\underline{N}_2}}$$

For example, suppose that the observed birth rate for area A was 15.0 per 1,000 population and that this rate was based on 50 recorded births. Given prevailing conditions, the chances are 19 in 20 that the "true" or underlying birth rate for that area lies between 10.8 and 19.2 per 1,000 population. Let it be further supposed that the birth rate for area A of 15.0 per 1,000 population is being compared with a rate of 20.0 per 1,000 population for area B, which is based on 40 recorded births.

Although the difference between the rates for the two areas is 5.0, this difference is less than twice the standard error of the difference

$$2 \quad \frac{(15.0)^2}{50} \quad + \quad \frac{(20.0)^2}{40}$$

of the two rates that is computed to be 7.6. From this, it is concluded that the difference between the rates for the two areas is not statistically significant.

#### COMPUTATION OF RATES AND OTHER MEASURES

##### Population bases

The rates shown in this report were computed on the basis of population statistics 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 of those years. Rates for all other years are based on the estimated midyear (July 1) population for the respective years. Birth 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 population of the birth- and death-registration States for 1900-1932 and for the United States for 1900-1990 is shown in table 4-1. In addition, the population including Armed Forces abroad is shown for the United States. Table B shows the sources for these populations.

In both 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. (12) In 1980, the number of persons of "other" race was 6,758,319; in 1990, it was 9,804,847. In both censuses, the large majority of these persons were of Hispanic origin (based on response to a separate question on the form), and many wrote in their Hispanic origin, or Hispanic origin type (e.g. Mexican, Puerto Rican) as their race. In both 1980 and 1990, persons of unspecified race were allocated to one of the four tabulated racial groups (White, Black, American Indian, API), 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 carried out 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-not-specified" persons who were not Hispanic, race was allocated to White, Black, or Asian and Pacific Islander, based on proportions gleaned from sample data. The 20% sample (respondents who were enumerated on the longer census form) provided a highly detailed coding of race, which allowed identification of otherwise unidentifiable responses with a specified race category. Allocation proportions were thus established at the State level, which were used to distribute the non-Hispanic persons of "other" race in the 100% tabulations.

In 1990, the race modification procedure was carried out using individual census records. Persons whose race could not be specified were assigned to a racial category using a pool of "race donors", which was derived from persons of specified race and the identical response to the Hispanic origin question within the auspices of the same census District Office. As in 1980, the underlying assumption was that the Hispanic origin response was the major criterion for allocating race. Unlike 1980, persons of Hispanic origin, including Mexican, could be assigned to any racial group, rather than White or Black only, and 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 in the two censuses; therefore, the problems that necessitated the modification were different. In 1980, respondents reported year of birth and quarter of birth (within year) on the census form. When census results were tabulated, persons born in the first quarter of the year (before April 1) had age equal to 1980 minus year of birth, while persons born in the last three quarters had age equal 1979 minus year of birth.

In 1990, quarter year of birth was not reported on the census form, so that direct determination of age from year of birth was impossible. 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, which could occur several months after the April 1 reference data. As a result, age was biased upward. Modification was based on a respecification of age, for most

individual respondents, 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.

Populations for 1990--The population of the United States by age, race, and sex, and the population for each State are shown in tables 4-2 and 4-3. The figures have been modified as described above. Monthly population figures were published in Current Population Reports, Series P-25, Number 1094.

Population estimates for 1981-89--Birth rates for 1981-89 (except those for cohorts of women in tables 1-15 through 1-22) have been revised, based on revised population estimates that are consistent with the 1990 census levels, and thus may differ from rates published in volumes of Vital Statistics of the United States for these years. The 1990 census counted approximately 1.5 million fewer persons than had earlier been estimated for April 1, 1990. The revised estimates for the United States by age, race, and sex were published by the U.S. Bureau of the Census in the Current Population Reports, Series P-25, Number 1095. Population estimates by month are based on data published in Current Population Reports, Series P-25, Number 1094 and unpublished data. Unpublished revised estimates for States were obtained from the U.S. Bureau of the Census.

Populations for 1980--The population of the United States by age, race, and sex, and the population for each State are shown in tables 4-2 and 4-3 of Vital Statistics of the United States, 1980, Volume I. The figures by race have been modified as described above. Monthly population figures were published in Current Population Reports, Series P-25, Number 899.

Population estimates for 1971-79--Birth rates for 1971-79 (except those for cohorts of women in tables 1-15 through 1-22) have been revised, based on revised population estimates that are consistent with the 1980 census levels, and thus may differ from rates published in volumes of Vital Statistics of the United States for these years. The 1980 census counted approximately 5.5 million more persons than had earlier been estimated for April 1, 1980 (14). The revised estimates for the United States by age, race, and sex were published by the U.S. Bureau of the Census in the Current Population Reports, Series P-25, Number 917. Population estimates by month are based on data published



in Current Population Reports, Series P-25, Number 899. Unpublished revised estimates for States were obtained from the U.S. Bureau of the Census.

Population estimates for 1961-69--Birth rates in this volume for 1961-69 (except for those shown in tables 1-5 and 1-6) are based on revised estimates of the population and thus may differ slightly from rates published before 1976. The revised estimates used in computing these rates were published in Current Population Reports, Series P-25, Number 519. The rates shown in tables 1-5 and 1-6 for 1961-64 are based on revised estimates of the population published in Current Population Reports, Series P-25, Numbers 321 and 324 and may differ slightly from rates published in those years.

Population estimates for 1951-59--Final intercensal estimates of the population by age, race, and sex and total population by State for 1951-59 are shown in tables 4-4 and 4-5 of Vital Statistics of the United States, 1966, Volume I. Beginning with 1963 these final estimates have been used to compute birth rates for 1951-59 in all issues of Vital Statistics of the United States.

#### Net census undercounts and overcounts

The U.S. Bureau of the Census has conducted extensive research to evaluate the coverage of the U.S. population (including undercount and overcount and misstatement of age, race, and sex) in the last five decennial censuses--1950, 1960, 1970, 1980, and 1990. These studies provide estimates of the national population that was not enumerated or overenumerated in the respective censuses, by age, race, and sex (15-17). The report for 1990 (unpublished data from the Bureau of the Census) includes 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 there is differential coverage in the censuses among the population subgroups; that is, some age, race, and sex groups are more completely enumerated than others. To the extent that these estimates of overcounts or undercounts are valid, that they are substantial, and that they vary among subgroups and geographic areas, census miscounts can have consequences for vital statistics measures (15). However, the effects of undercounts in the census are reduced to the extent that there is underregistration of births. If these two factors are of equal magnitude, rates based on the unadjusted populations are more accurate than those based on adjusted populations because the births have not been adjusted for underregistration.

The impact of net census miscounts on vital statistics measures includes the effects on levels of the rates and effects on differentials among groups.

If adjustments were made for persons who were not counted in the census of population, the size of the denominators would generally increase and the rates would be smaller than without an adjustment. Adjusted rates for 1990 can be computed by multiplying the reported rates by ratios of the 1990 census-level population adjusted for the estimated net census miscounts, which are shown in table C. A ratio of less than 1.0 indicates a net census undercount and would result in a corresponding decrease in the rate. A ratio in excess of 1.0 indicates a net census overcount and would result in a corresponding increase in the rate.

Enumeration of white females in the childbearing ages was at least 97 percent complete for all ages. Among black women, the undercount ranged up to 5 percent. Generally, females in the childbearing ages were more completely enumerated than males for similar race-age groups.

If vital statistics measures were calculated with adjustments for net census miscounts for each of these subgroups, the resulting rates would have been differentially changed from their original levels; that is, rates for those groups with the greatest estimated overcounts or undercounts would show the greatest relative changes due to these adjustments. Thus the racial differential in fertility between the white and the "All other" population can be affected by such adjustments.

#### Cohort fertility tables

The various fertility measures shown for cohorts of women in tables 1-15 through 1-22 are computed from births adjusted for underregistration and population estimates corrected for underenumeration and misstatement of age. The data shown in this volume are not consistent with data published in annual reports before 1974. These data use revised population estimates prepared by the U.S. Bureau of the Census and have been expanded to include data for the two major racial groups. Heuser has prepared a detailed description of the methods used in deriving these measures as well as more detailed data for earlier years (18).

Parity distribution--The percent distribution of women by parity (number of children ever born alive to mother) shown in tables 1-17 and 1-21 is derived from cumulative birth rates by order of birth, which are shown in tables 1-16 and 1-20. The percent of zero-parity women is found by subtracting the cumulative first birth rate from 1,000 and dividing by 10. The

proportions of women at parities one through six are found from the following formula:

$$\text{Percent at } \underline{N} \text{ parity} = \frac{(\text{cum. rate, order } \underline{N}) - (\text{cum. rate, order } \underline{N}+1)}{10}$$

The percent of women at seventh higher parities is found by dividing the cumulative rate for seventh-order births by 10.

Birth probabilities--Shown in tables 1-18 and 1-22, birth probabilities indicate the likelihood that a woman of a certain parity and age at the beginning of the year will have a child during the year. Birth probabilities differ from central birth rates in that the denominator for birth probabilities is specific for parity as well as for age.

#### Age-sex-adjusted birth rates

The age-sex-adjusted birth rates shown in table 1-4 are computed by the direct method. The age distribution of women aged 10-49 years as enumerated in 1940 and the total population of the United States for that year are used as the standard populations. The birth rates by age of mother and race that are used to compute these adjusted rates are shown in table 1-9. The age-sex-adjusted birth rates show differences in the level of fertility independent of differences in the age and sex composition of the population. It is important not to confuse these adjusted rates with the crude rates shown in other tables.

#### Total fertility rate

The total fertility rate is the sum of the birth rates by age of mother (in 5-year age groups) multiplied by 5. It is an age-adjusted rate because it is based on the assumption that there are the same number of women in each age group. In table 1-9 the rate of 2,081 in 1990, for example, means that if a hypothetical group of 1,000 women were to have the same birth rates in each age group that were observed in the actual childbearing population in 1990, they would have a total of 2,081 children by the time they reached the end of the reproductive period (taken here to be age 50 years), assuming that all of the women survived to that age.

#### Intrinsic vital rates

The intrinsic vital rates shown in table 1-6 are calculated from a stable population. A stable population is that hypothetical population, closed to external migration, that would become fixed in age-sex structure after repeated applications of a constant set of age-sex specific birth and death rates. For the mathematical derivation of intrinsic vital

rates, see Vital Statistics of the United States, 1962, Volume I, pages 4-13 and 4-14. The technique of calculating intrinsic vital rates is described by Barclay (19).

#### Seasonal adjustment of rates

The seasonally adjusted birth and fertility rates shown in table 1-8 are computed from X-11 variant of Census Method II (20). This method of seasonal adjustment used since 1964 differs slightly from the U.S. Bureau of Labor Statistics (BLS) Seasonal Factor Method, which was used for Vital Statistics of the United States, 1964. The fundamental technique is the same in that it is an adaptation of the ratio-to-moving-average method. Before 1964 the method of seasonal adjustment was based on the X-9 variant and other variants of Census Method II. A comparison of the Census Method II with the BLS Seasonal Factor Method shows the differences in the seasonal patterns of births to be negligible.

#### Computation of percents, medians, and means

Percent distributions, medians, and means are computed using only events for which the characteristic is reported. The "Not stated" category is subtracted from the total before computation of these measures.

The asterisk (\*) indicates that the numerator and/or denominator number is less than 20.

SYMBOLS USED IN TABLES

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

## Section 4 - Technical Appendix

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Figure 4-A

TYPE/PRINT IN PERMANENT BLACK INK FOR INSTRUCTIONS SEE HANDBOOK

U.S. STANDARD CERTIFICATE OF LIVE BIRTH

CHILD

CERTIFIER/ ATTENDANT

DEATH UNDER ONE YEAR OF AGE Enter State File Number of death certificate for this child

MOTHER

FATHER

INFORMANT

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

FETAL DEATH(S)

DEPARTMENT OF HEALTH AND HUMAN SERVICES - PUBLIC HEALTH SERVICE - NATIONAL CENTER FOR HEALTH STATISTICS - 1985 REVISION

1 CHILD'S NAME (First, Middle, Last)		2. DATE OF BIRTH (Month, Day, Year)		3. TIME OF BIRTH M	
4. SEX	5. CITY, TOWN, OR LOCATION OF BIRTH			6. COUNTY OF BIRTH	
7 PLACE OF BIRTH: <input type="checkbox"/> Hospital <input type="checkbox"/> Freestanding Birthing Center <input type="checkbox"/> Clinic/Doctor's Office <input type="checkbox"/> Residence <input type="checkbox"/> Other (Specify)			8. FACILITY NAME (If not institution, give street and number)		
9 I certify that this child was born alive at the place and time and on the date stated.		10. DATE SIGNED (Month, Day, Year)	11. ATTENDANT'S NAME AND TITLE (If other than certifier) (Type/Print) Name _____ <input type="checkbox"/> M.D. <input type="checkbox"/> D.O. <input type="checkbox"/> C.N.M. <input type="checkbox"/> Other Midwife <input type="checkbox"/> Other (Specify)		
12. CERTIFIER'S NAME AND TITLE (Type/Print) Name _____ <input type="checkbox"/> M.D. <input type="checkbox"/> D.O. <input type="checkbox"/> Hospital Admn. <input type="checkbox"/> C.N.M. <input type="checkbox"/> Other Midwife <input type="checkbox"/> Other (Specify)			13. ATTENDANT'S MAILING ADDRESS (Street and Number or Rural Route Number, City or Town, State, Zip Code)		
14 REGISTRAR'S SIGNATURE			16. DATE FILED BY REGISTRAR (Month, Day, Year)		
15a MOTHER'S NAME (First, Middle, Last)		15b. MAIDEN SURNAME		17. DATE OF BIRTH (Month, Day, Year)	
18 BIRTHPLACE (State or Foreign Country)		19a RESIDENCE - STATE		19b COUNTY	19c. CITY, TOWN, OR LOCATION
19d. STREET AND NUMBER		19e. INSIDE CITY LIMITS? (Yes or no)	20. MOTHER'S MAILING ADDRESS (If same as residence, enter Zip Code only)		
21 FATHER'S NAME (First, Middle, Last)		22 DATE OF BIRTH (Month, Day, Year)		23. BIRTHPLACE (State or Foreign Country)	
24. I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief Signature of Parent or Other Informant					

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

25 OF HISPANIC ORIGIN? (Specify No or Yes - If yes, specify Cuban, Mexican, Puerto Rican, etc.)		26. RACE - American Indian, Black, White, etc (Specify below)		27. EDUCATION (Specify only highest grade completed) Elementary/Secondary (0 12) College (1-4 or 5+)	
25a. <input type="checkbox"/> No <input type="checkbox"/> Yes Specify		26a.		27a.	
25b. <input type="checkbox"/> No <input type="checkbox"/> Yes Specify		26b.		27b.	
28. PREGNANCY HISTORY (Complete each section)			29 MOTHER MARRIED? (At birth, conception, or any time between) (Yes or no)		30. DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)
LIVE BIRTHS (Do not include this child)		OTHER TERMINATIONS (Spontaneous and induced at any time after conception)	31 MONTH OF PREGNANCY PRENATAL CARE BEGAN - First, Second, Third, etc. (Specify)		32. PRENATAL VISITS - Total Number (If none, so state)
28a. Now Living Number _____ <input type="checkbox"/> None	28b. Now Dead Number _____ <input type="checkbox"/> None	28d. Number _____ <input type="checkbox"/> None	33 BIRTH WEIGHT (Specify unit)		34. CLINICAL ESTIMATE OF GESTATION (Weeks)
28c. DATE OF LAST LIVE BIRTH (Month, Year)		28e. DATE OF LAST TERMINATION (Month, Year)	35a. PLURALITY - Single, Twin, Triplet, etc (Specify)		35b. IF NOT SINGLE BIRTH - Born First, Second, Third, etc. (Specify)
36. APGAR SCORE		37a. MOTHER TRANSFERRED PRIOR TO DELIVERY? <input type="checkbox"/> No <input type="checkbox"/> Yes If Yes, enter name of facility transferred from:			
36a. 1 Minute	36b. 5 Minutes	37b. INFANT TRANSFERRED? <input type="checkbox"/> No <input type="checkbox"/> Yes If Yes, enter name of facility transferred to:			
38a. MEDICAL RISK FACTORS FOR THIS PREGNANCY (Check all that apply)		40. COMPLICATIONS OF LABOR AND/OR DELIVERY (Check all that apply)		43. CONGENITAL ANOMALIES OF CHILD (Check all that apply)	
Anemia (Hct. <30/Hgb <10) . . . . . 01 <input type="checkbox"/>		Fever (>100°F. or 38°C.) . . . . . 01 <input type="checkbox"/>		Anencephalus . . . . . 01 <input type="checkbox"/>	
Cardiac disease . . . . . 02 <input type="checkbox"/>		Meconium, moderate/heavy . . . . . 02 <input type="checkbox"/>		Spina bifida/Meningocele . . . . . 02 <input type="checkbox"/>	
Acute or chronic lung disease . . . . . 03 <input type="checkbox"/>		Premature rupture of membrane (>12 hours) . . . . . 03 <input type="checkbox"/>		Hydrocephalus . . . . . 03 <input type="checkbox"/>	
Diabetes . . . . . 04 <input type="checkbox"/>		Abruptio placenta . . . . . 04 <input type="checkbox"/>		Microcephalus . . . . . 04 <input type="checkbox"/>	
Genital herpes . . . . . 05 <input type="checkbox"/>		Placenta previa . . . . . 05 <input type="checkbox"/>		Other central nervous system anomalies (Specify) . . . . . 05 <input type="checkbox"/>	
Hydramnios/Oligohydramnios . . . . . 06 <input type="checkbox"/>		Other excessive bleeding . . . . . 06 <input type="checkbox"/>		Heart malformations . . . . . 06 <input type="checkbox"/>	
Hemoglobinopathy . . . . . 07 <input type="checkbox"/>		Sutures during labor . . . . . 07 <input type="checkbox"/>		Other circulatory/respiratory anomalies (Specify) . . . . . 07 <input type="checkbox"/>	
Hypertension, chronic . . . . . 08 <input type="checkbox"/>		Precipitous labor (<3 hours) . . . . . 08 <input type="checkbox"/>		Rectal atresia/stenosis . . . . . 08 <input type="checkbox"/>	
Hypertension, pregnancy-associated . . . . . 09 <input type="checkbox"/>		Prolonged labor (>20 hours) . . . . . 09 <input type="checkbox"/>		Tracheo-esophageal fistula/Esophageal atresia . . . . . 08 <input type="checkbox"/>	
Eclampsia . . . . . 10 <input type="checkbox"/>		Dysfunctional labor . . . . . 10 <input type="checkbox"/>		Omphalocele/Gastrochisis . . . . . 10 <input type="checkbox"/>	
Incompetent cervix . . . . . 11 <input type="checkbox"/>		Breach/Malpresentation . . . . . 11 <input type="checkbox"/>		Other gastrointestinal anomalies (Specify) . . . . . 11 <input type="checkbox"/>	
Previous infant 4000+ grams . . . . . 12 <input type="checkbox"/>		Cephalopelvic disproportion . . . . . 12 <input type="checkbox"/>		Malformed genitalia . . . . . 12 <input type="checkbox"/>	
Previous preterm or small for gestational age infant . . . . . 13 <input type="checkbox"/>		Cord prolapse . . . . . 13 <input type="checkbox"/>		Renal agenesis . . . . . 13 <input type="checkbox"/>	
Renal disease . . . . . 14 <input type="checkbox"/>		Anesthetic complications . . . . . 14 <input type="checkbox"/>		Other urogenital anomalies (Specify) . . . . . 14 <input type="checkbox"/>	
Rh sensitization . . . . . 15 <input type="checkbox"/>		Fetal distress . . . . . 15 <input type="checkbox"/>		Cleft lip/palate . . . . . 15 <input type="checkbox"/>	
Uterine bleeding . . . . . 16 <input type="checkbox"/>		None . . . . . 00 <input type="checkbox"/>		Polydactyly/Syndactyly/Adactyly . . . . . 16 <input type="checkbox"/>	
Other . . . . . 17 <input type="checkbox"/>		(Specify)		Club foot . . . . . 17 <input type="checkbox"/>	
38b. OTHER RISK FACTORS FOR THIS PREGNANCY (Complete all items)		41. METHOD OF DELIVERY (Check all that apply)		Diaphragmatic hernia . . . . . 18 <input type="checkbox"/>	
Tobacco use during pregnancy . . . . . Yes <input type="checkbox"/> No <input type="checkbox"/>		Vaginal . . . . . 01 <input type="checkbox"/>		Other musculoskeletal/integumental anomalies (Specify) . . . . . 19 <input type="checkbox"/>	
Average number cigarettes per day _____		Vaginal birth after previous C-section . . . . . 02 <input type="checkbox"/>		Down's syndrome . . . . . 20 <input type="checkbox"/>	
Alcohol use during pregnancy . . . . . Yes <input type="checkbox"/> No <input type="checkbox"/>		Primary C-section . . . . . 03 <input type="checkbox"/>		Other chromosomal anomalies (Specify) . . . . . 20 <input type="checkbox"/>	
Average number drinks per week _____		Repeat C-section . . . . . 04 <input type="checkbox"/>		None . . . . . 00 <input type="checkbox"/>	
Weight gained during pregnancy _____ lbs.		Forceps . . . . . 05 <input type="checkbox"/>		Other . . . . . 22 <input type="checkbox"/>	
39. OBSTETRIC PROCEDURES (Check all that apply)		Vacuum . . . . . 06 <input type="checkbox"/>		(Specify)	
Amniocentesis . . . . . 01 <input type="checkbox"/>		42. ABNORMAL CONDITIONS OF THE NEWBORN (Check all that apply)		None . . . . . 00 <input type="checkbox"/>	
Electronic fetal monitoring . . . . . 02 <input type="checkbox"/>		Anemia (Hct. <39/Hgb <13) . . . . . 01 <input type="checkbox"/>		Other . . . . . 09 <input type="checkbox"/>	
Induction of labor . . . . . 03 <input type="checkbox"/>		Birth injury . . . . . 02 <input type="checkbox"/>		(Specify)	
Stimulation of labor . . . . . 04 <input type="checkbox"/>		Fetal alcohol syndrome . . . . . 03 <input type="checkbox"/>		None . . . . . 00 <input type="checkbox"/>	
Tocolysis . . . . . 05 <input type="checkbox"/>		Hyaline membrane disease/RDS . . . . . 04 <input type="checkbox"/>		Other . . . . . 22 <input type="checkbox"/>	
Ultrasound . . . . . 06 <input type="checkbox"/>		Meconium aspiration syndrome . . . . . 05 <input type="checkbox"/>		(Specify)	
None . . . . . 00 <input type="checkbox"/>		Assisted ventilation <30 min . . . . . 06 <input type="checkbox"/>		Other . . . . . 22 <input type="checkbox"/>	
Other . . . . . 07 <input type="checkbox"/>		Assisted ventilation ≥30 min . . . . . 07 <input type="checkbox"/>			
(Specify)		Sutures . . . . . 08 <input type="checkbox"/>			
		None . . . . . 00 <input type="checkbox"/>			
		Other . . . . . 09 <input type="checkbox"/>			
		(Specify)			