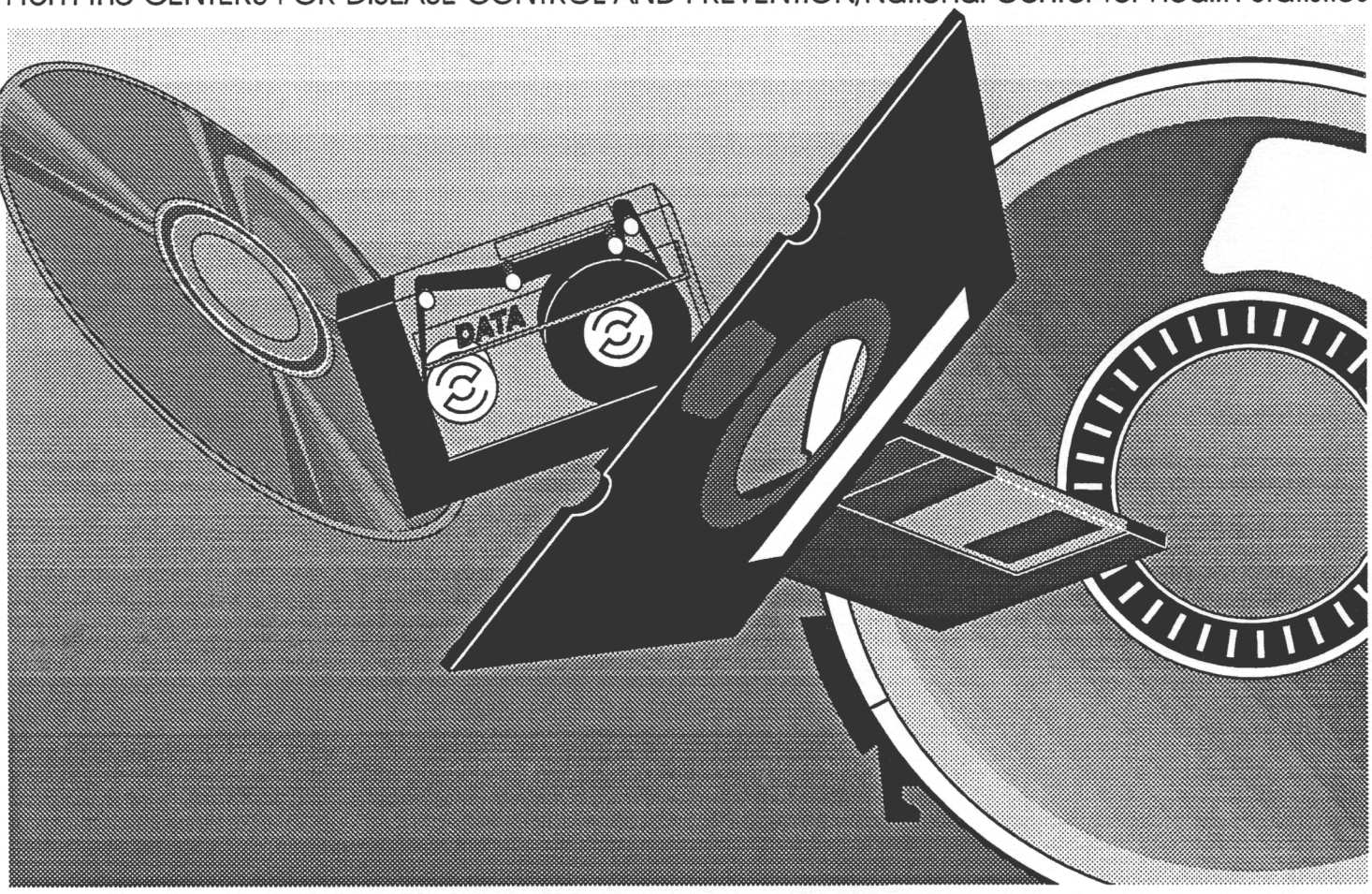
nchs

Public Use Data File Documentation

1995 Detail Natality

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

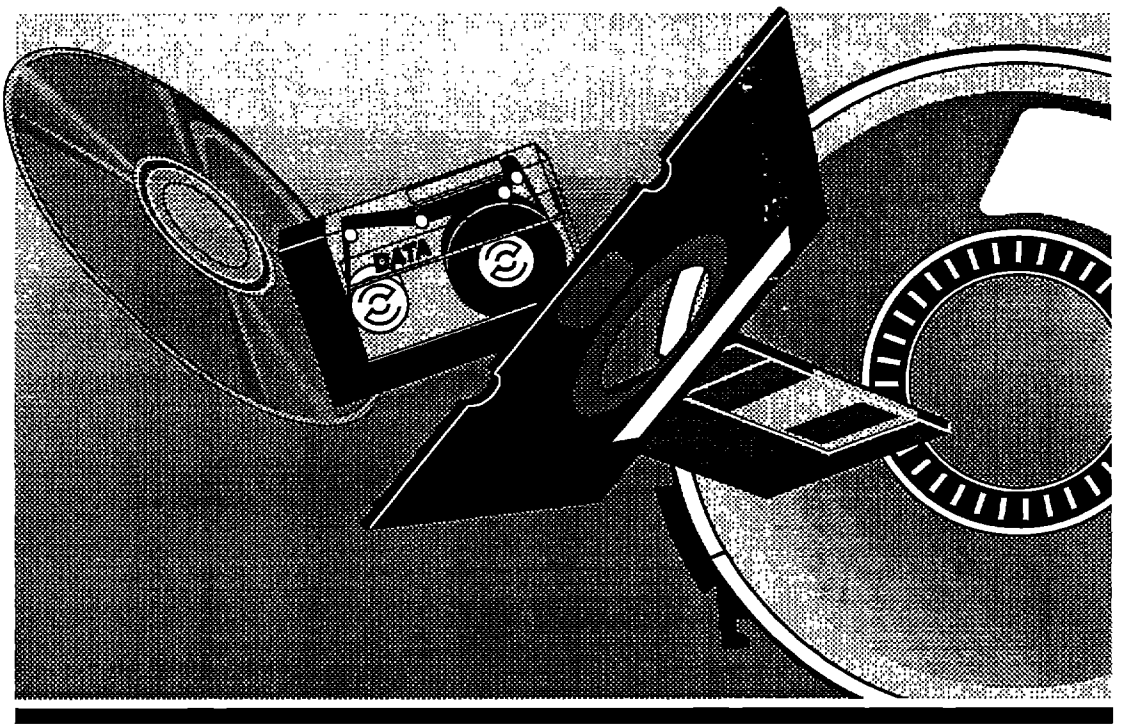


U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Center for Health Statistics

CDC
CENTERS FOR DISEASE CONTROL AND PREVENTION

Public Use Data File Documentation

1995 Detail Natality



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

Hyattsville, Maryland
September 1997

DOCUMENTATION OF THE DETAIL NATALITY TAPE FILE FOR 1995 DATA

SPECIAL NOTICE

THE GEOGRAPHIC CODES WERE CHANGED EFFECTIVE WITH 1994 DATA TO REFLECT THE RESULTS OF THE 1990 CENSUS.

DETAIL NATALITY FOR PUERTO RICO, VIRGIN ISLANDS, AND GUAM ARE INCLUDED AS A SEPARATE DATA SET IN THE PUBLIC-USE FILE

Public Use Data Tape Documentation - Natality Detail 1995 Data

This tape documentation was prepared in the Division of Vital Statistics. Manju Sharma of the Systems, Programming, and Statistical Resources Branch was responsible for developing the natality documentation and for providing all of the computer programming services necessary to keep it up-to-date. Thomas Dunn assisted Ms. Sharma in updating this documentation.

Sally Curtin of the Reproductive Statistics Branch prepared the Technical Appendix. The Registration Methods Section and the Data Acquisition and Evaluation 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 of the Systems, Programming, and Statistical Resources 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 Reproductive 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 1995 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 Puerto Rico, Virgin Islands, and Guam are included as separate data-sets in the public-use file.

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. Natality data for Puerto Rico, Virgin Islands, and Guam are limited to births occurring with in the respective territories.

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 (MSA's), Primary Metropolitan Statistical Areas (PMSA's), and New England County Metropolitan Areas (NECMA'S) included in this documentation. There are also 20 Consolidated Metropolitan Statistical Areas (CMSA's), which are made up of PMSA's. Because other geographic changes based on 1990 Census became effective with 1994 data file, the metropolitan statistical area destination were updated as well. Effective with the 1994 data-file there are 311 MSA's, PMSA's, and NECMA'S and 18 CMSA's as indicated in the listing included in this documentation.

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 1990 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. Technical Appendix.
7. Table 1. Counts of Births by occurrence and residence for each State
8. Report of Final Natality Statistics, 1995

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	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 PSMA/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. FIPS Place	47-51
	n. CMSA	52-53
	o. FIPS PSMA/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. Number at delivery	201
	c. Birthweight	193-199
	d. Apgar score	205-207
	e. Gestation	181-187,208-209
	f. Month/year of birth	172-173,176-179
	g. Day of week of birth	180

List of Data Elements and Tape Locations

Data Items		Locations
6.	Mother	
	a. Age	68-76,91-92
	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. Hispanic origin	158-159
9.	Other Items	
	a. Residence reporting flags	307-326
	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	217-222,224
	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:

ALL DATA SETS:

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 mode:	IBM/EBCDIC 8-bit code
6.	Code scheme:	Numeric/Alphabetic/Blanks
7.	Last block:	May be a short block
8.	Record length:	350
9.	Blocksize:	32550

U.S. DATA SET:

1. Record count:			
2. Data counts:	ALL BIRTHS:		
	a.	By occurrence:	3,903,012
	b.	By residence:	3,899,589
	c.	To foreign residents:	3,423

PUERTO RICO, VIRGIN ISLANDS, AND GUAM DATA SET:

1.	Record count:	69,868

PUERTO RICO:

2.	Data counts:	ALL BIRTHS:	
	a.	By occurrence:	63,518
	b.	By residence:	63,425

VIRGIN ISLANDS:

1.	Record count:		
2.	Data counts:	ALL BIRTHS:	
	a.	By occurrence:	2,164
	b.	By residence:	2,063

GUAM:

1.	Record count:		
2.	Data counts:	ALL BIRTHS:	
	a.	By occurrence:	4,186
	b.	By residence:	4,179

1995
Detail Natality Record

Tape Location	Field Size	Item and Code Outline
1-4	4	**DATAYEAR** Year Birth of Child (Data Year) 1995 ... 1995
5	1	**RECTYPE** Record Type 1 ... Resident: State and county of occurrence and residence are the same. 2 ... Nonresident: State and/or county of occurrence and residence are different.
6	1	**RESTATUS** Resident Status United States occurrence 1 ... RESIDENTS: State and county of occurrence and residence are the same. 2 ... INTRASTATE NONRESIDENTS: State of occurrence and residence are the same, but county is different. 3 ... INTERSTATE NONRESIDENTS: State of occurrence and residence are different, but both are in the U.S. 4 ... FOREIGN RESIDENTS: State of occurrence is one of the 50 States or the District of Columbia, but place of residence of mother is outside of the U.S. Puerto Rico occurrence 1 ... RESIDENTS: State and county of occurrence and residence are the same. 2 ... INTRASTATE NONRESIDENTS: State of occurrence and residence are the same, but county is different. 4 ... FOREIGN RESIDENTS: Occurred in Puerto Rico to a resident of any other place.

Tape Location	Field Size	Item and Code Outline
6	1	**RESTATUS** **Resident Status (Cont'd)** **Virgin Islands occurrence** 1 ... RESIDENTS: State and county of occurrence and residence are the same. 2 ... INTRASTATE NONRESIDENTS: State of occurrence and residence are the same, but county is different. 4 ... FOREIGN RESIDENTS: Occurred in the Virgin Islands to a resident of any other place. **Guam occurrence** 1 ... RESIDENTS: Occurred in Guam to a resident of Guam or to a resident of the U.S. 4 ... FOREIGN RESIDENTS: Occurred in Guam to a resident of any place other than Guam or of the U.S.
7	1	**RECWT** **Record Weight** 1 ... Constant - as of the 1985 data year, this file contains data on a 100-percent basis from all reporting areas.
8	1	**PLDEL** **Place or Facility of Birth** 1 ... Hospital 2 ... Freestanding Birthing Center 3 ... Clinic or Doctor's Office 4 ... A Residence 5 ... Other 9 ... Unknown or Not Stated
9	1	**PLDEL3** **Place or Facility of Birth Recode** 1 ... In Hospital 2 ... Not in a Hospital 3 ... Unknown or Not Stated

Tape Location	Field Size	Item and Code Outline
10	1	**BIRATTND** **Attendant at Birth** 1 ... Doctor of Medicine (M.D.) 2 ... Doctor of Osteopathy (D.O.) 3 ... Certified Nurse Midwife (C.N.M.) 4 ... Other Midwife 5 ... Other 9 ... Unknown or Not Stated
11-26	16	**NOCCUR** **Place of Occurrence**
11-13	3	**RDSSCOCC** **Region, Division, and State Subcode of Occurrence**
11	1	**REGNOCC** **Region of Occurrence**
12	1	**DIVOCC** **Division of Occurrence**
13	1	**STSUBOCC** **State Subcode of Occurrence** States are coded within division and the code structure is designed to sequence the States as they appear in NCHS publications. 000 ... Not applicable: P.R., V.I., or Guam occurrence 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

1995
Detail Natality Record

Tape Location	Field Size	Item and Code Outline
13	1	STSUBOCC
		State Subcode of Occurrence (Cont'd)
		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
		4 ... WEST
		8 ... Mountain
		1 ... Montana
		2 ... Idaho
		3 ... Wyoming
		4 ... Colorado
		5 ... New Mexico
		6 ... Arizona
		7 ... Utah
		8 ... Nevada

Tape Location	Field Size	Item and Code Outline
13	1	**STSUBOCC** **State Subcode of Occurrence (Cont'd)** 9 ... Pacific 1 ... Washington 2 ... Oregon 3 ... California 4 ... Alaska 5 ... Hawaii
14-15	2	**STNATEXP** **Expanded State of Occurrence** This item is designed to separately identify New York city records from other New York State records. **United States** 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

Tape Location	Field Size	Item and Code Outline
14-15	2	**STNATEXP** **Expanded State of Occurrence (Cont'd)**

United States

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

Puerto Rico

53	...	Puerto Rico

Virgin Islands

54	...	Virgin Islands

Guam

55	...	Guam

16-17	2	**STATENAT** **State of Occurrence**

United States

01	...	Alabama
02	...	Alaska
03	...	Arizona
04	...	Arkansas
05	...	California

Tape Location	Item	Item and Code Outline
16-17	2	**STATENAT** **State of Occurrence (Cont'd)**

United States

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

Tape Location	Field Size	Item and Code Outline
16-17	2	**STATENAT** **State of Occurrence (Cont'd)** **United States** 48 ... Washington 49 ... West Virginia 50 ... Wisconsin 51 ... Wyoming **Puerto Rico** 52 ... Puerto Rico **Virgin Islands** 53 ... Virgin Islands **Guam** 54 ... Guam
18-20	3	**CNTYNAT** **County of Occurrence** 001-nnn ... Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State and identify each county with a population of 100,000 or more in 1990. (Note: To uniquely identify a county, both and State and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document. 999 ... County of less than 100,000 population
21-25	5	**FIPSOCC** **Federal Information Processing Standards (FIPS) Geographic Codes (Occurrence)** 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. **Some Geographic codes have changed to reflect the results of the 1990 Census.**

Tape Location	Field Size	Item and Code Outline
21-22	2	**STOCCFIP** **State of Occurrence (FIPS)**

United States

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

Tape Location	Field Size	Item and Code Outline
21-22	2	**STOCCFIP** **State of Occurrence (FIPS) (Cont'd)** **United States** 48 ... Texas 49 ... Utah 50 ... Vermont 51 ... Virginia 53 ... Washington 54 ... West Virginia 55 ... Wisconsin 56 ... Wyoming **Puerto Rico** 72 ... Puerto Rico **Virgin Islands** 78 ... Virgin Islands **Guam** 66 ... Guam
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 1990 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

Tape Location	Field Size	Item and Code Outline
27-58	32	**NRESID** **Place of Residence** Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes. **Some Geographic codes have changed to reflect the results of the 1990 Census.**
27-29	3	**RDSCRES** **Region, Division, and State Subcode of Residence**
27	1	**REGNRES** **Region of Residence**
28	1	**DIVRES** **Division of Residence**
29	1	**STSUBRES** **State Subcode of Residence** States are coded within Division and the code structure is designed to sequence the States as they appear in NCHS publications. **APPLICABLE TO U.S. ONLY** 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

Tape Location	Field Size	Item and Code Outline
29	1	**STSUBRES** **State Subcode of Residence (Cont'd)** **APPLICABLE TO U.S. ONLY** 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 4 ... WEST 8 ... Mountain 1 ... Montana 2 ... Idaho 3 ... Wyoming 4 ... Colorado 5 ... New Mexico 6 ... Arizona 7 ... Utah 8 ... Nevada

Tape Location	Field Size	Item and Code Outline
29	1	**STSUBRES** **State Subcode of Residence (Cont'd)** **APPLICABLE TO U.S. ONLY** 9 ... Pacific 1 ... Washington 2 ... Oregon 3 ... California 4 ... Alaska 5 ... Hawaii
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. **United States 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

Tape Location	Field Size	Item and Code Outline
30-31	2	**STRESEXP** **Expanded State of Residence (Cont'd)**

United States occurrence

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

Puerto Rico occurrence

53	...	Puerto Rico
01-52,54-58,60	...	Foreign residents: Refer to U.S. for specific code structure.

Tape Location	Field Size	Item and Code Outline
30-31	2	**STRESEXP** **Expanded State of Residence (Cont'd)**

Virgin Islands occurrence

54	...	Virgin Islands
01-53,55-58,60	...	Foreign residents: Refer to U.S. for specific code structure.

Guam occurrence

55	...	Guam
01-52	...	U.S. resident is also considered a resident of Guam.
53-58,60	...	Foreign residents: Refer to U.S. for specific code structure.

32-33	2	**STATERES** **State of Residence**

United States 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

Tape Location	Field Size	Item and Code Outline
32-33	2	**STATERES** **State of Residence (Cont'd)**

United States occurrence

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

Puerto Rico occurrence

52	...	Puerto Rico
01-51,53-57,59	...	Foreign Residents: Refer to U.S. for specific code structure.

Tape Location	Field Size	Item and Code Outline
32-33	2	**STATERES** **State of Residence (Cont'd)** **Virgin Islands occurrence** 53 ... Virgin Islands 01-52,54-57,59 ... Foreign Residents: Refer to U.S. for specific code structure. **Guam occurrence** 54 ... Guam 01-51 ... U.S. resident is also considered a resident of Guam. 52-57,59 ... Foreign Residents: Refer to U.S. for specific code structure.
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 and identify each county with a population of 100,000 or more in 1990. (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

Tape Location	Field Size	Item and Code Outline
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 1990. (Note: To uniquely identify a city, both the 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 1990 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 ... All other areas in the U.S. Z ... Foreign residents
41	1	**METRORES** **Metropolitan - Nonmetropolitan County of Residence** **NOTE:** GUAM AND THE VIRGIN ISLANDS DO NOT HAVE ANY METROPOLITAN AREAS 1 ... Metropolitan county 2 ... Nonmetropolitan county Z ... Foreign residents

Tape Location	Field Size	Item and Code Outline
42-57	16	**FIPSRES** **Federal Information Processing Standards (FIPS) Geographic Codes (Residence)** 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. **Some Geographic Codes have changed to reflect the results of the 1990 Census.**
42-43	2	**STRESFIP** **State of Residence (FIPS)** **United States occurrence** 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

Tape Location	Field Size	Item and Code Outline
42-43	2	**STRESFIP** **State of Residence (FIPS) (Cont'd)**

United States occurrence

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

Puerto Rico occurrence

00-56,66,78	...	Foreign Residents: Refer to U.S. for specific code structure
72	...	Puerto Rico

Virgin Islands occurrence

00-56,66,72	...	Foreign Residents: Refer to U.S. for specific code structure
78	...	Virgin Islands

Guam occurrence

00,72,78	...	Foreign Residents: Refer to U.S. for specific code structure
01-56	...	U.S. Resident is also considered a resident of Guam. Refer to U.S. for specific code structure
66	...	Guam

Tape Location	Field 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	**PLACEFIP** **Place (City) of Residence** A complete list of cities is shown in the Geographic code outline further back in this document. Effective with the 1994 data year, the FIPS place code has been added to the Mortality record. It identifies each city of 100,000 population or more in 1990. 00000 ... Foreign residents 00001-nnnnn ... Code range 99999 ... Balance of county; or city of less than 100,000 population
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. **All AREAS** 00 ... Not a CMSA **United States occurrence** 07 ... Boston-Worcester-Lawrence, MA-NH-ME CT, CMSA 14 ... Chicago-Gary-Kenosha, IL-IN-WI, CMSA 21 ... Cincinnati-Hamilton, OH-KY-IN, CMSA 28 ... Cleveland-Akron, OH, CMSA 31 ... Dallas-Fort Worth, TX, CMSA 34 ... Denver-Boulder-Greeley, CO, CMSA 35 ... Detroit-Ann Arbor-Flint, MI, CMSA

Tape Location	Field Size	Item and Code Outline
52-53	2	**CMSA** **CMSA of Residence (FIPS) (Cont'd)** 42 ... Houston-Galveston-Brazoria, TX, CMSA 49 ... Los Angeles-Riverside-Orange County, CA, CMSA 56 ... Miami-Fort Lauderdale, FL, CMSA 63 ... Milwaukee-Racine, WI, CMSA 70 ... New York-Northern New Jersey-Long Island, NY-NJ-CT-PA, CMSA 77 ... Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD, CMSA 79 ... Portland-Salem, OR-WA, CMSA 82 ... Sacramento-Yolo, CA, CMSA 84 ... San Francisco-Oakland-San Jose, CA, CMSA 91 ... Seattle-Tacoma-Bremerton, WA, CMSA 97 ... Washington-Baltimore, DC-MD-VA-WV, CMSA **Puerto Rico occurrence** 87 ... San Juan-Caguas-Arecibo,PR,CMSA
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 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

Tape Location	Field Size	Item and Code Outline
58	1	**CNTRSPOP** **Population Size of County of Residence** Based on the results of the 1990 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	**R1A** **Reserved Positions**

Tape Location	Field Size	Item and Code Outline
68	1	**MAGERFLG** **Reported Age of Mother Used Flag** This position is flagged whenever the mother's reported age is used. The reported age is used, if valid, when age could not be computed or when the computed age is outside the 10-49 code range. Blank ... Reported age is not used 1 ... Reported age is used
69	1	**MAGEIMP** **Age of Mother Imputation Flag** Blank ... Age is not imputed 1 ... Age is imputed
70-71	2	**DMAGE** **Age of Mother** This item is: a) computed using dates of birth of mother and of delivery; b) reported; or c) imputed. This is the age item used in NCHS publications. 10-49 ... Age in single years
72-73	2	**MAGE36** **Age of Mother Recode 36** 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

Tape Location	Field Size	Item and Code Outline
72-73	2	**MAGE36** **Age of Mother Recode 36 (Cont'd)** 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** **Age of Mother Recode 12** 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** **Age of Mother Recode 8** 1 ... Under 15 years 2 ... 15 - 19 years 3 ... 20 - 24 years 4 ... 25 - 29 years

Tape Location	Field Size	Item and Code Outline
76	1	**MAGE8** **Age of Mother Recode 8 (Cont'd)** 5 ... 30 - 34 years 6 ... 35 - 39 years 7 ... 40 - 44 years 8 ... 45 - 49 years
77	1	**ORMOTH** **Hispanic Origin of Mother** Hispanic origin is reported by all areas except Puerto Rico. 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** **Hispanic Origin and Race of Mother Recode** Hispanic origin is reported by all areas except Puerto Rico. 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** **Race of Mother Imputation Flag** Blank ... Race is not imputed 1 ... Unknown race is imputed 2 ... All other races, formerly code 09, is imputed

Tape Location	Field Size	Item and Code Outline
80-81	2	**MRACE** **Race of Mother**

United States occurrence

Beginning with 1992 data, some areas started reporting additional Asian or Pacific Islander codes for race. Codes 18-68 replace old code 08 for these areas. Code 78 replaces old code 08 for all other areas. For consistency with Census race code 09 (all other races) used prior to 1992 has been imputed.

01	...	White
02	...	Black
03	...	American Indian (includes Aleuts and Eskimos)
04	...	Chinese
05	...	Japanese
06	...	Hawaiian (includes part-Hawaiian)
07	...	Filipino
18	...	Asian Indian
28	...	Korean
38	...	Samoan
48	...	Vietnamese
58	...	Guamanian
68	...	Other Asian or Pacific Islander in areas reporting codes 18-58
78	...	Combined other Asian or Pacific Islander, includes codes 18-68 for areas that do not report them separately

Puerto Rico occurrence

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

Tape Location	Field Size	Item and Code Outline
80-81	2	**MRACE** **Race of Mother (Cont'd)** **Virgin Islands occurrence** 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 **Guam occurrence** 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 10 ... Guamanian
82	1	**MRACE3** **Race of Mother Recode** **For All Areas** 1 ... White 2 ... Races other than White or Black 3 ... Black
83-84	2	**DMEDUC** **Education of Mother** Effective with 1992 data, all areas report education. 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

Tape Location	Field Size	Item and Code Outline
83-84	2	**DMEDUC** **Education of Mother (Cont'd)** 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** 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** Marital status is not reported by all areas. See reporting flags. **United States/Virgin Island/Guam** 1 ... Married 2 ... Unmarried 9 ... Unknown or not stated **Puerto Rico** 1 ... Married 2 ... Unmarried parents living together 3 ... Unmarried parents not living together 9 ... Unknown or not stated

Tape Location	Field Size	Item and Code Outline
88-89	2	**MPLBIR** **Place of Birth of Mother**

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

Tape Location	Field Size	Item and Code Outline
88-89	2	**MPLBIR** **Place of Birth of Mother (Cont'd)** 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** **Place of Birth of Mother Recode** 1 ... Native born 2 ... Foreign born 3 ... Unknown or not stated
91-92	2	**DMAGERPT** **Reported Age of Mother** 10-49 ... Age in single years 99 ... Unknown or not stated
93	1	**ADEQUACY** **Adequacy Of Care Recode (Kessner Index)** 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

Tape Location	Field Size	Item and Code Outline
94-95	2	**NLBNL** **Number of Live Births, Now Living** Does not include this birth or adoptions. 00-30 ... Stated number of births 99 ... Unknown or not stated
96-97	2	**NLBND** **Number of Live Births, Now Dead** Does not include this birth or adoptions. 00-30 ... Stated number of births 99 ... Unknown or not stated
98-99	2	**NOTERM** **Number of Other Terminations** 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** **Detail Live Birth Order** 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
102	1	**LIVORD9** **Live Birth Order Recode** 1 ... First Child 2 ... Second Child 3 ... Third Child 4 ... Fourth Child 5 ... Fifth Child 6 ... Sixth Child

Tape Location	Field Size	Item and Code Outline
102	1	**LIVORD9** **Live Birth Order Recode (Cont'd)** 7 ... Seventh Child 8 ... Eighth Child and over 9 ... Unknown or not stated
103-104	2	**DTOTORD** **Detail Total Birth Order** Sum of live birth order and other terminations. If either item is unknown, this item is made unknown. 01-40 ... Total number of live births and other terminations 99 ... Unknown
105	1	**TOTORD9** **Total Birth Order Recode** 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
106-107	2	**MONPRE** **Detail Month of Pregnancy Prenatal Care Began** 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

Tape Location	Field Size	Item and Code Outline
108	1	**MPRE6** **Month Prenatal Care Began Recode 6** 1 ... 1st - 2nd month 2 ... 3rd month 3 ... 4th - 6th month 4 ... 7th - 9th month 5 ... No prenatal care 6 ... Unknown or not stated
109	1	**MPRE5** **Month Prenatal Care Began Recode 5** 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** **Total Number of Prenatal Visits** 00 ... No prenatal visits 01-48 ... Stated number of visits 49 ... 49 or more visits 99 ... Unknown or not stated
112-113	2	**NPREV12** **Number of Prenatal Visits Recode** 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

Tape Location	Field Size	Item and Code Outline
114-121	8	**LMPDATE** **Date Last Normal Menses Began**
114-115	2	**LMPMON** **Month Last Normal Menses Began** 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** **Day Last Normal Menses Began** 01-31 ... As applicable to month of LMP 99 ... Unknown or not stated day of LMP
118-121	4	**LMPYR** **Year Last Normal Menses Began** 1993 ... 1993 1995 ... 1995 9999 ... Unknown or not stated year of LMP
122-127	6	**R8** Reserved positions
128-130	3	**DISLLB** **Interval Since Last Live Birth** This item is computed from date of birth of this child and date of last live birth. 777 ... No previous live birth 000 ... Zero months (plural birth) 001-468 ... One to four hundred sixty-eight months 999 ... Unknown

Tape Location	Field Size	Item and Code Outline
131-132	2	**ISLLB10** **Interval Since Last Live Birth Recode** 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
133-137	5	**Imputed Birthweight** Created beginning with 1995 data
133	1	**BWIMP** **Imputed Birthweight Flag** Blank ... Birthweight is not imputed 1 ... Birthweight is imputed
134-137	4	**Imputed Birthweight**
138-152	15	**R2** **Reserved Positions**
153	1	**FAGERFLG** **Reported Age of Father Used Flag** 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. Blank ... Reported age is not used 1 ... Reported age is used

Tape Location	Field Size	Item and Code Outline
154-155	2	**DFAGE** **Age of Father** 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. 10-98 ... Age in single years 99 ... Unknown or not stated
156-157	2	**FAGE11** **Age of Father Recode** 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** **Hispanic Origin of Father** Hispanic origin of father is reported by all areas except Puerto Rico. 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

Tape Location	Field Size	Item and Code Outline
159	1	**ORRACEF** **Hispanic Origin and Race of Father Recode** Hispanic origin of father is reported by all areas except Puerto Rico. 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** **Race of Father** **United States occurrence** Beginning with 1992 data, some areas started reporting additional Asian or Pacific Islander codes for race. Codes 18-68 replace old code 08 for these areas. Code 78 replaces old code 08 for all other areas. For consistency with Census race code 09 (all other races) used prior to 1992 has been imputed. 01 ... White 02 ... Black 03 ... American Indian (includes Aleuts and Eskimos) 04 ... Chinese 05 ... Japanese 06 ... Hawaiian (includes part-Hawaiian) 07 ... Filipino 18 ... Asian Indian 28 ... Korean 38 ... Samoan 48 ... Vietnamese 58 ... Guamanian 68 ... Other Asian or Pacific Islander in areas reporting codes 18-58 78 ... Combined other Asian or Pacific Islander, includes codes 18-68 for areas that do not report them separately

Tape Location	Field Size	Item and Code Outline
160-161	2	**FRACE**
		Race of Father (Cont'd)
		Puerto Rico occurrence
		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
		Virgin Islands occurrence
		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
		Guam occurrence
		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
		10 ... Guamanian

Tape Location	Field Size	Item and Code Outline
162	1	**FRACE4** **Race of Father Recode** 1 ... White 2 ... Races other than White, Black, or unknown 3 ... Black 4 ... Unknown or not stated
163-165	3	**R2A** **Reserved positions** Item was dropped in 1995
166-167	2	**DFAGERPT** **Reported Age of Father** 10-98 ... Age in single years 99 ... Unknown or not stated
168	1	**FRACEIMP** **Race of Father Imputation Flag** (Unknown race of father is not imputed. However, the all other races code is changed to unknown.) Blank ... Race is not changed 3 ... All other races, formerly code 09, is changed to code 99
169	1	**R3** **Reserved Position**
170	1	**CDOBMIMP** **Month of Birth of Child Imputation Flag** Blank ... Month is not imputed 1 ... Month is imputed
171	1	**RB** **Reserved Position**

Tape Location	Field Size	Item and Code Outline
172-173	2	**BIRMON** **Month of Birth** 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** **Reserved Positions**
176-179	4	**BIRYR** **Year of Birth** 1995 ... 1995
180	1	**WEEKDAY** **Day of Week Child Born** 1 ... Sunday 2 ... Monday 3 ... Tuesday 4 ... Wednesday 5 ... Thursday 6 ... Friday 7 ... Saturday
181	1	**GESTESTM** **Clinical Estimate of Gestation Used Flag** 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

Tape Location	Field Size	Item and Code Outline
182	1	**GESTIMP** **Gestation Imputation Flag** Blank ... Gestation is not imputed 1 ... Gestation is imputed
183-184	2	**DGESTAT** **Gestation - Detail in Weeks** 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. 17-47 ... 17th through 47th week of gestation 99 ... Unknown
185-186	2	**GESTAT10** **Gestation Recode 10** 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
187	1	**GESTAT3** **Gestation Recode 3** 1 ... Under 37 weeks 2 ... 37 weeks and over 3 ... Not stated
188	1	**CSEXIMP** **Sex Imputation Flag** Blank ... Sex is not imputed 1 ... Sex is imputed

Tape Location	Field Size	Item and Code Outline
189	1	**CSEX** **Sex** 1 ... Male 2 ... Female
190-192	3	**RD** **Reserved Positions**
193-196	4	**DBIRWT** **Birth Weight - Detail in Grams** 0227-8165 ... Number of grams 9999 ... Not stated birth weight
197-198	2	**BIRWT12** **Birth Weight Recode 12** 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** **Birth Weight Recode 4** 1 ... 1499 grams or less 2 ... 1500 - 2499 grams 3 ... 2500 - grams or more 4 ... Unknown or not stated
200	1	**PLURIMP** **Plurality Imputation Flag** Blank ... Plurality is not imputed 1 ... Plurality is imputed

Tape Location	Field Size	Item and Code Outline
201	1	**DPLURAL** **Plurality** 1 ... Single 2 ... Twin 3 ... Triplet 4 ... Quadruplet 5 ... Quintuplet or higher
202-204	3	**R6** **Reserved positions** Item was dropped in 1995
205-206	2	**FMAPS** **Five Minute Apgar Score** Apgar Score is not reported by all areas. See reporting flags. 00-10 ... A score of 0-10 99 ... Unknown or not stated
207	1	**FMAPSR** **Five Minute Apgar Score Recode** Apgar Score is not reported by all areas. See reporting flags. 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
208-209	2	**CLINGEST** **Clinical Estimate of Gestation** Clinical estimate is not reported by all areas. See reporting flags. 17-47 ... Estimated gestation in weeks 99 ... Unknown or not stated

Tape Location	Field Size	Item and Code Outline
210-216	7	**R4** **Reserved Positions**
217-306	90	**MEDINFO** **Medical and Health Data** Some States do not report an entire item while other States do not report all of the categories within an item. If an item is not reported, it is indicated by code zero in the appropriate reporting flag. If a category within an item is not reported it is indicated by code 8 in the position for that category.
217-222	6	**DELMETH** **Method of Delivery** Each method is assigned a separate position, and the code structure for each method (position) is: 1 ... The method was used 2 ... The method was not used 8 ... Method not on certificate 9 ... Method unknown or not stated
217	1	**VAGINAL** **Vaginal**
218	1	**VBAC** **Vaginal birth after previous C-section**
219	1	**PRIMAC** **Primary C -section**
220	1	**REPEAC** **Repeat C -section**
221	1	**FORCEP** **Forceps**
222	1	**VACUUM** **Vacuum**

Tape Location	Field Size	Item and Code Outline
223	1	**R5** **Reserved Position**
224	1	**DELMETH5** **Method of Delivery Recode** 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
225-241	17	**MEDRISK** **Medical Risk Factors** Each risk factor is assigned a separate position, and the code structure for each risk factor (position) is: 1 ... Factor reported 2 ... Factor not reported 8 ... Factor not on certificate 9 ... Factor not classifiable
225	1	**ANEMIA** **Anemia (Hct.<30/Hgb.<10)**
226	1	**CARDIAC** **Cardiac disease**
227	1	**LUNG** **Acute or chronic lung disease**
228	1	**DIABETES** **Diabetes**
229	1	**HERPES** **Genital herpes**
230	1	**HYDRA** **Hydramnios/Oligohydramnios**

Tape Location	Field Size	Item and Code Outline
231	1	HEMO Hemoglobinopathy
232	1	CHYPER Hypertension, chronic
233	1	PHYPER Hypertension, pregnancy-associated
234	1	ECLAMP Eclampsia
235	1	INCERVIX Incompetent cervix
236	1	PRE4000 Previous infant 4000+ grams
237	1	PRETERM Previous preterm or small-for-gestational-age infant
238	1	RENAL Renal disease
239	1	RH Rh sensitization
240	1	UTERINE Uterine bleeding
241	1	OTHERMR Other Medical Risk Factors
242-252	11	OTHERRSK Other Risk Factors for this Pregnancy
242-245	4	TOBACRSK Tobacco Risks
242	1	TOBACCO Tobacco Use During Pregnancy 1 ... Yes 2 ... No 9 ... Unknown or not stated

Tape Location	Field Size	Item and Code Outline
243-244	2	**CIGAR** **Average Number of Cigarettes Per Day** 00-97 ... As stated 98 ... 98 or more cigarettes per day 99 ... Unknown or not stated
245	1	**CIGAR6** **Average Number of Cigarettes Per Day Recode** 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
246-249	4	**ALCOHRSK** **Alcohol**
246	1	**ALCOHOL** **Alcohol Use During Pregnancy** 1 ... Yes 2 ... No 9 ... Unknown or not stated
247-249	2	**DRINK** **Average Number of Drinks Per Week** 00-97 ... As stated 98 ... 98 or more drinks per week 99 ... Unknown or not stated
249	1	**DRINK5** **Average Number of Drinks Per Week Recode** 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

Tape Location	Field Size	Item and Code Outline
250-252	3	**WTGANRSK** **Weight Gain During Pregnancy**
250-251	2	**WTGAIN** **Weight Gain** 00-97 ... Stated number of pounds 98 ... 98 pounds or more 99 ... Unknown or not stated
252	1	**WTGAIN9** **Weight Gain Recode** 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
253-259	7	**OBSTETRC** **Obstetric Procedures** 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** **Amniocentesis**
254	1	**MONITOR** **Electronic fetal monitoring**
255	1	**INDUCT** **Induction of labor**
256	1	**STIMULA** **Stimulation of labor**

Tape Location	Field Size	Item and Code Outline
257	1	**TOCOL** Tocolysis
258	1	**ULTRAS** Ultrasound
259	1	**OTHEROB** Other Obstetric Procedures
260-275	16	**LABOR** Complications of Labor and/or Delivery 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** Febrile (>100 degrees F. or 38 degrees C.)
261	1	**MECONIUM** Meconium, moderate/heavy
262	1	**RUPTURE** Premature rupture of membrane (>12 hours)
263	1	**ABRUPTIO** Abruptio placenta
264	1	**PREPLACE** Placenta previa
265	1	**EXCEBLD** Other excessive bleeding
266	1	**SEIZURE** Seizures during labor
267	1	**PRECIP** Precipitous labor (<3 hours)

Tape Location	Field Size	Item and Code Outline
268	1	PROLONG Prolonged labor (>20 hours)
269	1	DYSFUNC Dysfunctional labor
270	1	BREECH Breech/Malpresentation
271	1	CEPHALO Cephalopelvic disproportion
272	1	CORD Cord prolapse
273	1	ANESTHE Anesthetic complications
274	1	DISTRESS Fetal distress
275	1	OTHERLB Other Complication of Labor and/or Delivery
276-284	9	NEWBORN Abnormal Conditions of the Newborn Each condition is assigned a separate position, and the code structure for each condition (position) is: 1 ... Condition reported 2 ... Condition not reported 8 ... Condition not on certificate 9 ... Condition not classifiable
276	1	NANEMIA Anemia (Hct.<39/Hgb.<13)
277	1	INJURY Birth injury
278	1	ALCOSYN Fetal alcohol syndrome
279	1	HYALINE Hyaline membrane disease

Tape Location	Field Size	Item and Code Outline
280	1	**MECONSYN** Meconium aspiration syndrome
281	1	**VENL30** Assisted ventilation, less than 30 minutes
282	1	**VEN30M** Assisted ventilation, 30 minutes or more
283	1	**NSEIZ** Seizures
284	1	**OTHERAB** Other Abnormal Conditions of the Newborn
285-306	22	**CONGENIT** Congenital Anomalies 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** Anencephalus
286	1	**SPINA** Spina bifida/Meningocele
287	1	**HYDRO** Hydrocephalus
288	1	**MICROCE** Microcephalus
289	1	**NERVOUS** Other central nervous system anomalies
290	1	**HEART** Heart malformations
291	1	**CIRCUL** Other circulatory/respiratory anomalies

1995
Detail Natality Record

Tape Location	Field Size	Item and Code Outline
292	1	RECTAL Rectal atresia/stenosis
293	1	TRACHEO Tracheo - esophageal fistula/Esophageal atresia
294	1	OMPHALO Omphalocele/Gastroschisis
295	1	GASTRO Other gastrointestinal anomalies
296	1	GENITAL Malformed genitalia
297	1	RENALAGE Renal agenesis
298	1	UROGEN Other urogenital anomalies
299	1	CLEFTLP Cleft lip/palate
300	1	ADACTYLY Polydactyly/Syndactyly/Adactyly
301	1	CLUBFOOT Club foot
302	1	HERNIA Diaphragmatic hernia
303	1	MUSCULO Other musculoskeletal/integumental anomalies
304	1	DOWNS Down's syndrome
305	1	CHROMO Other chromosomal anomalies
306	1	OTHERCON Other Congenital Anomalies

Tape Location	Field Size	Item and Code Outline
307-326	20	**FLRES** **Reporting Flags for Place of Residence** 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** **Origin of mother**
308	1	**ORIGF** **Origin of father**
309	1	**EDUCM** **Education of mother**
310	1	**EDUCF** **Education of father**
311	1	**GESTE** **Clinical estimate of gestation**
312	1	**R6A** **Reserved position**
313	1	**FMAPSRF** **5 - minute Apgar score**
314	1	**DELMETRF** **Method of delivery**
315	1	**MEDRSK** **Medical risk factors**
316	1	**TOBUSE** **Tobacco use**
317	1	**ALCUSE** **Alcohol use**

Tape Location	Field Size	Item and Code Outline
318	1	**WTGN** **Weight gain**
319	1	**OBSTRC** **Obstetric procedures**
320	1	**CLABOR** **Complications of labor and/or delivery**
321	1	**ABNML** **Abnormal conditions of newborn**
322	1	**CONGAN** **Congenital anomalies**
323	1	**R6** **Reserved Position**
324	1	**EDUCSMSA** **Education of Mother (Based on MSA)**
325	1	**APIFLAG** **Race codes 18-68 reported (beginning with 1992 data)**
326-346	21	**R7** **Reserved positions**
347-349	3	**SMSARES** **PSMA/MSA of Residence (NCHS)**

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

Tape Location	Field Size	Item and Code Outline
350	1	**POPSMAS** **PMSA/MSA Population Size** 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

Vital Statistics Geographic Code Outline for the United States

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 1994 data year and are based on the 1990 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.

P/MSA: Primary metropolitan statistical areas and 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 P/MSA's. Nonmetropolitan counties (code 2) are not part of any P/MSA.

City or place: Cities/places are numbered alphabetically within each State and identify each city with a population of 10,000 or more in 1990.

P/S: Population size code for city of residence based on the 1990 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/places are numbered within State, the State and county or the State and city/places 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 NCHS: 03 014; FIPS: 04 025.

Tupelo, Mississippi - State and city/place codes NCHS: 25 032; FIPS: 28 74840; or State, county, city/place codes NCHS: 25 041 032; FIPS: 28 081 74840.

Effective With 1994 Data

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
01						Alabama	01				
	001	188	1			Autauga		001	5	5240	
				035	6	Prattville, part					62328
				999	9	Balance of county					99999
	002	184	1			Baldwin		003	4	5160	
				010	6	Daphne					19648
				999	9	Balance of county					99999
	003	000	2			Barbour		005	5	0000	
				014	6	Eufaula					24568
				999	9	Balance of county					99999
	004	000	2	999	9	Bibb		007	6	0000	
	005	032	1	999	9	Blount		009	5	1000	
	006	000	2	999	9	Bullock		011	6	0000	
	007	000	2	999	9	Butler		013	6	0000	
	008	012	1			Calhoun		015	3	0450	
				004	5	Anniston					01852
				024	6	Jacksonville					38272
				999	9	Balance of county					99999
	009	000	2	999	9	Chambers		017	5	0000	
	010	000	2	999	9	Cherokee		019	6	0000	
	011	000	2	999	9	Chilton		021	5	0000	
	012	000	2	999	9	Choctaw		023	6	0000	
	013	000	2	999	9	Clarke		025	5	0000	
	014	000	2	999	9	Clay		027	6	0000	
	015	000	2	999	9	Cleburne		029	6	0000	
	016	000	2			Coffee		031	5	0000	
				013	6	Enterprise, part					24184
				999	9	Balance of county					99999
	017	094	1			Colbert		033	4	2650	
				040	6	Sheffield					69648
				999	9	Balance of county					99999
	018	000	2	999	9	Conecuh		035	6	0000	
	019	000	2	999	9	Coosa		037	6	0000	
	020	000	2	999	9	Covington		039	5	0000	
	021	000	2	999	9	Crenshaw		041	6	0000	
	022	000	2			Cullman		043	4	0000	
				009	6	Cullman					18976
				999	9	Balance of county					99999
	023	077	1			Dale		045	5	2180	
				012	4	Dothan, part					21184
				013	6	Enterprise, part					24184
				033	6	Ozark					57648
				999	9	Balance of county					99999
	024	000	2			Dallas		047	5	0000	
				039	6	Selma					69120
				999	9	Balance of county					99999
	025	000	2			De Kalb		049	4	0000	
				017	6	Fort Payne					27616
				999	9	Balance of county					99999
	026	188	1			Elmore		051	5	5240	
				035	6	Prattville, part					62328
				999	9	Balance of county					99999
	027	000	2	999	9	Escambia		053	5	0000	
	028	105	1			Etowah		055	4	2880	
				018	5	Gadsden					28696
				999	9	Balance of county					99999
	029	000	2	999	9	Fayette		057	6	0000	
	030	000	2	999	9	Franklin		059	5	0000	
	031	000	2	999	9	Geneva		061	6	0000	
	032	000	2	999	9	Greene		063	6	0000	
	033	000	2	999	9	Hale		065	6	0000	
	034	000	2	999	9	Henry		067	6	0000	
	035	077	1			Houston		069	4	2180	
				012	4	Dothan, part					21184
				999	9	Balance of county					99999
	036	000	2			Jackson		071	5	0000	
				038	6	Scottsboro					68736
				999	9	Balance of county					99999
	037	032	1			Jefferson		073	1	1000	
				007	5	Bessemer					05980
				008	2	Birmingham, part					07000
				015	6	Fairfield					25120
				020	6	Homewood					35800
				021	5	Hoover, part					35896
				022	6	Hueytown					36448

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
01						Alabama	01				
	037					Jefferson, con.		073	1	1000	
				026	6	Leeds, part					41968
				030	6	Mountain Brook					51696
				046	6	Vestavia Hills					78552
				999	9	Balance of county					99999
	038	000	2	999	9	Lamar		075	6	0000	
	039	094	1			Lauderdale		077	4	2650	
				016	5	Florence					26896
				999	9	Balance of county					99999
	040	072	1	999	9	Lawrence		079	5	2030	
	041	000	2			Lee		081	4	0000	
				006	5	Auburn					03076
				032	6	Opelika					57048
				034	6	Phenix City, part					59472
				999	9	Balance of county					99999
	042	129	1			Limestone		083	4	3440	
				005	6	Athens					02956
				011	5	Decatur, part					20104
				023	3	Huntsville, part					37000
				027	6	Madison, part					45784
				999	9	Balance of county					99999
	043	000	2	999	9	Lowndes		085	6	0000	
	044	000	2			Macon		087	6	0000	
				045	6	Tuskegee					77304
				999	9	Balance of county					99999
	045	129	1			Madison		089	3	3440	
				023	3	Huntsville, part					37000
				027	6	Madison, part					45784
				999	9	Balance of county					99999
	046	000	2	999	9	Marengo		091	6	0000	
	047	000	2	999	9	Marion		093	5	0000	
	048	000	2			Marshall		095	4	0000	
				002	6	Albertville					00988
				999	9	Balance of county					99999
	049	184	1			Mobile		097	2	5160	
				028	3	Mobile					50000
				036	5	Prichard					62496
				037	6	Saraland					68160
				999	9	Balance of county					99999
	050	000	2	999	9	Monroe		099	6	0000	
	051	188	1			Montgomery		101	3	5240	
				029	3	Montgomery					51000
				999	9	Balance of county					99999
	052	072	1			Morgan		103	3	2030	
				011	5	Decatur, part					20104
				019	6	Hartselle					33448
				999	9	Balance of county					99999
	053	000	2	999	9	Perry		105	6	0000	
	054	000	2	999	9	Pickens		107	6	0000	
	055	000	2			Pike		109	5	0000	
				043	6	Troy					76920
				999	9	Balance of county					99999
	056	000	2	999	9	Randolph		111	6	0000	
	057	063	1			Russell		113	5	1800	
				034	6	Phenix City, part					59472
				999	9	Balance of county					99999
	058	032	1			St. Clair		115	4	1000	
				026	6	Leeds, part					41968
				999	9	Balance of county					99999
	059	032	1			Shelby		117	4	1000	
				001	6	Alabaster					00820
				008	2	Birmingham, part					07000
				021	5	Hoover, part					35896
				026	6	Leeds, part					41968
				999	9	Balance of county					99999
	060	000	2	999	9	Sumter		119	6	0000	
	061	000	2			Talladega		121	4	0000	
				041	6	Sylacauga					74352
				042	6	Talladega					74592
				999	9	Balance of county					99999
	062	000	2			Tallapoosa		123	5	0000	
				003	6	Alexander City					01132
				999	9	Balance of county					99999
	063	287	1			Tuscaloosa		125	3	8600	
				031	6	Northport					55200

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St Cnty	P/S	P/MSA	Place
01						Alabama	01			
	063					Tuscaloosa, con.	125	3	8600	
				044	4	Tuscaloosa				77256
				999	9	Balance of county				99999
	064	000	2			Walker	127	4	0000	
				025	6	Jasper				38416
				999	9	Balance of county				99999
	065	000	2	999	9	Washington	129	6	0000	
	066	000	2	999	9	Wilcox	131	6	0000	
	067	000	2	999	9	Winston	133	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
02						Alaska	02				
	001	000	2	999	9	Aleutians East		013	6	0000	
	002	000	2	999	9	Aleutians West		016	6	0000	
	003	010	1	001	3	Anchorage, coext. with Anchorage city		020	3	0380	03000
	004	000	2	999	9	Bethel		050	6	0000	
	005	000	2	999	9	Bristol Bay		060	6	0000	
	006	000	2	999	9	Dillingham		070	6	0000	
	007	000	2			Fairbanks North Star		090	4	0000	
				002	5	Fairbanks					24230
				999	9	Balance of area					99999
	008	000	2	999	9	Haines		100	6	0000	
	009	000	2	003	5	Juneau, coext. with Juneau city		110	5	0000	36400
	010	000	2	999	9	Kenai Peninsula		122	5	0000	
	011	000	2	999	9	Ketchikan Gateway		130	6	0000	
	012	000	2	999	9	Kodiak Island		150	6	0000	
	013	000	2	999	9	Lake and Peninsula		164	6	0000	
	014	000	2	999	9	Matanuska-Susitna		170	5	0000	
	015	000	2	999	9	Nome		180	6	0000	
	016	000	2	999	9	North Slope		185	6	0000	
	017	000	2	999	9	Northwest Arctic		188	6	0000	
	018	000	2	999	9	Prince of Wales-Outer Ketchikan		201	6	0000	
	019	000	2	999	9	Sitka		220	6	0000	
	020	000	2	999	9	Skagway-Hoonah-Angoon		232	6	0000	
	021	000	2	999	9	Southeast Fairbanks		240	6	0000	
	022	000	2	999	9	Valdez-Cordova		261	6	0000	
	023	000	2	999	9	Wade Hampton		270	6	0000	
	024	000	2	999	9	Wrangell-Petersburg		280	6	0000	
	025	000	2	999	9	Yakutat		282	6	0000	
	026	000	2	999	9	Yukon-Koyukuk		290	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
03						Arizona	04				
	001	000	2	999	9	Apache		001	4	0000	
	002	000	2			Cochise		003	4	0000	
				006	6	Douglas					20050
				020	5	Sierra Vista					66820
				999	9	Balance of county					99999
	003	000	2			Coconino		005	4	0000	
				007	5	Flagstaff					23620
				999	9	Balance of county					99999
	004	000	2	999	9	Gila		007	5	0000	
	005	000	2	999	9	Graham		009	5	0000	
	006	000	2	999	9	Greenlee		011	6	0000	
	007	000	2	999	9	La Paz		012	6	0000	
	008	215	1			Maricopa		013	0	6200	
				001	6	Apache Junction, part					02830
				002	6	Avondale					04720
				005	4	Chandler					12000
				008	6	Fountain Hills					25300
				009	5	Gilbert					27400
				010	3	Glendale					27820
				013	2	Mesa					46000
				015	6	Paradise Valley					52930
				016	4	Peoria					54050
				017	1	Phoenix					55000
				019	3	Scottsdale					65000
				021	3	Tempe					73000
				999	9	Balance of county					99999
	009	159	1			Mohave		015	4	4120	
				003	6	Bullhead City					08255
				011	6	Kingman					37620
				012	6	Lake Havasu City					39370
				999	9	Balance of county					99999
	010	000	2	999	9	Navajo		017	4	0000	
	011	285	1			Pima		019	1	8520	
				022	2	Tucson					77000
				999	9	Balance of county					99999
	012	215	1			Pinal		021	3	6200	
				001	6	Apache Junction, part					02830
				004	6	Casa Grande					10530
				999	9	Balance of county					99999
	013	000	2			Santa Cruz		023	5	0000	
				014	6	Nogales					49640
				999	9	Balance of county					99999
	014	000	2			Yavapai		025	3	0000	
				018	5	Prescott					57380
				999	9	Balance of county					99999
	015	311	1			Yuma		027	3	9360	
				023	4	Yuma					85540
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
04						Arkansas	05				
	001	000	2			Arkansas		001	6	0000	
				024	6	Stuttgart					67490
				999	9	Balance of county					99999
	002	000	2	999	9	Ashley		003	6	0000	
	003	000	2	999	9	Baxter		005	5	0000	
	004	092	1			Benton		007	4	2580	
				003	6	Bentonville					05320
				019	6	Rogers					60410
				023	5	Springdale, part					66080
				999	9	Balance of county					99999
	005	000	2	999	9	Boone		009	5	0000	
	006	000	2	999	9	Bradley		011	6	0000	
	007	000	2	999	9	Calhoun		013	6	0000	
	008	000	2	999	9	Carroll		015	6	0000	
	009	000	2	999	9	Chicot		017	6	0000	
	010	000	2			Clark		019	6	0000	
				001	6	Arkadelphia					01870
				999	9	Balance of county					99999
	011	000	2	999	9	Clay		021	6	0000	
	012	000	2	999	9	Cleburne		023	6	0000	
	013	000	2	999	9	Cleveland		025	6	0000	
	014	000	2			Columbia		027	5	0000	
				015	6	Magnolia					43460
				999	9	Balance of county					99999
	015	000	2	999	9	Conway		029	6	0000	
	016	000	2			Craighead		031	4	0000	
				013	5	Jonesboro					35710
				999	9	Balance of county					99999
	017	100	1			Crawford		033	5	2720	
				026	6	Van Buren					71480
				999	9	Balance of county					99999
	018	178	1			Crittenden		035	5	4920	
				028	5	West Memphis					74540
				999	9	Balance of county					99999
	019	000	2	999	9	Cross		037	6	0000	
	020	000	2	999	9	Dallas		039	6	0000	
	021	000	2	999	9	Desha		041	6	0000	
	022	000	2	999	9	Drew		043	6	0000	
	023	166	1			Faulkner		045	4	4400	
				006	5	Conway					15190
				999	9	Balance of county					99999
	024	000	2	999	9	Franklin		047	6	0000	
	025	000	2	999	9	Fulton		049	6	0000	
	026	000	2			Garland		051	4	0000	
				011	5	Hot Springs					33460
				999	9	Balance of county					99999
	027	000	2	999	9	Grant		053	6	0000	
	028	000	2			Greene		055	5	0000	
				017	6	Paragould					53390
				999	9	Balance of county					99999
	029	000	2	999	9	Hempstead		057	6	0000	
	030	000	2	999	9	Hot Spring		059	5	0000	
	031	000	2	999	9	Howard		061	6	0000	
	032	000	2	999	9	Independence		063	5	0000	
	033	000	2	999	9	Izard		065	6	0000	
	034	000	2	999	9	Jackson		067	6	0000	
	035	216	1			Jefferson		069	4	6240	
				018	4	Pine Bluff					55310
				999	9	Balance of county					99999
	036	000	2	999	9	Johnson		071	6	0000	
	037	000	2	999	9	Lafayette		073	6	0000	
	038	000	2	999	9	Lawrence		075	6	0000	
	039	000	2	999	9	Lee		077	6	0000	
	040	000	2	999	9	Lincoln		079	6	0000	
	041	000	2	999	9	Little River		081	6	0000	
	042	000	2	999	9	Logan		083	6	0000	
	043	166	1	999	9	Lonoke		085	5	4400	
	044	000	2	999	9	Madison		087	6	0000	
	045	000	2	999	9	Marion		089	6	0000	
	046	281	1			Miller		091	5	8360	
				025	6	Texarkana					68810
				999	9	Balance of county					99999
	047	000	2			Mississippi		093	4	0000	
				004	6	Blytheville					07330

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
04						Arkansas	05				
	047					Mississippi, con.		093	4	0000	
				999	9	Balance of county					99999
	048	000	2	999	9	Monroe		095	6	0000	
	049	000	2	999	9	Montgomery		097	6	0000	
	050	000	2	999	9	Nevada		099	6	0000	
	051	000	2	999	9	Newton		101	6	0000	
	052	000	2			Ouachita		103	5	0000	
				005	6	Camden					10720
				999	9	Balance of county					99999
	053	000	2	999	9	Perry		105	6	0000	
	054	000	2			Phillips		107	5	0000	
				027	6	West Helena					74450
				999	9	Balance of county					99999
	055	000	2	999	9	Pike		109	6	0000	
	056	000	2	999	9	Poinsett		111	6	0000	
	057	000	2	999	9	Polk		113	6	0000	
	058	000	2			Pope		115	5	0000	
				020	6	Russellville					61670
				999	9	Balance of county					99999
	059	000	2	999	9	Prairie		117	6	0000	
	060	166	1			Pulaski		119	2	4400	
				012	5	Jacksonville					34750
				014	3	Little Rock					41000
				016	4	North Little Rock					50450
				022	6	Sherwood					63800
				999	9	Balance of county					99999
	061	000	2	999	9	Randolph		121	6	0000	
	062	000	2			St. Francis		123	5	0000	
				009	6	Forrest City					24430
				999	9	Balance of county					99999
	063	166	1			Saline		125	4	4400	
				002	6	Benton					05290
				999	9	Balance of county					99999
	064	000	2	999	9	Scott		127	6	0000	
	065	000	2	999	9	Searcy		129	6	0000	
	066	100	1			Sebastian		131	4	2720	
				010	4	Fort Smith					24550
				999	9	Balance of county					99999
	067	000	2	999	9	Sevier		133	6	0000	
	068	000	2	999	9	Sharp		135	6	0000	
	069	000	2	999	9	Stone		137	6	0000	
	070	000	2			Union		139	5	0000	
				007	6	El Dorado					21070
				999	9	Balance of county					99999
	071	000	2	999	9	Van Buren		141	6	0000	
	072	092	1			Washington		143	3	2580	
				008	5	Fayetteville					23290
				023	5	Springdale, part					66080
				999	9	Balance of county					99999
	073	000	2			White		145	4	0000	
				021	6	Searcy					63020
				999	9	Balance of county					99999
	074	000	2	999	9	Woodruff		147	6	0000	
	075	000	2	999	9	Yell		149	6	0000	

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
05						California	06				
	001	201	1			Alameda		001	0	5775	
				002	4	Alameda					00562
				003	6	Albany					00674
				025	3	Berkeley					06000
				073	6	Dublin					20018
				090	3	Fremont					26000
				103	3	Hayward					33000
				135	4	Livermore					41992
				173	5	Newark					50916
				179	2	Oakland					53000
				199	6	Piedmont					56938
				204	4	Pleasanton					57792
				242	4	San Leandro					68084
				287	4	Union City					81204
				999	9	Balance of county					99999
	002	000	2	999	9	Alpine		003	6	0000	
	003	000	2	999	9	Amador		005	5	0000	
	004	056	1			Butte		007	3	1620	
				042	5	Chico					13014
				184	6	Oroville					54386
				193	5	Paradise					55520
				999	9	Balance of county					99999
	005	000	2	999	9	Calaveras		009	5	0000	
	006	000	2	999	9	Colusa		011	6	0000	
	007	201	1			Contra Costa		013	1	5775	
				006	4	Antioch					02252
				052	3	Concord					16000
				064	5	Danville					17988
				077	6	El Cerrito					21796
				105	6	Hercules					33308
				118	6	Lafayette					39122
				151	5	Martinez					46114
				167	6	Moraga Town					49194
				183	6	Orinda					54232
				200	6	Pinole					57288
				201	5	Pittsburg					57456
				203	5	Pleasant Hill					57764
				218	4	Richmond					60620
				247	5	San Pablo					68294
				249	5	San Ramon					68378
				295	4	Walnut Creek					83346
				999	9	Balance of county					99999
	008	000	2	999	9	Del Norte		015	6	0000	
	009	239	1			El Dorado		017	3	6920	
				270	6	South Lake Tahoe					73108
				999	9	Balance of county					99999
	010	104	1			Fresno		019	1	2840	
				047	4	Clovis					14218
				091	2	Fresno					27000
				216	6	Reedley					60242
				238	6	Sanger					67056
				264	6	Selma					70882
				999	9	Balance of county					99999
	011	000	2	999	9	Glenn		021	6	0000	
	012	000	2			Humboldt		023	3	0000	
				009	6	Arcata					02476
				083	5	Eureka					23042
				999	9	Balance of county					99999
	013	000	2			Imperial		025	3	0000	
				027	6	Brawley					08058
				032	6	Calexico					09710
				076	5	El Centro					21782
				999	9	Balance of county					99999
	014	000	2	999	9	Inyo		027	6	0000	
	015	020	1			Kern		029	1	0680	
				016	3	Bakersfield					03526
				066	6	Delano					18394
				219	5	Ridgecrest					60704
				296	6	Wasco					83542
				999	9	Balance of county					99999
	016	000	2			Kings		031	3	0000	
				053	6	Corcoran					16224
				100	5	Hanford					31960
				134	6	Lemoore					41152

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
05						California	06				
	016					Kings, con.		031	3	0000	
				999	9	Balance of county					99999
	017	000	2			Lake		033	4	0000	
				046	6	Clearlake					13945
				999	9	Balance of county					99999
	018	000	2	999	9	Lassen		035	5	0000	
	019	168	1			Los Angeles		037	0	4480	
				001	6	Agoura Hills					00394
				004	4	Alhambra					00884
				008	5	Arcadia					02462
				011	6	Artesia					02896
				015	5	Azusa					03386
				017	4	Baldwin Park					03666
				020	5	Bell					04870
				021	4	Bellflower					04982
				022	5	Bell Gardens					04996
				026	5	Beverly Hills					06308
				030	4	Burbank					08954
				038	4	Carson					11530
				041	4	Cerritos					12552
				045	5	Claremont					13756
				050	6	Commerce					14974
				051	4	Compton					15044
				057	5	Covina					16742
				058	6	Cudahy					17498
				059	5	Culver City					17568
				068	4	Diamond Bar					19192
				071	4	Downey					19766
				072	6	Duarte					19990
				078	3	El Monte					22230
				080	6	El Segundo					22412
				093	5	Gardena					28168
				096	3	Glendale					30000
				097	5	Glendora					30014
				101	6	Hawaiian Gardens					32506
				102	4	Hawthorne					32548
				106	6	Hermosa Beach					33364
				112	4	Huntington Park					36056
				115	3	Inglewood					36546
				117	6	La Canada Flintridge					39003
				123	4	Lakewood					39892
				125	5	La Mirada					40032
				126	4	Lancaster					40130
				128	5	La Puente					40340
				131	5	La Verne					40830
				132	5	Lawndale					40886
				138	6	Lomita					42468
				140	2	Long Beach					43000
				143	0	Los Angeles					44000
				146	4	Lynwood					44574
				148	5	Manhattan Beach					45400
				153	5	Maywood					46492
				161	5	Monrovia					48648
				163	4	Montebello					48816
				165	4	Monterey Park					48914
				176	4	Norwalk					52526
				188	4	Palmdale					55156
				192	6	Palos Verdes Estates					55380
				194	5	Paramount					55618
				195	3	Pasadena					56000
				198	4	Pico Rivera					56924
				205	3	Pomona					58072
				210	5	Rancho Palos Verdes					59514
				214	4	Redondo Beach					60018
				223	4	Rosemead					62896
				234	5	San Dimas					66070
				235	6	San Fernando					66140
				237	5	San Gabriel					67042
				245	6	San Marino					68224
				253	3	Santa Clarita					69088
				255	6	Santa Fe Springs					69154
				257	4	Santa Monica					70000
				265	6	Sierra Madre					71806
				268	6	South El Monte					72996

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty P/S	P/MSA Place
05						California	06		
	019					Los Angeles, con.		037 0	4480
				269	4	South Gate			73080
				271	6	South Pasadena			73220
				278	5	Temple City			78148
				280	3	Torrance			80000
				294	5	Walnut			83332
				298	4	West Covina			84200
				299	5	West Hollywood			84410
				302	4	Whittier			85292
				999	9	Balance of county			99999
	020	104	1			Madera		039 4	2840
				147	5	Madera			45022
				999	9	Balance of county			99999
	021	250	1			Marin		041 3	7360
				130	6	Larkspur			40438
				157	6	Mill Valley			47710
				177	5	Novato			52582
				227	6	San Anselmo			64434
				248	5	San Rafael			68364
				999	9	Balance of county			99999
	022	000	2	999	9	Mariposa		043 6	0000
	023	000	2			Mendocino		045 4	0000
				286	6	Ukiah			81134
				999	9	Balance of county			99999
	024	179	1			Merced		047 3	4940
				013	6	Atwater			03162
				144	6	Los Banos			44028
				155	4	Merced			46898
				999	9	Balance of county			99999
	025	000	2	999	9	Modoc		049 6	0000
	026	000	2	999	9	Mono		051 6	0000
	027	245	1			Monterey		053 2	7120
				150	5	Marina			45778
				164	5	Monterey			48872
				187	6	Pacific Grove			54848
				226	3	Salinas			64224
				263	5	Seaside			70742
				999	9	Balance of county			99999
	028	290	1			Napa		055 3	8720
				171	4	Napa			50258
				999	9	Balance of county			99999
	029	000	2	999	9	Nevada		057 4	0000
	030	207	1			Orange		059 0	5945
				005	2	Anaheim			02000
				028	5	Brea			08100
				029	4	Buena Park			08786
				056	4	Costa Mesa			16532
				061	5	Cypress			17750
				063	5	Dana Point			17946
				089	4	Fountain Valley			25380
				092	3	Fullerton			28000
				094	3	Garden Grove			29000
				111	3	Huntington Beach			36000
				116	3	Irvine			36770
				119	6	Laguna Beach			39178
				120	5	Laguna Niguel			39248
				121	4	La Habra			39290
				127	6	La Palma			40256
				141	6	Los Alamitos			43224
				159	4	Mission Viejo			48256
				174	4	Newport Beach			51182
				182	3	Orange			53980
				202	5	Placentia			57526
				232	5	San Clemente			65084
				241	5	San Juan Capistrano			68028
				250	2	Santa Ana			69000
				262	5	Seal Beach			70686
				273	5	Stanton			73962
				284	4	Tustin			80854
				300	4	Westminster			84550
				304	4	Yorba Linda			86832
				999	9	Balance of county			99999
	031	239	1			Placer		061 3	6920
				014	6	Auburn			03204

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
05						California	06				
	031					Placer, con.		061	3	6920	
				221	6	Rocklin					62364
				224	5	Roseville					62938
				999	9	Balance of county					99999
	032	000	2	999	9	Plumas		063	6	0000	
	033	233	1			Riverside		065	0	6780	
				018	6	Banning					03820
				039	5	Cathedral City					12048
				048	6	Coachella					14260
				054	4	Corona					16350
				067	6	Desert Hot Springs					18996
				104	5	Hemet					33182
				114	5	Indio					36448
				122	6	Lake Elsinore					39486
				129	6	La Quinta					40354
				168	3	Moreno Valley					49270
				175	6	Norco					51560
				189	6	Palm Desert					55184
				190	5	Palm Springs					55254
				196	6	Perris					56700
				220	3	Riverside					62000
				239	6	San Jacinto					67112
				277	5	Temecula					78120
				999	9	Balance of county					99999
	034	239	1			Sacramento		067	0	6920	
				086	5	Folsom					24638
				225	2	Sacramento					64000
				999	9	Balance of county					99999
	035	000	2			San Benito		069	5	0000	
				110	6	Hollister					34120
				999	9	Balance of county					99999
	036	233	1			San Bernardino		071	0	6780	
				007	5	Apple Valley					02364
				019	6	Barstow					04030
				043	4	Chino					13210
				049	5	Colton					14890
				087	4	Fontana					24680
				098	6	Grand Terrace					30658
				107	4	Hesperia					33434
				108	5	Highland					33588
				137	6	Loma Linda					42370
				162	5	Montclair					48788
				181	3	Ontario					53896
				209	3	Rancho Cucamonga					59451
				213	4	Redlands					59962
				217	4	Rialto					60466
				228	3	San Bernardino					65000
				285	6	Twentynine Palms					80994
				288	4	Upland					81344
				291	5	Victorville					82590
				306	5	Yucaipa					87042
				999	9	Balance of county					99999
	037	249	1			San Diego		073	0	7320	
				036	4	Carlsbad					11194
				044	3	Chula Vista					13392
				055	5	Coronado					16378
				075	4	El Cajon					21712
				081	4	Encinitas					22678
				082	3	Escondido					22804
				113	5	Imperial Beach					36294
				124	4	La Mesa					40004
				133	6	Lemon Grove					41124
				172	4	National City					50398
				180	3	Oceanside					53322
				208	5	Poway					58520
				233	0	San Diego					66000
				244	5	San Marcos					68196
				260	4	Santee					70224
				267	6	Solana Beach					72506
				293	4	Vista					82996
				999	9	Balance of county					99999
	038	250	1	236	1	San Francisco,coext. with San Fran. city		075	1	7360	67000
	039	274	1			San Joaquin		077	2	8120	
				136	4	Lodi					42202

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
05						California	06				
	039					San Joaquin, con.		077	2	8120	
				149	5	Manteca					45484
				274	3	Stockton					75000
				281	5	Tracy					80238
				999	9	Balance of county					99999
	040	252	1			San Luis Obispo		079	3	7460	
				010	6	Arroyo Grande					02868
				012	6	Atascadero					03064
				079	6	El Paso de Robles					22300
				099	6	Grover City					31400
				243	5	San Luis Obispo					68154
				999	9	Balance of county					99999
	041	250	1			San Mateo		081	1	7360	
				023	6	Belmont					05108
				031	5	Burlingame					09066
				062	4	Daly City					17918
				074	6	East Palo Alto					20956
				088	5	Foster City					25338
				109	6	Hillsborough					33798
				154	5	Menlo Park					46870
				156	6	Millbrae					47486
				186	5	Pacifica					54806
				215	4	Redwood City					60102
				229	5	San Bruno					65028
				231	5	San Carlos					65070
				246	4	San Mateo					68252
				272	4	South San Francisco					73262
				999	9	Balance of county					99999
	042	253	1			Santa Barbara		083	2	7480	
				037	6	Carpinteria					11446
				139	5	Lompoc					42524
				251	4	Santa Barbara					69070
				256	4	Santa Maria					69196
				999	9	Balance of county					99999
	043	251	1			Santa Clara		085	0	7400	
				034	5	Campbell					10340
				060	5	Cupertino					17610
				095	5	Gilroy					29504
				142	5	Los Altos					43280
				145	5	Los Gatos					44112
				158	4	Milpitas					47766
				169	6	Morgan Hill					49278
				170	4	Mountain View					49670
				191	4	Palo Alto					55282
				240	1	San Jose					68000
				252	4	Santa Clara					69084
				261	5	Saratoga					70280
				276	3	Sunnyvale					77000
				999	9	Balance of county					99999
	044	254	1			Santa Cruz		087	3	7485	
				035	6	Capitola					11040
				254	5	Santa Cruz					69112
				297	5	Watsonville					83668
				999	9	Balance of county					99999
	045	229	1			Shasta		089	3	6690	
				212	4	Redding					59920
				999	9	Balance of county					99999
	046	000	2	999	9	Sierra		091	6	0000	
	047	000	2	999	9	Siskiyou		093	5	0000	
	048	290	1			Solano		095	2	8720	
				024	6	Benicia					05290
				070	6	Dixon					19402
				084	4	Fairfield					23182
				275	6	Suisun City					75630
				289	4	Vacaville					81554
				290	3	Vallejo					81666
				999	9	Balance of county					99999
	049	256	1			Sonoma		097	2	7500	
				197	5	Petaluma					56784
				222	5	Rohnert Park					62546
				259	3	Santa Rosa					70098
				999	9	Balance of county					99999
	050	185	1			Stanislaus		099	2	5170	
				040	5	Ceres					12524

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
05						California	06				
	050					Stanislaus, con.		099	2	5170	
				160	3	Modesto					48354
				178	6	Oakdale					52694
				283	5	Turlock					80812
				999	9	Balance of county					99999
	051	310	1			Sutter		101	4	9340	
				305	5	Yuba City					86972
				999	9	Balance of county					99999
	052	000	2			Tehama		103	5	0000	
				211	6	Red Bluff					59892
				999	9	Balance of county					99999
	053	000	2	999	9	Trinity		105	6	0000	
	054	294	1			Tulare		107	2	8780	
				069	6	Dinuba					19318
				206	5	Porterville					58240
				282	5	Tulare					80644
				292	4	Visalia					82954
				999	9	Balance of county					99999
	055	000	2	999	9	Tuolumne		109	5	0000	
	056	291	1			Ventura		111	1	8735	
				033	4	Camarillo					10046
				085	6	Fillmore					24092
				166	5	Moorpark					49138
				185	3	Oxnard					54652
				207	6	Port Hueneme					58296
				230	4	San Buenaventura (Ventura)					65042
				258	5	Santa Paula					70042
				266	3	Simi Valley					72016
				279	3	Thousand Oaks					78582
				999	9	Balance of county					99999
	057	307	1			Yolo		113	3	9270	
				065	5	Davis					18100
				301	5	West Sacramento					84816
				303	5	Woodland					86328
				999	9	Balance of county					99999
	058	310	1			Yuba		115	4	9340	
				152	6	Marysville					46170
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
06						Colorado	08				
	001	074	1			Adams		001	2	2080	
				001	4	Arvada, part					03455
				002	3	Aurora, part					04000
				004	6	Brighton, part					08675
				005	6	Broomfield, part					09280
				008	6	Commerce City					16495
				023	5	Northglenn					54330
				026	4	Thornton					77290
				027	5	Westminster, part					83835
				999	9	Balance of county					99999
	002	000	2	999	9	Alamosa		003	6	0000	
	003	074	1			Arapahoe		005	2	2080	
				002	3	Aurora, part					04000
				011	5	Englewood					24785
				019	5	Littleton, part					45255
				999	9	Balance of county					99999
	004	000	2	999	9	Archuleta		007	6	0000	
	005	000	2	999	9	Baca		009	6	0000	
	006	000	2	999	9	Bent		011	6	0000	
	007	038	1			Boulder		013	3	1125	
				003	4	Boulder					07850
				005	6	Broomfield, part					09280
				017	6	Lafayette					41835
				020	4	Longmont					45970
				021	6	Louisville					46355
				999	9	Balance of county					99999
	008	000	2	999	9	Chaffee		015	6	0000	
	009	000	2	999	9	Cheyenne		017	6	0000	
	010	000	2	999	9	Clear Creek		019	6	0000	
	011	000	2	999	9	Conejos		021	6	0000	
	012	000	2	999	9	Costilla		023	6	0000	
	013	000	2	999	9	Crowley		025	6	0000	
	014	000	2	999	9	Custer		027	6	0000	
	015	000	2	999	9	Delta		029	6	0000	
	016	074	1	009	2	Denver, coext. with Denver city		031	2	2080	20000
	017	000	2	999	9	Dolores		033	6	0000	
	018	074	1			Douglas		035	4	2080	
				002	3	Aurora, part					04000
				019	5	Littleton, part					45255
				999	9	Balance of county					99999
	019	000	2	999	9	Eagle		037	6	0000	
	020	000	2	999	9	Elbert		039	6	0000	
	021	060	1			El Paso		041	2	1720	
				007	2	Colorado Springs					16000
				013	6	Fountain					27865
				999	9	Balance of county					99999
	022	000	2			Fremont		043	5	0000	
				006	6	Canon City					11810
				999	9	Balance of county					99999
	023	000	2	999	9	Garfield		045	5	0000	
	024	000	2	999	9	Gilpin		047	6	0000	
	025	000	2	999	9	Grand		049	6	0000	
	026	000	2	999	9	Gunnison		051	6	0000	
	027	000	2	999	9	Hinsdale		053	6	0000	
	028	000	2	999	9	Huerfano		055	6	0000	
	029	000	2	999	9	Jackson		057	6	0000	
	030	074	1			Jefferson		059	2	2080	
				001	4	Arvada, part					03455
				005	6	Broomfield, part					09280
				014	6	Golden					30835
				018	3	Lakewood					43000
				027	5	Westminster, part					83835
				028	5	Wheat Ridge					84440
				999	9	Balance of county					99999
	031	000	2	999	9	Kiowa		061	6	0000	
	032	000	2	999	9	Kit Carson		063	6	0000	
	033	000	2	999	9	Lake		065	6	0000	
	034	000	2			La Plata		067	5	0000	
				010	6	Durango					22035
				999	9	Balance of county					99999
	035	096	1			Larimer		069	3	2670	
				012	4	Fort Collins					27425
				022	5	Loveland					46465
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty P/S	P/MSA Place
06						Colorado	08		
	036	000	2	999	9	Las Animas		071 6	0000
	037	000	2	999	9	Lincoln		073 6	0000
	038	000	2			Logan		075 6	0000
				025	6	Sterling			73935
				999	9	Balance of county			99999
	039	000	2			Mesa		077 4	0000
				015	5	Grand Junction			31660
				999	9	Balance of county			99999
	040	000	2	999	9	Mineral		079 6	0000
	041	000	2	999	9	Moffat		081 6	0000
	042	000	2	999	9	Montezuma		083 6	0000
	043	000	2	999	9	Montrose		085 6	0000
	044	000	2	999	9	Morgan		087 6	0000
	045	000	2	999	9	Otero		089 6	0000
	046	000	2	999	9	Ouray		091 6	0000
	047	000	2	999	9	Park		093 6	0000
	048	000	2	999	9	Phillips		095 6	0000
	049	000	2	999	9	Pitkin		097 6	0000
	050	000	2	999	9	Prowers		099 6	0000
	051	223	1			Pueblo		101 3	6560
				024	4	Pueblo			62000
				999	9	Balance of county			99999
	052	000	2	999	9	Rio Blanco		103 6	0000
	053	000	2	999	9	Rio Grande		105 6	0000
	054	000	2	999	9	Routt		107 6	0000
	055	000	2	999	9	Saguache		109 6	0000
	056	000	2	999	9	San Juan		111 6	0000
	057	000	2	999	9	San Miguel		113 6	0000
	058	000	2	999	9	Sedgwick		115 6	0000
	059	000	2	999	9	Summit		117 6	0000
	060	000	2	999	9	Teller		119 6	0000
	061	000	2	999	9	Washington		121 6	0000
	062	114	1			Weld		123 3	3060
				004	6	Brighton, part			08675
				005	6	Broomfield, part			09280
				016	4	Greeley			32155
				999	9	Balance of county			99999
	063	000	2	999	9	Yuma		125 6	0000

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
07						Connecticut	09				
	001	194	1			Fairfield		001	1	5483	
				002	6	Bethel town					04720
				004	3	Bridgeport					08000
				007	4	Danbury					18430
				008	6	Darien town					18920
				014	4	Fairfield town					26620
				016	4	Greenwich town					33620
				029	4	Norwalk					55990
				033	5	Shelton					68100
				035	3	Stamford					73000
				036	5	Stratford town					74260
				038	5	Trumbull town					77270
				044	6	Westport town					83500
				999	9	Balance of county					99999
	002	122	1			Hartford		003	1	3283	
				005	4	Bristol					08420
				011	4	East Hartford town					22630
				013	5	Enfield town					25990
				015	5	Glastonbury town					31240
				018	3	Hartford					37000
				019	4	Manchester town					44700
				024	4	New Britain					50370
				026	5	Newington town					52210
				031	6	Plainville town					60120
				032	6	Rocky Hill town					65370
				034	5	Southington town					70550
				042	4	West Hartford town					82590
				045	5	Wethersfield town					84900
				046	6	Windsor Locks town					87070
				047	5	Windsor town					87000
				999	9	Balance of county					99999
	003	000	2			Litchfield		005	3	0000	
				037	5	Torrington					76500
				999	9	Balance of county					99999
	004	122	1			Middlesex		007	3	3283	
				021	5	Middletown					47290
				999	9	Balance of county					99999
	005	194	1			New Haven		009	1	5483	
				001	6	Ansonia					01150
				003	5	Branford town					07310
				006	5	Cheshire town					14160
				009	6	Derby					19480
				012	5	East Haven town					22980
				017	4	Hamden town					35650
				020	4	Meriden					46450
				022	5	Milford					47500
				023	5	Naugatuck borough					49880
				025	3	New Haven					52000
				028	6	North Haven town					54870
				040	5	Wallingford town					78740
				041	3	Waterbury					80000
				043	4	West Haven					82800
				999	9	Balance of county					99999
	006	195	1			New London		011	2	5523	
				027	5	New London					52280
				030	5	Norwich					56200
				999	9	Balance of county					99999
	007	122	1			Tolland		013	3	3283	
				039	5	Vernon town					78250
				999	9	Balance of county					99999
	008	000	2	999	9	Windham		015	3	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St Cnty	P/S	P/MSA	Place
08						Delaware	10			
	001	078	1			Kent	001	3	2190	
				001	5	Dover				21200
				999	9	Balance of county				99999
	002	304	1			New Castle	003	2	9160	
				002	5	Newark				50670
				003	4	Wilmington				77580
				999	9	Balance of county				99999
	003	000	2	999	9	Sussex	005	3	0000	

Vital Statistics Codes							FIPS Codes				
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
09	001	296	1	001	1	District of Columbia	11	001	1	8840	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
10						Florida	12				
	001	106	1			Alachua		001	3	2900	
				032	4	Gainesville					25175
				999	9	Balance of county					99999
	002	000	2	999	9	Baker		003	6	0000	
	003	210	1			Bay		005	3	6015	
				009	6	Callaway					09725
				080	5	Panama City					54700
				999	9	Balance of county					99999
	004	000	2	999	9	Bradford		007	6	0000	
	005	177	1			Brevard		009	2	4900	
				013	6	Cocoa					13150
				014	6	Cocoa Beach					13175
				055	4	Melbourne					43975
				078	4	Palm Bay					54000
				091	6	Rockledge					61500
				110	5	Titusville					71900
				999	9	Balance of county					99999
	006	097	1			Broward		011	0	2680	
				015	5	Coconut Creek					13275
				016	6	Cooper City					14125
				018	4	Coral Springs					14400
				019	6	Dania					16325
				020	5	Davie					16475
				022	5	Deerfield Beach					16725
				028	3	Fort Lauderdale					24000
				036	5	Hallandale					28450
				039	3	Hollywood					32000
				049	5	Lauderdale Lakes					39525
				050	5	Lauderhill					39550
				052	6	Lighthouse Point					40450
				054	5	Margate					43125
				060	5	Miramar					45975
				065	5	North Lauderdale					49425
				070	5	Oakland Park					50575
				081	4	Pembroke Pines					55775
				084	4	Plantation					57425
				086	4	Pompano Beach					58050
				103	4	Sunrise					69700
				106	5	Tamarac					70675
				114	6	Wilton Manors					78000
				999	9	Balance of county					99999
	007	000	2	999	9	Calhoun		013	6	0000	
	008	224	1			Charlotte		015	3	6580	
				089	6	Punta Gorda					59200
				999	9	Balance of county					99999
	009	000	2	999	9	Citrus		017	4	0000	
	010	135	1	999	9	Clay		019	3	3600	
	011	191	1			Collier		021	3	5345	
				061	6	Naples					47625
				999	9	Balance of county					99999
	012	000	2	999	9	Columbia		023	5	0000	
	013	180	1			Dade		025	0	5000	
				017	5	Coral Gables					14250
				037	3	Hialeah					30000
				040	5	Homestead					32275
				056	2	Miami					45000
				057	4	Miami Beach					45025
				058	6	Miami Shores					45175
				059	6	Miami Springs					45200
				066	5	North Miami					49450
				067	5	North Miami Beach					49475
				073	6	Opa-locka					51650
				101	6	South Miami					67550
				104	6	Sweetwater					70275
				999	9	Balance of county					99999
	014	000	2	999	9	De Soto		027	6	0000	
	015	000	2	999	9	Dixie		029	6	0000	
	016	135	1			Duval		031	1	3600	
				003	6	Atlantic Beach					02400
				041	1	Jacksonville					35000
				042	6	Jacksonville Beach					35050
				999	9	Balance of county					99999
	017	212	1			Escambia		033	2	6080	
				082	4	Pensacola					55925

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty P/S	P/MSA Place
10						Florida	12		
	017					Escambia, con.		033 2	6080
				999	9	Balance of county			99999
	018	071	1	999	9	Flagler		035 5	2020
	019	000	2	999	9	Franklin		037 6	0000
	020	278	1	999	9	Gadsden		039 5	8240
	021	000	2	999	9	Gilchrist		041 6	0000
	022	000	2	999	9	Glades		043 6	0000
	023	000	2	999	9	Gulf		045 6	0000
	024	000	2	999	9	Hamilton		047 6	0000
	025	000	2	999	9	Hardee		049 6	0000
	026	000	2	999	9	Hendry		051 5	0000
	027	279	1	999	9	Hernando		053 3	8280
	028	000	2	999	9	Highlands		055 4	0000
	029	279	1			Hillsborough		057 1	8280
				085	6	Plant City			57550
				107	2	Tampa			71000
				109	6	Temple Terrace			71400
				999	9	Balance of county			99999
	030	000	2	999	9	Holmes		059 6	0000
	031	000	2			Indian River		061 4	0000
				099	6	Sebastian			64825
				112	6	Vero Beach			74150
				999	9	Balance of county			99999
	032	000	2	999	9	Jackson		063 5	0000
	033	000	2	999	9	Jefferson		065 6	0000
	034	000	2	999	9	Lafayette		067 6	0000
	035	208	1			Lake		069 3	5960
				027	6	Eustis			21350
				051	6	Leesburg			39875
				999	9	Balance of county			99999
	036	098	1			Lee		071 2	2700
				010	4	Cape Coral			10275
				029	5	Fort Myers			24125
				999	9	Balance of county			99999
	037	278	1			Leon		073 3	8240
				105	3	Tallahassee			70600
				999	9	Balance of county			99999
	038	000	2	999	9	Levy		075 5	0000
	039	000	2	999	9	Liberty		077 6	0000
	040	000	2	999	9	Madison		079 6	0000
	041	257	1			Manatee		081 3	7510
				008	5	Bradenton			07950
				999	9	Balance of county			99999
	042	202	1			Marion		083 3	5790
				071	5	Ocala			50750
				999	9	Balance of county			99999
	043	099	1			Martin		085 3	2710
				102	6	Stuart			68875
				999	9	Balance of county			99999
	044	000	2			Monroe		087 4	0000
				044	6	Key West			36550
				999	9	Balance of county			99999
	045	135	1	999	9	Nassau		089 5	3600
	046	101	1			Okaloosa		091 3	2750
				031	6	Fort Walton Beach			24475
				064	6	Niceville			48750
				999	9	Balance of county			99999
	047	000	2	999	9	Okeechobee		093 5	0000
	048	208	1			Orange		095 1	5960
				002	6	Apopka			01700
				072	6	Ocoee			51075
				074	3	Orlando			53000
				116	6	Winter Park			78300
				999	9	Balance of county			99999
	049	208	1			Osceola		097 3	5960
				045	5	Kissimmee			36950
				095	6	St. Cloud			62625
				999	9	Balance of county			99999
	050	299	1			Palm Beach		099 1	8960
				005	6	Belle Glade			05200
				006	4	Boca Raton			07300
				007	5	Boynton Beach			07875
				024	5	Delray Beach			17100
				033	6	Greenacres City			27325

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
10						Florida	12				
	050					Palm Beach, con.		099	1	8960	
				043	6	Jupiter					35875
				047	5	Lake Worth					39075
				068	6	North Palm Beach					49600
				079	6	Palm Beach Gardens					54075
				090	5	Riviera Beach					60975
				092	6	Royal Palm Beach					62100
				113	4	West Palm Beach					76600
				999	9	Balance of county					99999
	051	279	1			Pasco		101	2	8280	
				062	6	New Port Richey					48500
				999	9	Balance of county					99999
	052	279	1			Pinellas		103	1	8280	
				012	4	Clearwater					12875
				025	5	Dunedin					18575
				034	6	Gulfport					28175
				048	4	Largo					39425
				083	5	Pinellas Park					56975
				093	6	Safety Harbor					62425
				096	3	St. Petersburg					63000
				108	6	Tarpon Springs					71150
				999	9	Balance of county					99999
	053	154	1			Polk		105	2	3980	
				004	6	Bartow					03675
				035	6	Haines City					28400
				046	4	Lakeland					38250
				115	6	Winter Haven					78275
				999	9	Balance of county					99999
	054	000	2			Putnam		107	4	0000	
				077	6	Palatka					53875
				999	9	Balance of county					99999
	055	135	1			St. Johns		109	4	3600	
				094	6	St. Augustine					62500
				999	9	Balance of county					99999
	056	099	1			St. Lucie		111	3	2710	
				030	5	Fort Pierce					24300
				088	4	Port St. Lucie					58725
				999	9	Balance of county					99999
	057	212	1	999	9	Santa Rosa		113	4	6080	
	058	257	1			Sarasota		115	2	7510	
				069	6	North Port					49675
				098	4	Sarasota					64175
				111	6	Venice					73900
				999	9	Balance of county					99999
	059	208	1			Seminole		117	2	5960	
				001	5	Altamonte Springs					00950
				011	6	Casselberry					11050
				053	6	Longwood					41250
				076	6	Oviedo					53575
				097	5	Sanford					63650
				117	6	Winter Springs					78325
				999	9	Balance of county					99999
	060	000	2	999	9	Sumter		119	5	0000	
	061	000	2	999	9	Suwannee		121	5	0000	
	062	000	2	999	9	Taylor		123	6	0000	
	063	000	2	999	9	Union		125	6	0000	
	064	071	1			Volusia		127	2	2020	
				021	4	Daytona Beach					16525
				023	6	DeLand					16875
				026	6	Edgewater					19825
				038	6	Holly Hill					31350
				063	6	New Smyrna Beach					48625
				075	5	Ormond Beach					53150
				087	5	Port Orange					58575
				100	6	South Daytona					67325
				999	9	Balance of county					99999
	065	000	2	999	9	Wakulla		129	6	0000	
	066	000	2	999	9	Walton		131	5	0000	
	067	000	2	999	9	Washington		133	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
11						Georgia	13				
	001	000	2	999	9	Appling		001	6	0000	
	002	000	2	999	9	Atkinson		003	6	0000	
	003	000	2	999	9	Bacon		005	6	0000	
	004	000	2	999	9	Baker		007	6	0000	
	005	000	2			Baldwin		009	5	0000	
				029	6	Milledgeville					51492
				999	9	Balance of county					99999
	006	000	2	999	9	Banks		011	6	0000	
	007	016	1	999	9	Barrow		013	5	0520	
	008	016	1			Bartow		015	4	0520	
				010	6	Cartersville					13688
				999	9	Balance of county					99999
	009	000	2	999	9	Ben Hill		017	6	0000	
	010	000	2	999	9	Berrien		019	6	0000	
	011	172	1			Bibb		021	3	4680	
				027	3	Macon, part					49000
				999	9	Balance of county					99999
	012	000	2	999	9	Bleckley		023	6	0000	
	013	000	2	999	9	Brantley		025	6	0000	
	014	000	2	999	9	Brooks		027	6	0000	
	015	258	1	999	9	Bryan		029	6	7520	
	016	000	2			Bulloch		031	5	0000	
				038	6	Statesboro					73256
				999	9	Balance of county					99999
	017	000	2	999	9	Burke		033	6	0000	
	018	000	2	999	9	Butts		035	6	0000	
	019	000	2	999	9	Calhoun		037	6	0000	
	020	000	2	999	9	Camden		039	5	0000	
	021	000	2	999	9	Candler		043	6	0000	
	022	016	1			Carroll		045	4	0520	
				009	6	Carrollton					13492
				999	9	Balance of county					99999
	023	053	1	999	9	Catoosa		047	5	1560	
	024	000	2	999	9	Charlton		049	6	0000	
	025	258	1			Chatham		051	3	7520	
				035	3	Savannah					69000
				999	9	Balance of county					99999
	026	063	1	999	9	Chattahoochee		053	6	1800	
	027	000	2	999	9	Chattooga		055	6	0000	
	028	016	1	999	9	Cherokee		057	4	0520	
	029	015	1			Clarke		059	4	0500	
				004	5	Athens					03432
				999	9	Balance of county					99999
	030	000	2	999	9	Clay		061	6	0000	
	031	016	1			Clayton		063	3	0520	
				011	6	College Park, part					17776
				021	6	Forest Park					30536
				999	9	Balance of county					99999
	032	000	2	999	9	Clinch		065	6	0000	
	033	016	1			Cobb		067	2	0520	
				028	5	Marietta					49756
				036	5	Smyrna					71492
				999	9	Balance of county					99999
	034	000	2			Coffee		069	5	0000	
				017	6	Douglas					23872
				999	9	Balance of county					99999
	035	000	2			Colquitt		071	5	0000	
				030	6	Moultrie					53060
				999	9	Balance of county					99999
	036	018	1	999	9	Columbia		073	4	0600	
	037	000	2	999	9	Cook		075	6	0000	
	038	016	1			Coweta		077	4	0520	
				031	6	Newnan					55020
				999	9	Balance of county					99999
	039	000	2	999	9	Crawford		079	6	0000	
	040	000	2			Crisp		081	6	0000	
				013	6	Cordele					19616
				999	9	Balance of county					99999
	041	053	1	999	9	Dade		083	6	1560	
	042	000	2	999	9	Dawson		085	6	0000	
	043	000	2			Decatur		087	5	0000	
				007	6	Bainbridge					04896
				999	9	Balance of county					99999
	044	016	1			De Kalb		089	1	0520	
				005	2	Atlanta, part					04000

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
11						Georgia	13				
	044					De Kalb, con.		089	1	0520	
				016	6	Decatur					22052
				999	9	Balance of county					99999
	045	000	2	999	9	Dodge		091	6	0000	
	046	000	2	999	9	Dooly		093	6	0000	
	047	003	1			Dougherty		095	4	0120	
				001	4	Albany					01052
				999	9	Balance of county					99999
	048	016	1			Douglas		097	4	0520	
				018	6	Douglasville					23900
				999	9	Balance of county					99999
	049	000	2	999	9	Early		099	6	0000	
	050	000	2	999	9	Echols		101	6	0000	
	051	258	1	999	9	Effingham		103	5	7520	
	052	000	2	999	9	Elbert		105	6	0000	
	053	000	2	999	9	Emanuel		107	6	0000	
	054	000	2	999	9	Evans		109	6	0000	
	055	000	2	999	9	Fannin		111	6	0000	
	056	016	1			Fayette		113	4	0520	
				032	6	Peachtree City					59724
				999	9	Balance of county					99999
	057	000	2			Floyd		115	4	0000	
				033	5	Rome					66668
				999	9	Balance of county					99999
	058	016	1	999	9	Forsyth		117	5	0520	
	059	000	2	999	9	Franklin		119	6	0000	
	060	016	1			Fulton		121	1	0520	
				002	6	Alpharetta					01696
				005	2	Atlanta, part					04000
				011	6	College Park, part					17776
				020	5	East Point					25720
				034	5	Roswell					67284
				999	9	Balance of county					99999
	061	000	2	999	9	Gilmer		123	6	0000	
	062	000	2	999	9	Glascock		125	6	0000	
	063	000	2			Glynn		127	4	0000	
				008	6	Brunswick					11560
				999	9	Balance of county					99999
	064	000	2	999	9	Gordon		129	5	0000	
	065	000	2	999	9	Grady		131	6	0000	
	066	000	2	999	9	Greene		133	6	0000	
	067	016	1			Gwinnett		135	2	0520	
				026	6	Lawrenceville					45488
				037	6	Snellville					71604
				999	9	Balance of county					99999
	068	000	2	999	9	Habersham		137	5	0000	
	069	000	2			Hall		139	4	0000	
				022	6	Gainesville					31908
				999	9	Balance of county					99999
	070	000	2	999	9	Hancock		141	6	0000	
	071	000	2	999	9	Haralson		143	6	0000	
	072	063	1	999	9	Harris		145	6	1800	
	073	000	2	999	9	Hart		147	6	0000	
	074	000	2	999	9	Heard		149	6	0000	
	075	016	1	999	9	Henry		151	4	0520	
	076	172	1			Houston		153	4	4680	
				043	5	Warner Robins					80508
				999	9	Balance of county					99999
	077	000	2	999	9	Irwin		155	6	0000	
	078	000	2	999	9	Jackson		157	5	0000	
	079	000	2	999	9	Jasper		159	6	0000	
	080	000	2	999	9	Jeff Davis		161	6	0000	
	081	000	2	999	9	Jefferson		163	6	0000	
	082	000	2	999	9	Jenkins		165	6	0000	
	083	000	2	999	9	Johnson		167	6	0000	
	084	172	1			Jones		169	6	4680	
				027	3	Macon, part					49000
				999	9	Balance of county					99999
	085	000	2	999	9	Lamar		171	6	0000	
	086	000	2	999	9	Lanier		173	6	0000	
	087	000	2			Laurens		175	5	0000	
				019	6	Dublin					24376
				999	9	Balance of county					99999
	088	003	1	999	9	Lee		177	6	0120	

Vital Statistics Codes St	Cnty	P/MSA	M/NM	City	P/S	Area Names	FIPS Codes St	Cnty	P/S	P/MSA	Place
11						Georgia	13				
	089	000	2			Liberty		179	4	0000	
				024	6	Hinesville					38964
				999	9	Balance of county					99999
	090	000	2	999	9	Lincoln		181	6	0000	
	091	000	2	999	9	Long		183	6	0000	
	092	000	2			Lowndes		185	4	0000	
				041	5	Valdosta					78800
				999	9	Balance of county					99999
	093	000	2	999	9	Lumpkin		187	6	0000	
	094	018	1	999	9	McDuffie		189	6	0600	
	095	000	2	999	9	McIntosh		191	6	0000	
	096	000	2	999	9	Macon		193	6	0000	
	097	015	1	999	9	Madison		195	6	0500	
	098	000	2	999	9	Marion		197	6	0000	
	099	000	2	999	9	Meriwether		199	6	0000	
	100	000	2	999	9	Miller		201	6	0000	
	101	000	2	999	9	Mitchell		205	6	0000	
	102	000	2	999	9	Monroe		207	6	0000	
	103	000	2			Montgomery		209	6	0000	
				042	6	Vidalia, part					79388
				999	9	Balance of county					99999
	104	000	2	999	9	Morgan		211	6	0000	
	105	000	2	999	9	Murray		213	5	0000	
	106	063	1			Muscogee		215	3	1800	
				012	3	Columbus					19000
				999	9	Balance of county					99999
	107	016	1			Newton		217	5	0520	
				014	6	Covington					20064
				999	9	Balance of county					99999
	108	015	1	999	9	Oconee		219	6	0500	
	109	000	2	999	9	Oglethorpe		221	6	0000	
	110	016	1	999	9	Paulding		223	5	0520	
	111	172	1	999	9	Peach		225	6	4680	
	112	016	1	999	9	Pickens		227	6	0520	
	113	000	2			Pierce		229	6	0000	
				044	6	Waycross, part					80956
				999	9	Balance of county					99999
	114	000	2	999	9	Pike		231	6	0000	
	115	000	2	999	9	Polk		233	5	0000	
	116	000	2	999	9	Pulaski		235	6	0000	
	117	000	2	999	9	Putnam		237	6	0000	
	118	000	2	999	9	Quitman		239	6	0000	
	119	000	2	999	9	Rabun		241	6	0000	
	120	000	2	999	9	Randolph		243	6	0000	
	121	018	1			Richmond		245	3	0600	
				006	5	Augusta					04196
				999	9	Balance of county					99999
	122	016	1	999	9	Rockdale		247	4	0520	
	123	000	2	999	9	Schley		249	6	0000	
	124	000	2	999	9	Screven		251	6	0000	
	125	000	2	999	9	Seminole		253	6	0000	
	126	016	1			Spalding		255	4	0520	
				023	6	Griffin					35324
				999	9	Balance of county					99999
	127	000	2	999	9	Stephens		257	6	0000	
	128	000	2	999	9	Stewart		259	6	0000	
	129	000	2			Sumter		261	5	0000	
				003	6	Americus					02116
				999	9	Balance of county					99999
	130	000	2	999	9	Talbot		263	6	0000	
	131	000	2	999	9	Taliaferro		265	6	0000	
	132	000	2	999	9	Tattnall		267	6	0000	
	133	000	2	999	9	Taylor		269	6	0000	
	134	000	2	999	9	Telfair		271	6	0000	
	135	000	2	999	9	Terrell		273	6	0000	
	136	000	2			Thomas		275	5	0000	
				039	6	Thomasville					76224
				999	9	Balance of county					99999
	137	000	2			Tift		277	5	0000	
				040	6	Tifton					76476
				999	9	Balance of county					99999
	138	000	2			Toombs		279	6	0000	
				042	6	Vidalia, part					79388
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
11						Georgia	13				
	139	000	2	999	9	Towns		281	6	0000	
	140	000	2	999	9	Treutlen		283	6	0000	
	141	000	2			Troup		285	4	0000	
				025	5	La Grange					44340
				999	9	Balance of county					99999
	142	000	2	999	9	Turner		287	6	0000	
	143	172	1	999	9	Twiggs		289	6	4680	
	144	000	2	999	9	Union		291	6	0000	
	145	000	2	999	9	Upson		293	5	0000	
	146	053	1	999	9	Walker		295	4	1560	
	147	016	1	999	9	Walton		297	5	0520	
	148	000	2			Ware		299	5	0000	
				044	6	Waycross, part					80956
				999	9	Balance of county					99999
	149	000	2	999	9	Warren		301	6	0000	
	150	000	2	999	9	Washington		303	6	0000	
	151	000	2	999	9	Wayne		305	6	0000	
	152	000	2	999	9	Webster		307	6	0000	
	153	000	2	999	9	Wheeler		309	6	0000	
	154	000	2	999	9	White		311	6	0000	
	155	000	2			Whitfield		313	4	0000	
				015	6	Dalton					21380
				999	9	Balance of county					99999
	156	000	2	999	9	Wilcox		315	6	0000	
	157	000	2	999	9	Wilkes		317	6	0000	
	158	000	2	999	9	Wilkinson		319	6	0000	
	159	000	2	999	9	Worth		321	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
12						Hawaii	15				
	001	000	2			Hawaii		001	3	0000	
				002	5	Hilo					14650
				999	9	Balance of county					99999
	002	125	1			Honolulu		003	1	3320	
				001	6	Ewa Beach					07450
				003	2	Honolulu					17000
				005	5	Kailua					23150
				006	5	Kaneohe					28250
				007	5	Mililani Town					51050
				008	5	Pearl City					62600
				009	6	Schofield Barracks					69050
				010	6	Wahiawa					72650
				012	5	Waipahu					79700
				999	9	Balance of county					99999
	003	000	2	999	9	Kalawao		005	6	0000	
	004	000	2	999	9	Kauai		007	4	0000	
	005	000	2			Maui		009	3	0000	
				004	6	Kahului					22700
				011	6	Wailuku					77450
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
13						Idaho	16				
	001	036	1			Ada		001	3	1080	
				001	3	Boise City					08830
				999	9	Balance of county					99999
	002	000	2	999	9	Adams		003	6	0000	
	003	000	2			Bannock		005	4	0000	
				008	5	Pocatello, part					64090
				999	9	Balance of county					99999
	004	000	2	999	9	Bear Lake		007	6	0000	
	005	000	2	999	9	Benewah		009	6	0000	
	006	000	2	999	9	Bingham		011	5	0000	
	007	000	2	999	9	Blaine		013	6	0000	
	008	000	2	999	9	Boise		015	6	0000	
	009	000	2	999	9	Bonner		017	5	0000	
	010	000	2			Bonneville		019	4	0000	
				004	5	Idaho Falls					39700
				999	9	Balance of county					99999
	011	000	2	999	9	Boundary		021	6	0000	
	012	000	2	999	9	Butte		023	6	0000	
	013	000	2	999	9	Camas		025	6	0000	
	014	036	1			Canyon		027	4	1080	
				002	6	Caldwell					12250
				007	5	Nampa					56260
				999	9	Balance of county					99999
	015	000	2	999	9	Caribou		029	6	0000	
	016	000	2	999	9	Cassia		031	6	0000	
	017	000	2	999	9	Clark		033	6	0000	
	018	000	2	999	9	Clearwater		035	6	0000	
	019	000	2	999	9	Custer		037	6	0000	
	020	000	2	999	9	Elmore		039	6	0000	
	021	000	2	999	9	Franklin		041	6	0000	
	022	000	2	999	9	Fremont		043	6	0000	
	023	000	2	999	9	Gem		045	6	0000	
	024	000	2	999	9	Gooding		047	6	0000	
	025	000	2	999	9	Idaho		049	6	0000	
	026	000	2	999	9	Jefferson		051	6	0000	
	027	000	2	999	9	Jerome		053	6	0000	
	028	000	2			Kootenai		055	4	0000	
				003	6	Coeur d'Alene					16750
				999	9	Balance of county					99999
	029	000	2			Latah		057	5	0000	
				006	6	Moscow					54550
				999	9	Balance of county					99999
	030	000	2	999	9	Lemhi		059	6	0000	
	031	000	2	999	9	Lewis		061	6	0000	
	032	000	2	999	9	Lincoln		063	6	0000	
	033	000	2			Madison		065	6	0000	
				009	6	Rexburg					67420
				999	9	Balance of county					99999
	034	000	2	999	9	Minidoka		067	6	0000	
	035	000	2			Nez Perce		069	5	0000	
				005	5	Lewiston					46540
				999	9	Balance of county					99999
	036	000	2	999	9	Oneida		071	6	0000	
	037	000	2	999	9	Owyhee		073	6	0000	
	038	000	2	999	9	Payette		075	6	0000	
	039	000	2			Power		077	6	0000	
				008	5	Pocatello, part					64090
				999	9	Balance of county					99999
	040	000	2	999	9	Shoshone		079	6	0000	
	041	000	2	999	9	Teton		081	6	0000	
	042	000	2			Twin Falls		083	4	0000	
				010	5	Twin Falls					82810
				999	9	Balance of county					99999
	043	000	2	999	9	Valley		085	6	0000	
	044	000	2	999	9	Washington		087	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
14						Illinois	17				
	001	000	2			Adams		001	4	0000	
				138	5	Quincy					62367
				999	9	Balance of county					99999
	002	000	2	999	9	Alexander		003	6	0000	
	003	000	2	999	9	Bond		005	6	0000	
	004	237	1			Boone		007	5	6880	
				011	6	Belvidere					05092
				999	9	Balance of county					99999
	005	000	2	999	9	Brown		009	6	0000	
	006	000	2	999	9	Bureau		011	5	0000	
	007	000	2	999	9	Calhoun		013	6	0000	
	008	000	2	999	9	Carroll		015	6	0000	
	009	000	2	999	9	Cass		017	6	0000	
	010	048	1			Champaign		019	3	1400	
				032	4	Champaign					12385
				139	6	Rantoul village					62783
				160	5	Urbana					77005
				999	9	Balance of county					99999
	011	000	2			Christian		021	5	0000	
				158	6	Taylorville					74574
				999	9	Balance of county					99999
	012	000	2	999	9	Clark		023	6	0000	
	013	000	2	999	9	Clay		025	6	0000	
	014	243	1			Clinton		027	5	7040	
				031	6	Centralia, part					12164
				999	9	Balance of county					99999
	015	000	2			Coles		029	4	0000	
				033	6	Charleston					12567
				105	6	Mattoon					47553
				999	9	Balance of county					99999
	016	055	1			Cook		031	0	1600	
				003	6	Alsip village					01010
				005	4	Arlington Heights village					02154
				007	6	Bartlett village, part					04013
				010	6	Bellwood village					04975
				012	6	Bensenville village, part					05248
				013	5	Berwyn					05573
				016	6	Blue Island					06704
				020	6	Bridgeview village					08225
				021	6	Brookfield village					08576
				022	6	Buffalo Grove village, part					09447
				023	5	Burbank					09642
				025	5	Calumet City					10487
				034	0	Chicago, part					14000
				035	5	Chicago Heights					14026
				036	6	Chicago Ridge village					14065
				037	4	Cicero					14351
				039	6	Country Club Hills					16691
				041	6	Crestwood village					17497
				046	6	Deerfield village, part					18992
				048	4	Des Plaines					19642
				050	6	Dolton village					20292
				057	4	Elgin, part					23074
				058	5	Elk Grove Village village, part					23256
				060	6	Elmwood Park village					23724
				061	4	Evanston					24582
				062	6	Evergreen Park village					24634
				064	6	Forest Park village					26935
				065	6	Franklin Park village					27702
				071	5	Glenview village					29938
				074	6	Hanover Park village, part					32746
				075	5	Harvey					33383
				076	6	Hazel Crest village					33695
				078	6	Hickory Hills					34514
				080	6	Hinsdale village, part					35307
				081	5	Hoffman Estates village, part					35411
				082	6	Homewood village					35879
				085	6	Justice village					38830
				088	6	La Grange Park village					40793
				089	6	La Grange village					40767
				092	5	Lansing village					42028
				095	6	Lincolnwood village					43744
				103	6	Markham					47007
				104	6	Matteson village					47540

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
14						Illinois	17				
	016					Cook, con.		031	0	1600	
				106	5	Maywood village					47774
				107	6	Melrose Park village					48242
				108	6	Midlothian village					48892
				111	6	Morton Grove village					50647
				113	4	Mount Prospect village					51089
				117	5	Niles village					53000
				119	6	Norridge village					53377
				120	5	Northbrook village					53481
				122	6	Northlake					53871
				123	5	Oak Forest					54638
				124	4	Oak Lawn village					54820
				125	4	Oak Park village					54885
				127	5	Orland Park village					56640
				129	5	Palatine village					57225
				130	6	Palos Heights					57381
				131	6	Palos Hills					57394
				132	6	Park Forest village, part					57732
				133	5	Park Ridge					57875
				137	6	Prospect Heights					62016
				140	6	Richton Park village					63706
				141	6	Riverdale village					64278
				142	6	River Forest village					64304
				145	6	Rolling Meadows					65338
				147	6	Roselle village, part					65806
				150	4	Schaumburg village, part					68003
				151	6	Schiller Park village					68081
				152	4	Skokie village					70122
				153	6	South Holland village					70850
				156	5	Streamwood village					73157
				159	5	Tinley Park village, part					75484
				166	6	Westchester village					80047
				168	6	Western Springs village					80242
				171	5	Wheeling village, part					81087
				172	5	Wilmette village					82075
				173	6	Winnetka village					82530
				178	6	Worth village					83518
				999	9	Balance of county					99999
	017	000	2	999	9	Crawford		033	6	0000	
	018	000	2	999	9	Cumberland		035	6	0000	
	019	055	1			De Kalb		037	4	1600	
				047	5	De Kalb					19161
				999	9	Balance of county					99999
	020	000	2	999	9	De Witt		039	6	0000	
	021	000	2	999	9	Douglas		041	6	0000	
	022	055	1			Du Page		043	1	1600	
				001	5	Addison village					00243
				006	4	Aurora, part					03012
				007	6	Bartlett village, part					04013
				008	6	Batavia, part					04078
				012	6	Bensenville village, part					05248
				014	6	Bloomingdale village					06587
				017	5	Bolingbrook village, part					07133
				028	5	Carol Stream village					11332
				034	0	Chicago, part					14000
				044	6	Darien					18628
				051	5	Downers Grove village					20591
				058	5	Elk Grove Village village, part					23256
				059	5	Elmhurst					23620
				069	5	Glendale Heights village					29730
				070	6	Glen Ellyn village					29756
				074	6	Hanover Park village, part					32746
				080	6	Hinsdale village, part					35307
				096	6	Lisle village					43939
				097	5	Lombard village					44407
				116	4	Naperville, part					51622
				147	6	Roselle village, part					65806
				149	6	St. Charles, part					66703
				150	4	Schaumburg village, part					68003
				162	6	Villa Park village					77993
				163	6	Warrenville					78929
				167	6	West Chicago					80060
				169	6	Westmont village					80645
				170	4	Wheaton					81048

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty P/S	P/MSA Place
14						Illinois	17		
	022					Du Page, con.		043 1	1600
				174	6	Wood Dale			82985
				175	5	Woodridge village, part			83245
				999	9	Balance of county			99999
	023	000	2	999	9	Edgar		045 6	0000
	024	000	2	999	9	Edwards		047 6	0000
	025	000	2			Effingham		049 5	0000
				056	6	Effingham			22736
				999	9	Balance of county			99999
	026	000	2	999	9	Fayette		051 6	0000
	027	000	2	999	9	Ford		053 6	0000
	028	000	2	999	9	Franklin		055 5	0000
	029	000	2			Fulton		057 5	0000
				026	6	Canton			11007
				999	9	Balance of county			99999
	030	000	2	999	9	Gallatin		059 6	0000
	031	000	2	999	9	Greene		061 6	0000
	032	055	1			Grundy		063 5	1600
				110	6	Morris			50491
				999	9	Balance of county			99999
	033	000	2	999	9	Hamilton		065 6	0000
	034	000	2	999	9	Hancock		067 6	0000
	035	000	2	999	9	Hardin		069 6	0000
	036	000	2	999	9	Henderson		071 6	0000
	037	069	1			Henry		073 4	1960
				087	6	Kewanee			39727
				999	9	Balance of county			99999
	038	000	2	999	9	Iroquois		075 5	0000
	039	000	2			Jackson		077 4	0000
				027	5	Carbondale			11163
				999	9	Balance of county			99999
	040	000	2	999	9	Jasper		079 6	0000
	041	000	2			Jefferson		081 5	0000
				114	6	Mount Vernon			51180
				999	9	Balance of county			99999
	042	243	1	999	9	Jersey		083 6	7040
	043	000	2	999	9	Jo Daviess		085 6	0000
	044	000	2	999	9	Johnson		087 6	0000
	045	055	1			Kane		089 2	1600
				002	6	Algonquin village, part			00685
				006	4	Aurora, part			03012
				007	6	Bartlett village, part			04013
				008	6	Batavia, part			04078
				029	6	Carpentersville village			11358
				057	4	Elgin, part			23074
				068	6	Geneva			28872
				149	6	St. Charles, part			66703
				999	9	Balance of county			99999
	046	144	1			Kankakee		091 4	3740
				018	6	Bourbonnais village			07471
				019	6	Bradley village			07744
				086	5	Kankakee			38934
				999	9	Balance of county			99999
	047	055	1	999	9	Kendall		093 5	1600
	048	000	2			Knox		095 4	0000
				067	5	Galesburg			28326
				999	9	Balance of county			99999
	049	055	1			Lake		097 1	1600
				022	6	Buffalo Grove village, part			09447
				046	6	Deerfield village, part			18992
				073	6	Gurnee village			32018
				079	5	Highland Park			34722
				090	6	Lake Forest			41105
				091	6	Lake Zurich village			41742
				093	6	Libertyville village			43250
				115	6	Mundelein village			51349
				121	5	North Chicago			53559
				148	6	Round Lake Beach village			66040
				161	6	Vernon Hills village			77694
				165	4	Waukegan			79293
				171	5	Wheeling village, part			81087
				179	6	Zion			84220
				999	9	Balance of county			99999
	050	000	2			La Salle		099 3	0000
				128	6	Ottawa			56926

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
14						Illinois	17				
	050					La Salle, con.		099	3	0000	
				157	6	Streator, part					73170
				999	9	Balance of county					99999
	051	000	2	999	9	Lawrence		101	6	0000	
	052	000	2			Lee		103	5	0000	
				049	6	Dixon					20162
				999	9	Balance of county					99999
	053	000	2			Livingston		105	5	0000	
				136	6	Pontiac					61015
				157	6	Streator, part					73170
				999	9	Balance of county					99999
	054	000	2			Logan		107	5	0000	
				094	6	Lincoln					43536
				999	9	Balance of county					99999
	055	000	2			McDonough		109	5	0000	
				101	6	Macomb					45889
				999	9	Balance of county					99999
	056	055	1			McHenry		111	3	1600	
				002	6	Algonquin village, part					00685
				030	6	Cary village					11592
				042	6	Crystal Lake					17887
				099	6	McHenry					45694
				177	6	Woodstock					83349
				999	9	Balance of county					99999
	057	035	1			McLean		113	3	1040	
				015	4	Bloomington					06613
				118	5	Normal					53234
				999	9	Balance of county					99999
	058	073	1			Macon		115	3	2040	
				045	4	Decatur					18823
				999	9	Balance of county					99999
	059	000	2	999	9	Macoupin		117	5	0000	
	060	243	1			Madison		119	3	7040	
				004	5	Alton					01114
				038	6	Collinsville, part					15599
				055	6	Edwardsville					22697
				072	5	Granite City					30926
				176	6	Wood River					83271
				999	9	Balance of county					99999
	061	000	2			Marion		121	5	0000	
				031	6	Centralia, part					12164
				999	9	Balance of county					99999
	062	000	2	999	9	Marshall		123	6	0000	
	063	000	2	999	9	Mason		125	6	0000	
	064	000	2	999	9	Massac		127	6	0000	
	065	269	1	999	9	Menard		129	6	7880	
	066	000	2	999	9	Mercer		131	6	0000	
	067	243	1	999	9	Monroe		133	6	7040	
	068	000	2	999	9	Montgomery		135	5	0000	
	069	000	2			Morgan		137	5	0000	
				083	6	Jacksonville					38115
				999	9	Balance of county					99999
	070	000	2	999	9	Moultrie		139	6	0000	
	071	237	1	999	9	Ogle		141	5	6880	
	072	213	1			Peoria		143	3	6120	
				134	5	Pekin, part					58447
				135	3	Peoria					59000
				999	9	Balance of county					99999
	073	000	2	999	9	Perry		145	6	0000	
	074	000	2	999	9	Piatt		147	6	0000	
	075	000	2	999	9	Pike		149	6	0000	
	076	000	2	999	9	Pope		151	6	0000	
	077	000	2	999	9	Pulaski		153	6	0000	
	078	000	2	999	9	Putnam		155	6	0000	
	079	000	2	999	9	Randolph		157	5	0000	
	080	000	2	999	9	Richland		159	6	0000	
	081	069	1			Rock Island		161	3	1960	
				052	6	East Moline					22073
				109	5	Moline					49867
				144	5	Rock Island					65078
				999	9	Balance of county					99999
	082	243	1			St. Clair		163	2	7040	
				009	5	Belleville					04845
				024	6	Cahokia village					10370

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
14						Illinois	17				
	082					St. Clair, con.		163	2	7040	
				038	6	Collinsville, part					15599
				054	5	East St. Louis					22255
				063	6	Fairview Heights					25141
				126	6	O'Fallon					55249
				999	9	Balance of county					99999
	083	000	2	999	9	Saline		165	5	0000	
	084	269	1			Sangamon		167	3	7880	
				154	3	Springfield					72000
				999	9	Balance of county					99999
	085	000	2	999	9	Schuyler		169	6	0000	
	086	000	2	999	9	Scott		171	6	0000	
	087	000	2	999	9	Shelby		173	6	0000	
	088	000	2	999	9	Stark		175	6	0000	
	089	000	2			Stephenson		177	5	0000	
				066	5	Freeport					27884
				999	9	Balance of county					99999
	090	213	1			Tazewell		179	3	6120	
				053	6	East Peoria					22164
				112	6	Morton village					50621
				134	5	Pekin, part					58447
				164	6	Washington					79033
				999	9	Balance of county					99999
	091	000	2	999	9	Union		181	6	0000	
	092	000	2			Vermilion		183	4	0000	
				043	5	Danville					18563
				999	9	Balance of county					99999
	093	000	2	999	9	Wabash		185	6	0000	
	094	000	2	999	9	Warren		187	6	0000	
	095	000	2	999	9	Washington		189	6	0000	
	096	000	2	999	9	Wayne		191	6	0000	
	097	000	2	999	9	White		193	6	0000	
	098	000	2			Whiteside		195	4	0000	
				155	6	Sterling					72546
				999	9	Balance of county					99999
	099	055	1			Will		197	2	1600	
				017	5	Bolingbrook village, part					07133
				040	6	Crest Hill					17458
				084	4	Joliet					38570
				116	4	Naperville, part					51622
				132	6	Park Forest village, part					57732
				146	6	Romeoville village					65442
				159	5	Tinley Park village, part					75484
				175	5	Woodridge village, part					83245
				999	9	Balance of county					99999
	100	000	2			Williamson		199	4	0000	
				077	6	Herrin					34358
				102	6	Marion					46916
				999	9	Balance of county					99999
	101	237	1			Winnebago		201	2	6880	
				098	6	Loves Park					45031
				100	6	Machesney Park village					45726
				143	3	Rockford					65000
				999	9	Balance of county					99999
	102	213	1	999	9	Woodford		203	5	6120	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
15						Indiana	18				
	001	102	1	999	9	Adams		001	5	2760	
	002	102	1			Allen		003	2	2760	
				015	3	Fort Wayne					25000
				047	6	New Haven					52992
				999	9	Balance of county					99999
	003	000	2			Bartholomew		005	4	0000	
				007	5	Columbus					14734
				999	9	Balance of county					99999
	004	000	2	999	9	Benton		007	6	0000	
	005	000	2	999	9	Blackford		009	6	0000	
	006	130	1			Boone		011	5	3480	
				035	6	Lebanon					42624
				999	9	Balance of county					99999
	007	000	2	999	9	Brown		013	6	0000	
	008	000	2	999	9	Carroll		015	6	0000	
	009	000	2			Cass		017	5	0000	
				036	6	Logansport					44658
				999	9	Balance of county					99999
	010	169	1			Clark		019	4	4520	
				006	6	Clarksville					12934
				029	6	Jeffersonville					38358
				999	9	Balance of county					99999
	011	280	1	999	9	Clay		021	6	8320	
	012	152	1			Clinton		023	5	3920	
				016	6	Frankfort					25324
				999	9	Balance of county					99999
	013	000	2	999	9	Crawford		025	6	0000	
	014	000	2			Daviess		027	5	0000	
				063	6	Washington					80504
				999	9	Balance of county					99999
	015	057	1	999	9	Dearborn		029	5	1640	
	016	000	2	999	9	Decatur		031	6	0000	
	017	102	1	999	9	De Kalb		033	5	2760	
	018	189	1			Delaware		035	3	5280	
				043	4	Muncie					51876
				999	9	Balance of county					99999
	019	000	2			Dubois		037	5	0000	
				028	6	Jasper					37782
				999	9	Balance of county					99999
	020	084	1			Elkhart		039	3	2330	
				013	5	Elkhart					20728
				019	6	Goshen					28386
				999	9	Balance of county					99999
	021	000	2			Fayette		041	5	0000	
				008	6	Connersville					14932
				999	9	Balance of county					99999
	022	169	1			Floyd		043	4	4520	
				045	5	New Albany					52326
				999	9	Balance of county					99999
	023	000	2	999	9	Fountain		045	6	0000	
	024	000	2	999	9	Franklin		047	6	0000	
	025	000	2	999	9	Fulton		049	6	0000	
	026	000	2	999	9	Gibson		051	5	0000	
	027	000	2			Grant		053	4	0000	
				038	5	Marion					46908
				999	9	Balance of county					99999
	028	000	2	999	9	Greene		055	5	0000	
	029	130	1			Hamilton		057	3	3480	
				005	5	Carmel					10342
				048	6	Noblesville					54180
				999	9	Balance of county					99999
	030	130	1			Hancock		059	5	3480	
				020	6	Greenfield					29520
				999	9	Balance of county					99999
	031	169	1	999	9	Harrison		061	5	4520	
	032	130	1			Hendricks		063	4	3480	
				050	6	Plainfield					60246
				999	9	Balance of county					99999
	033	000	2			Henry		065	5	0000	
				046	6	New Castle					52740
				999	9	Balance of county					99999
	034	149	1			Howard		067	4	3850	
				030	5	Kokomo					40392
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
15						Indiana	18				
	035	102	1			Huntington		069	5	2760	
				026	6	Huntington					35302
				999	9	Balance of county					99999
	036	000	2			Jackson		071	5	0000	
				054	6	Seymour					68832
				999	9	Balance of county					99999
	037	000	2	999	9	Jasper		073	6	0000	
	038	000	2	999	9	Jay		075	6	0000	
	039	000	2			Jefferson		077	5	0000	
				037	6	Madison					45990
				999	9	Balance of county					99999
	040	000	2	999	9	Jennings		079	6	0000	
	041	130	1			Johnson		081	4	3480	
				017	6	Franklin					25450
				021	5	Greenwood					29898
				999	9	Balance of county					99999
	042	000	2			Knox		083	5	0000	
				060	6	Vincennes					79208
				999	9	Balance of county					99999
	043	000	2			Kosciusko		085	4	0000	
				062	6	Warsaw					80306
				999	9	Balance of county					99999
	044	000	2	999	9	Lagrange		087	5	0000	
	045	108	1			Lake		089	2	2960	
				010	6	Crown Point					16138
				011	6	Dyer					19270
				012	5	East Chicago					19486
				018	3	Gary					27000
				022	6	Griffith					30042
				023	4	Hammond					31000
				024	6	Highland					33466
				025	6	Hobart					34114
				032	6	Lake Station					41535
				040	5	Merrillville					48528
				044	6	Munster					51912
				053	6	Schererville					68220
				999	9	Balance of county					99999
	046	000	2			La Porte		091	3	0000	
				033	6	La Porte					42246
				041	5	Michigan City					48798
				999	9	Balance of county					99999
	047	000	2			Lawrence		093	5	0000	
				002	6	Bedford					04114
				999	9	Balance of county					99999
	048	130	1			Madison		095	3	3480	
				001	4	Anderson					01468
				999	9	Balance of county					99999
	049	130	1			Marion		097	1	3480	
				003	6	Beech Grove					04204
				027	1	Indianapolis					36000
				034	5	Lawrence					42426
				057	6	Speedway					71828
				999	9	Balance of county					99999
	050	000	2	999	9	Marshall		099	5	0000	
	051	000	2	999	9	Martin		101	6	0000	
	052	000	2			Miami		103	5	0000	
				049	6	Peru					59328
				999	9	Balance of county					99999
	053	034	1			Monroe		105	3	1020	
				004	4	Bloomington					05860
				999	9	Balance of county					99999
	054	000	2			Montgomery		107	5	0000	
				009	6	Crawfordsville					15742
				999	9	Balance of county					99999
	055	130	1			Morgan		109	4	3480	
				039	6	Martinsville					47448
				999	9	Balance of county					99999
	056	000	2	999	9	Newton		111	6	0000	
	057	000	2	999	9	Noble		113	5	0000	
	058	057	1	999	9	Ohio		115	6	1640	
	059	000	2	999	9	Orange		117	6	0000	
	060	000	2	999	9	Owen		119	6	0000	
	061	000	2	999	9	Parke		121	6	0000	
	062	000	2	999	9	Perry		123	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
15						Indiana	18				
	063	000	2	999	9	Pike		125	6	0000	
	064	108	1			Porter		127	3	2960	
				051	5	Portage					61092
				059	6	Valparaiso					78326
				999	9	Balance of county					99999
	065	089	1	999	9	Posey		129	5	2440	
	066	000	2	999	9	Pulaski		131	6	0000	
	067	000	2	999	9	Putnam		133	5	0000	
	068	000	2	999	9	Randolph		135	5	0000	
	069	000	2	999	9	Ripley		137	6	0000	
	070	000	2	999	9	Rush		139	6	0000	
	071	267	1			St. Joseph		141	3	7800	
				042	5	Mishawaka					49932
				056	3	South Bend					71000
				999	9	Balance of county					99999
	072	169	1	999	9	Scott		143	6	4520	
	073	130	1			Shelby		145	5	3480	
				055	6	Shelbyville					69318
				999	9	Balance of county					99999
	074	000	2	999	9	Spencer		147	6	0000	
	075	000	2	999	9	Starke		149	6	0000	
	076	000	2	999	9	Steuben		151	5	0000	
	077	000	2	999	9	Sullivan		153	6	0000	
	078	000	2	999	9	Switzerland		155	6	0000	
	079	152	1			Tippecanoe		157	3	3920	
				031	5	Lafayette					40788
				064	5	West Lafayette					82862
				999	9	Balance of county					99999
	080	149	1	999	9	Tipton		159	6	3850	
	081	000	2	999	9	Union		161	6	0000	
	082	089	1			Vanderburgh		163	3	2440	
				014	3	Evansville					22000
				999	9	Balance of county					99999
	083	280	1	999	9	Vermillion		165	6	8320	
	084	280	1			Vigo		167	3	8320	
				058	4	Terre Haute					75428
				999	9	Balance of county					99999
	085	000	2			Wabash		169	5	0000	
				061	6	Wabash					79370
				999	9	Balance of county					99999
	086	000	2	999	9	Warren		171	6	0000	
	087	089	1	999	9	Warrick		173	5	2440	
	088	000	2	999	9	Washington		175	6	0000	
	089	000	2			Wayne		177	4	0000	
				052	5	Richmond					64260
				999	9	Balance of county					99999
	090	102	1	999	9	Wells		179	5	2760	
	091	000	2	999	9	White		181	6	0000	
	092	102	1	999	9	Whitley		183	5	2760	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
16						Iowa	19				
	001	000	2	999	9	Adair		001	6	0000	
	002	000	2	999	9	Adams		003	6	0000	
	003	000	2	999	9	Allamakee		005	6	0000	
	004	000	2	999	9	Appanoose		007	6	0000	
	005	000	2	999	9	Audubon		009	6	0000	
	006	000	2	999	9	Benton		011	6	0000	
	007	297	1			Black Hawk		013	3	8920	
				006	5	Cedar Falls					11755
				029	4	Waterloo					82425
				999	9	Balance of county					99999
	008	000	2			Boone		015	5	0000	
				004	6	Boone					07480
				999	9	Balance of county					99999
	009	000	2	999	9	Bremer		017	6	0000	
	010	000	2	999	9	Buchanan		019	6	0000	
	011	000	2	999	9	Buena Vista		021	6	0000	
	012	000	2	999	9	Butler		023	6	0000	
	013	000	2	999	9	Calhoun		025	6	0000	
	014	000	2	999	9	Carroll		027	6	0000	
	015	000	2	999	9	Cass		029	6	0000	
	016	000	2	999	9	Cedar		031	6	0000	
	017	000	2			Cerro Gordo		033	5	0000	
				021	5	Mason City					50160
				999	9	Balance of county					99999
	018	000	2	999	9	Cherokee		035	6	0000	
	019	000	2	999	9	Chickasaw		037	6	0000	
	020	000	2	999	9	Clarke		039	6	0000	
	021	000	2			Clay		041	6	0000	
				027	6	Spencer					74280
				999	9	Balance of county					99999
	022	000	2	999	9	Clayton		043	6	0000	
	023	000	2			Clinton		045	4	0000	
				008	5	Clinton					14430
				999	9	Balance of county					99999
	024	000	2	999	9	Crawford		047	6	0000	
	025	075	1			Dallas		049	5	2120	
				030	5	West Des Moines, part					83910
				999	9	Balance of county					99999
	026	000	2	999	9	Davis		051	6	0000	
	027	000	2	999	9	Decatur		053	6	0000	
	028	000	2	999	9	Delaware		055	6	0000	
	029	000	2			Des Moines		057	5	0000	
				005	5	Burlington					09550
				999	9	Balance of county					99999
	030	000	2	999	9	Dickinson		059	6	0000	
	031	079	1			Dubuque		061	4	2200	
				013	4	Dubuque					22395
				999	9	Balance of county					99999
	032	000	2	999	9	Emmet		063	6	0000	
	033	000	2	999	9	Fayette		065	6	0000	
	034	000	2	999	9	Floyd		067	6	0000	
	035	000	2	999	9	Franklin		069	6	0000	
	036	000	2	999	9	Fremont		071	6	0000	
	037	000	2	999	9	Greene		073	6	0000	
	038	000	2	999	9	Grundy		075	6	0000	
	039	000	2	999	9	Guthrie		077	6	0000	
	040	000	2	999	9	Hamilton		079	6	0000	
	041	000	2	999	9	Hancock		081	6	0000	
	042	000	2	999	9	Hardin		083	6	0000	
	043	000	2	999	9	Harrison		085	6	0000	
	044	000	2	999	9	Henry		087	6	0000	
	045	000	2	999	9	Howard		089	6	0000	
	046	000	2	999	9	Humboldt		091	6	0000	
	047	000	2	999	9	Ida		093	6	0000	
	048	000	2	999	9	Iowa		095	6	0000	
	049	000	2	999	9	Jackson		097	6	0000	
	050	000	2			Jasper		099	5	0000	
				023	6	Newton					56505
				999	9	Balance of county					99999
	051	000	2	999	9	Jefferson		101	6	0000	
	052	131	1			Johnson		103	4	3500	
				009	6	Coralville					16230
				017	4	Iowa City					38595
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
16						Iowa	19				
	053	000	2	999	9	Jones		105	6	0000	
	054	000	2	999	9	Keokuk		107	6	0000	
	055	000	2	999	9	Kossuth		109	6	0000	
	056	000	2			Lee		111	5	0000	
				015	6	Fort Madison					28605
				018	6	Keokuk					40845
				999	9	Balance of county					99999
	057	047	1			Linn		113	3	1360	
				007	3	Cedar Rapids					12000
				019	6	Marion					49485
				999	9	Balance of county					99999
	058	000	2	999	9	Louisa		115	6	0000	
	059	000	2	999	9	Lucas		117	6	0000	
	060	000	2	999	9	Lyon		119	6	0000	
	061	000	2	999	9	Madison		121	6	0000	
	062	000	2			Mahaska		123	6	0000	
				024	6	Oskaloosa					59925
				999	9	Balance of county					99999
	063	000	2	999	9	Marion		125	5	0000	
	064	000	2			Marshall		127	5	0000	
				020	5	Marshalltown					49755
				999	9	Balance of county					99999
	065	000	2	999	9	Mills		129	6	0000	
	066	000	2	999	9	Mitchell		131	6	0000	
	067	000	2	999	9	Monona		133	6	0000	
	068	000	2	999	9	Monroe		135	6	0000	
	069	000	2	999	9	Montgomery		137	6	0000	
	070	000	2			Muscatine		139	5	0000	
				022	6	Muscatine					55110
				999	9	Balance of county					99999
	071	000	2	999	9	O'Brien		141	6	0000	
	072	000	2	999	9	Osceola		143	6	0000	
	073	000	2	999	9	Page		145	6	0000	
	074	000	2	999	9	Palo Alto		147	6	0000	
	075	000	2	999	9	Plymouth		149	6	0000	
	076	000	2	999	9	Pocahontas		151	6	0000	
	077	075	1			Polk		153	2	2120	
				002	6	Ankeny					02305
				012	3	Des Moines					21000
				028	6	Urbandale					79950
				030	5	West Des Moines, part					83910
				999	9	Balance of county					99999
	078	206	1			Pottawattamie		155	4	5920	
				010	4	Council Bluffs					16860
				999	9	Balance of county					99999
	079	000	2	999	9	Poweshiek		157	6	0000	
	080	000	2	999	9	Ringgold		159	6	0000	
	081	000	2	999	9	Sac		161	6	0000	
	082	069	1			Scott		163	3	1960	
				003	5	Bettendorf					06355
				011	4	Davenport					19000
				999	9	Balance of county					99999
	083	000	2	999	9	Shelby		165	6	0000	
	084	000	2	999	9	Sioux		167	5	0000	
	085	000	2			Story		169	4	0000	
				001	5	Ames					01855
				999	9	Balance of county					99999
	086	000	2	999	9	Tama		171	6	0000	
	087	000	2	999	9	Taylor		173	6	0000	
	088	000	2	999	9	Union		175	6	0000	
	089	000	2	999	9	Van Buren		177	6	0000	
	090	000	2			Wapello		179	5	0000	
				025	6	Ottumwa					60465
				999	9	Balance of county					99999
	091	075	1			Warren		181	5	2120	
				016	6	Indianola					38280
				999	9	Balance of county					99999
	092	000	2	999	9	Washington		183	6	0000	
	093	000	2	999	9	Wayne		185	6	0000	
	094	000	2			Webster		187	5	0000	
				014	5	Fort Dodge					28515
				999	9	Balance of county					99999
	095	000	2	999	9	Winnebago		189	6	0000	
	096	000	2	999	9	Winneshiek		191	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
16						Iowa	19				
	097	265	1			Woodbury		193	4	7720	
				026	4	Sioux City					73335
				999	9	Balance of county					99999
	098	000	2	999	9	Worth		195	6	0000	
	099	000	2	999	9	Wright		197	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
17						Kansas	20				
	001	000	2	999	9	Allen		001	6	0000	
	002	000	2	999	9	Anderson		003	6	0000	
	003	000	2			Atchison		005	6	0000	
				002	6	Atchison					02900
				999	9	Balance of county					99999
	004	000	2	999	9	Barber		007	6	0000	
	005	000	2			Barton		009	5	0000	
				009	6	Great Bend					28300
				999	9	Balance of county					99999
	006	000	2	999	9	Bourbon		011	6	0000	
	007	000	2	999	9	Brown		013	6	0000	
	008	301	1			Butler		015	4	9040	
				006	6	El Dorado					20075
				999	9	Balance of county					99999
	009	000	2	999	9	Chase		017	6	0000	
	010	000	2	999	9	Chautauqua		019	6	0000	
	011	000	2	999	9	Cherokee		021	6	0000	
	012	000	2	999	9	Cheyenne		023	6	0000	
	013	000	2	999	9	Clark		025	6	0000	
	014	000	2	999	9	Clay		027	6	0000	
	015	000	2	999	9	Cloud		029	6	0000	
	016	000	2	999	9	Coffey		031	6	0000	
	017	000	2	999	9	Comanche		033	6	0000	
	018	000	2			Cowley		035	5	0000	
				001	6	Arkansas City					02300
				034	6	Winfield					79950
				999	9	Balance of county					99999
	019	000	2			Crawford		037	5	0000	
				028	6	Pittsburg					56025
				999	9	Balance of county					99999
	020	000	2	999	9	Decatur		039	6	0000	
	021	000	2	999	9	Dickinson		041	6	0000	
	022	000	2	999	9	Doniphan		043	6	0000	
	023	160	1			Douglas		045	4	4150	
				015	4	Lawrence					38900
				999	9	Balance of county					99999
	024	000	2	999	9	Edwards		047	6	0000	
	025	000	2	999	9	Elk		049	6	0000	
	026	000	2			Ellis		051	5	0000	
				010	6	Hays					31100
				999	9	Balance of county					99999
	027	000	2	999	9	Ellsworth		053	6	0000	
	028	000	2			Finney		055	5	0000	
				008	6	Garden City					25325
				999	9	Balance of county					99999
	029	000	2			Ford		057	5	0000	
				005	6	Dodge City					18250
				999	9	Balance of county					99999
	030	000	2			Franklin		059	6	0000	
				025	6	Ottawa					53550
				999	9	Balance of county					99999
	031	000	2			Geary		061	5	0000	
				013	6	Junction City					35750
				999	9	Balance of county					99999
	032	000	2	999	9	Gove		063	6	0000	
	033	000	2	999	9	Graham		065	6	0000	
	034	000	2	999	9	Grant		067	6	0000	
	035	000	2	999	9	Gray		069	6	0000	
	036	000	2	999	9	Greeley		071	6	0000	
	037	000	2	999	9	Greenwood		073	6	0000	
	038	000	2	999	9	Hamilton		075	6	0000	
	039	000	2	999	9	Harper		077	6	0000	
	040	301	1			Harvey		079	5	9040	
				023	6	Newton					50475
				999	9	Balance of county					99999
	041	000	2	999	9	Haskell		081	6	0000	
	042	000	2	999	9	Hodgeman		083	6	0000	
	043	000	2	999	9	Jackson		085	6	0000	
	044	000	2	999	9	Jefferson		087	6	0000	
	045	000	2	999	9	Jewell		089	6	0000	
	046	145	1			Johnson		091	2	3760	
				017	6	Leawood					39075
				018	5	Lenexa					39350
				022	6	Merriam					46000

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty P/S	P/MSA Place
17						Kansas	20		
	046					Johnson, con.		091 2	3760
				024	4	Olathe			52575
				026	3	Overland Park			53775
				029	6	Prairie Village			57575
				031	5	Shawnee			64500
				999	9	Balance of county			99999
	047	000	2	999	9	Kearny		093 6	0000
	048	000	2	999	9	Kingman		095 6	0000
	049	000	2	999	9	Kiowa		097 6	0000
	050	000	2			Labette		099 6	0000
				027	6	Parsons			54675
				999	9	Balance of county			99999
	051	000	2	999	9	Lane		101 6	0000
	052	145	1			Leavenworth		103 4	3760
				016	5	Leavenworth			39000
				999	9	Balance of county			99999
	053	000	2	999	9	Lincoln		105 6	0000
	054	000	2	999	9	Linn		107 6	0000
	055	000	2	999	9	Logan		109 6	0000
	056	000	2			Lyon		111 5	0000
				007	5	Emporia			21275
				999	9	Balance of county			99999
	057	000	2			McPherson		113 5	0000
				020	6	McPherson			43950
				999	9	Balance of county			99999
	058	000	2	999	9	Marion		115 6	0000
	059	000	2	999	9	Marshall		117 6	0000
	060	000	2	999	9	Meade		119 6	0000
	061	145	1	999	9	Miami		121 6	3760
	062	000	2	999	9	Mitchell		123 6	0000
	063	000	2			Montgomery		125 5	0000
				003	6	Coffeyville			14600
				012	6	Independence			33875
				999	9	Balance of county			99999
	064	000	2	999	9	Morris		127 6	0000
	065	000	2	999	9	Morton		129 6	0000
	066	000	2	999	9	Nemaha		131 6	0000
	067	000	2	999	9	Neosho		133 6	0000
	068	000	2	999	9	Ness		135 6	0000
	069	000	2	999	9	Norton		137 6	0000
	070	000	2	999	9	Osage		139 6	0000
	071	000	2	999	9	Osborne		141 6	0000
	072	000	2	999	9	Ottawa		143 6	0000
	073	000	2	999	9	Pawnee		145 6	0000
	074	000	2	999	9	Phillips		147 6	0000
	075	000	2			Pottawatomie		149 6	0000
				021	5	Manhattan, part			44250
				999	9	Balance of county			99999
	076	000	2	999	9	Pratt		151 6	0000
	077	000	2	999	9	Rawlins		153 6	0000
	078	000	2			Reno		155 4	0000
				011	5	Hutchinson			33625
				999	9	Balance of county			99999
	079	000	2	999	9	Republic		157 6	0000
	080	000	2	999	9	Rice		159 6	0000
	081	000	2			Riley		161 4	0000
				021	5	Manhattan, part			44250
				999	9	Balance of county			99999
	082	000	2	999	9	Rooks		163 6	0000
	083	000	2	999	9	Rush		165 6	0000
	084	000	2	999	9	Russell		167 6	0000
	085	000	2			Saline		169 5	0000
				030	5	Salina			62700
				999	9	Balance of county			99999
	086	000	2	999	9	Scott		171 6	0000
	087	301	1			Sedgwick		173 2	9040
				004	6	Derby			17800
				033	2	Wichita			79000
				999	9	Balance of county			99999
	088	000	2			Seward		175 6	0000
				019	6	Liberal			39825
				999	9	Balance of county			99999
	089	283	1			Shawnee		177 3	8440
				032	3	Topeka			71000

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
17						Kansas	20				
	089					Shawnee, con.		177	3	8440	
				999	9	Balance of county					99999
	090	000	2	999	9	Sheridan		179	6	0000	
	091	000	2	999	9	Sherman		181	6	0000	
	092	000	2	999	9	Smith		183	6	0000	
	093	000	2	999	9	Stafford		185	6	0000	
	094	000	2	999	9	Stanton		187	6	0000	
	095	000	2	999	9	Stevens		189	6	0000	
	096	000	2	999	9	Sumner		191	5	0000	
	097	000	2	999	9	Thomas		193	6	0000	
	098	000	2	999	9	Trego		195	6	0000	
	099	000	2	999	9	Wabaunsee		197	6	0000	
	100	000	2	999	9	Wallace		199	6	0000	
	101	000	2	999	9	Washington		201	6	0000	
	102	000	2	999	9	Wichita		203	6	0000	
	103	000	2	999	9	Wilson		205	6	0000	
	104	000	2	999	9	Woodson		207	6	0000	
	105	145	1			Wyandotte		209	3	3760	
				014	3	Kansas City					36000
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	P/S	P/MSA	Place
18						Kentucky	21			
	001	000	2	999	9	Adair	001	6	0000	
	002	000	2	999	9	Allen	003	6	0000	
	003	000	2	999	9	Anderson	005	6	0000	
	004	000	2	999	9	Ballard	007	6	0000	
	005	000	2			Barren	009	5	0000	
				011	6	Glasgow				31114
				999	9	Balance of county				99999
	006	000	2	999	9	Bath	011	6	0000	
	007	000	2			Bell	013	5	0000	
				019	6	Middlesborough				51924
				999	9	Balance of county				99999
	008	057	1			Boone	015	4	1640	
				007	6	Florence				27982
				999	9	Balance of county				99999
	009	163	1	999	9	Bourbon	017	6	4280	
	010	128	1			Boyd	019	4	3400	
				001	6	Ashland				02368
				999	9	Balance of county				99999
	011	000	2			Boyle	021	5	0000	
				004	6	Danville				19882
				999	9	Balance of county				99999
	012	000	2	999	9	Bracken	023	6	0000	
	013	000	2	999	9	Breathitt	025	6	0000	
	014	000	2	999	9	Breckinridge	027	6	0000	
	015	169	1	999	9	Bullitt	029	5	4520	
	016	000	2	999	9	Butler	031	6	0000	
	017	000	2	999	9	Caldwell	033	6	0000	
	018	000	2			Calloway	035	5	0000	
				020	6	Murray				54642
				999	9	Balance of county				99999
	019	057	1			Campbell	037	4	1640	
				008	6	Fort Thomas				28594
				021	6	Newport				55884
				999	9	Balance of county				99999
	020	000	2	999	9	Carlisle	039	6	0000	
	021	000	2	999	9	Carroll	041	6	0000	
	022	128	1	999	9	Carter	043	6	3400	
	023	000	2	999	9	Casey	045	6	0000	
	024	058	1			Christian	047	4	1660	
				013	5	Hopkinsville				37918
				999	9	Balance of county				99999
	025	163	1			Clark	049	5	4280	
				030	6	Winchester				83676
				999	9	Balance of county				99999
	026	000	2	999	9	Clay	051	6	0000	
	027	000	2	999	9	Clinton	053	6	0000	
	028	000	2	999	9	Crittenden	055	6	0000	
	029	000	2	999	9	Cumberland	057	6	0000	
	030	209	1			Daviess	059	4	5990	
				023	4	Owensboro				58620
				999	9	Balance of county				99999
	031	000	2	999	9	Edmonson	061	6	0000	
	032	000	2	999	9	Elliott	063	6	0000	
	033	000	2	999	9	Estill	065	6	0000	
	034	163	1	016	3	Fayette, coext. with Lexington-Fayette	067	3	4280	46000
	035	000	2	999	9	Fleming	069	6	0000	
	036	000	2	999	9	Floyd	071	5	0000	
	037	000	2			Franklin	073	5	0000	
				009	5	Frankfort				28900
				999	9	Balance of county				99999
	038	000	2	999	9	Fulton	075	6	0000	
	039	057	1	999	9	Gallatin	077	6	1640	
	040	000	2	999	9	Garrard	079	6	0000	
	041	057	1	999	9	Grant	081	6	1640	
	042	000	2	999	9	Graves	083	5	0000	
	043	000	2	999	9	Grayson	085	6	0000	
	044	000	2	999	9	Green	087	6	0000	
	045	128	1	999	9	Greenup	089	5	3400	
	046	000	2	999	9	Hancock	091	6	0000	
	047	000	2			Hardin	093	4	0000	
				005	6	Elizabethtown				24274
				025	6	Radcliff				63912
				999	9	Balance of county				99999
	048	000	2	999	9	Harlan	095	5	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
18						Kentucky	21				
	049	000	2	999	9	Harrison		097	6	0000	
	050	000	2	999	9	Hart		099	6	0000	
	051	089	1			Henderson		101	5	2440	
				012	5	Henderson					35866
				999	9	Balance of county					99999
	052	000	2	999	9	Henry		103	6	0000	
	053	000	2	999	9	Hickman		105	6	0000	
	054	000	2			Hopkins		107	5	0000	
				018	6	Madisonville					49368
				999	9	Balance of county					99999
	055	000	2	999	9	Jackson		109	6	0000	
	056	169	1			Jefferson		111	1	4520	
				015	6	Jeffersontown					40222
				017	2	Louisville					48000
				027	6	St. Matthews					67944
				028	6	Shively					70284
				999	9	Balance of county					99999
	057	163	1			Jessamine		113	5	4280	
				022	6	Nicholasville					56136
				999	9	Balance of county					99999
	058	000	2	999	9	Johnson		115	6	0000	
	059	057	1			Kenton		117	3	1640	
				003	5	Covington					17848
				006	6	Erlanger					25300
				014	6	Independence					39142
				999	9	Balance of county					99999
	060	000	2	999	9	Knott		119	6	0000	
	061	000	2	999	9	Knox		121	5	0000	
	062	000	2	999	9	Larue		123	6	0000	
	063	000	2	999	9	Laurel		125	5	0000	
	064	000	2	999	9	Lawrence		127	6	0000	
	065	000	2	999	9	Lee		129	6	0000	
	066	000	2	999	9	Leslie		131	6	0000	
	067	000	2	999	9	Letcher		133	5	0000	
	068	000	2	999	9	Lewis		135	6	0000	
	069	000	2	999	9	Lincoln		137	6	0000	
	070	000	2	999	9	Livingston		139	6	0000	
	071	000	2	999	9	Logan		141	6	0000	
	072	000	2	999	9	Lyon		143	6	0000	
	073	000	2			McCracken		145	4	0000	
				024	5	Paducah					58836
				999	9	Balance of county					99999
	074	000	2	999	9	McCreary		147	6	0000	
	075	000	2	999	9	McLean		149	6	0000	
	076	163	1			Madison		151	4	4280	
				026	6	Richmond					65226
				999	9	Balance of county					99999
	077	000	2	999	9	Magoffin		153	6	0000	
	078	000	2	999	9	Marion		155	6	0000	
	079	000	2	999	9	Marshall		157	5	0000	
	080	000	2	999	9	Martin		159	6	0000	
	081	000	2	999	9	Mason		161	6	0000	
	082	000	2	999	9	Meade		163	6	0000	
	083	000	2	999	9	Menifee		165	6	0000	
	084	000	2	999	9	Mercer		167	6	0000	
	085	000	2	999	9	Metcalfe		169	6	0000	
	086	000	2	999	9	Monroe		171	6	0000	
	087	000	2	999	9	Montgomery		173	6	0000	
	088	000	2	999	9	Morgan		175	6	0000	
	089	000	2	999	9	Muhlenberg		177	5	0000	
	090	000	2	999	9	Nelson		179	5	0000	
	091	000	2	999	9	Nicholas		181	6	0000	
	092	000	2	999	9	Ohio		183	6	0000	
	093	169	1	999	9	Oldham		185	5	4520	
	094	000	2	999	9	Owen		187	6	0000	
	095	000	2	999	9	Owsley		189	6	0000	
	096	057	1	999	9	Pendleton		191	6	1640	
	097	000	2	999	9	Perry		193	5	0000	
	098	000	2	999	9	Pike		195	4	0000	
	099	000	2	999	9	Powell		197	6	0000	
	100	000	2			Pulaski		199	5	0000	
				029	6	Somerset					71688
				999	9	Balance of county					99999
	101	000	2	999	9	Robertson		201	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
18						Kentucky	21				
	102	000	2	999	9	Rockcastle		203	6	0000	
	103	000	2	999	9	Rowan		205	6	0000	
	104	000	2	999	9	Russell		207	6	0000	
	105	163	1			Scott		209	6	4280	
				010	6	Georgetown					30700
				999	9	Balance of county					99999
	106	000	2	999	9	Shelby		211	6	0000	
	107	000	2	999	9	Simpson		213	6	0000	
	108	000	2	999	9	Spencer		215	6	0000	
	109	000	2	999	9	Taylor		217	6	0000	
	110	000	2	999	9	Todd		219	6	0000	
	111	000	2	999	9	Trigg		221	6	0000	
	112	000	2	999	9	Trimble		223	6	0000	
	113	000	2	999	9	Union		225	6	0000	
	114	000	2			Warren		227	4	0000	
				002	5	Bowling Green					08902
				999	9	Balance of county					99999
	115	000	2	999	9	Washington		229	6	0000	
	116	000	2	999	9	Wayne		231	6	0000	
	117	000	2	999	9	Webster		233	6	0000	
	118	000	2	999	9	Whitley		235	5	0000	
	119	000	2	999	9	Wolfe		237	6	0000	
	120	163	1	999	9	Woodford		239	6	4280	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
19						Louisiana	22				
	001	151	1			Acadia		001	4	3880	
				008	6	Crowley					18650
				009	6	Eunice, part					24565
				999	9	Balance of parish					99999
	002	000	2	999	9	Allen		003	6	0000	
	003	024	1	999	9	Ascension		005	4	0760	
	004	000	2	999	9	Assumption		007	6	0000	
	005	000	2	999	9	Avoyelles		009	5	0000	
	006	000	2	999	9	Beauregard		011	5	0000	
	007	000	2	999	9	Bienville		013	6	0000	
	008	264	1			Bossier		015	4	7680	
				007	4	Bossier City					08920
				026	3	Shreveport, part					70000
				999	9	Balance of parish					99999
	009	264	1			Caddo		017	3	7680	
				026	3	Shreveport, part					70000
				999	9	Balance of parish					99999
	010	153	1			Calcasieu		019	3	3960	
				016	4	Lake Charles					41155
				028	6	Sulphur					73640
				999	9	Balance of parish					99999
	011	000	2	999	9	Caldwell		021	6	0000	
	012	000	2	999	9	Cameron		023	6	0000	
	013	000	2	999	9	Catahoula		025	6	0000	
	014	000	2	999	9	Claiborne		027	6	0000	
	015	000	2	999	9	Concordia		029	6	0000	
	016	000	2	999	9	De Soto		031	5	0000	
	017	024	1			East Baton Rouge		033	2	0760	
				003	6	Baker					03985
				005	3	Baton Rouge					05000
				999	9	Balance of parish					99999
	018	000	2	999	9	East Carroll		035	6	0000	
	019	000	2	999	9	East Feliciana		037	6	0000	
	020	000	2	999	9	Evangeline		039	5	0000	
	021	000	2	999	9	Franklin		041	6	0000	
	022	000	2	999	9	Grant		043	6	0000	
	023	000	2			Iberia		045	4	0000	
				021	5	New Iberia					54035
				999	9	Balance of parish					99999
	024	000	2	999	9	Iberville		047	5	0000	
	025	000	2	999	9	Jackson		049	6	0000	
	026	196	1			Jefferson		051	2	5560	
				010	6	Gretna					31915
				014	4	Kenner					39475
				031	6	Westwego					81165
				999	9	Balance of parish					99999
	027	000	2			Jefferson Davis		053	5	0000	
				013	6	Jennings					38355
				999	9	Balance of parish					99999
	028	151	1			Lafayette		055	3	3880	
				015	4	Lafayette					40735
				999	9	Balance of parish					99999
	029	126	1			Lafourche		057	4	3350	
				029	6	Thibodaux					75425
				999	9	Balance of parish					99999
	030	000	2	999	9	La Salle		059	6	0000	
	031	000	2			Lincoln		061	5	0000	
				025	6	Ruston					66655
				999	9	Balance of parish					99999
	032	024	1	999	9	Livingston		063	4	0760	
	033	000	2	999	9	Madison		065	6	0000	
	034	000	2			Morehouse		067	5	0000	
				004	6	Bastrop					04685
				999	9	Balance of parish					99999
	035	000	2			Natchitoches		069	5	0000	
				020	6	Natchitoches					53545
				999	9	Balance of parish					99999
	036	196	1	022	2	Orleans, coext. with New Orleans city		071	2	5560	55000
	037	187	1			Ouachita		073	3	5200	
				018	4	Monroe					51410
				030	6	West Monroe					80955
				999	9	Balance of parish					99999
	038	196	1	999	9	Plaquemines		075	5	5560	
	039	000	2	999	9	Pointe Coupee		077	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
19						Louisiana	22				
	040	006	1			Rapides		079	3	0220	
				002	5	Alexandria					00975
				024	6	Pineville					60530
				999	9	Balance of parish					99999
	041	000	2	999	9	Red River		081	6	0000	
	042	000	2	999	9	Richland		083	6	0000	
	043	000	2	999	9	Sabine		085	6	0000	
	044	196	1	999	9	St. Bernard		087	4	5560	
	045	196	1	999	9	St. Charles		089	5	5560	
	046	000	2	999	9	St. Helena		091	6	0000	
	047	196	1	999	9	St. James		093	6	5560	
	048	196	1	999	9	St. John the Baptist		095	5	5560	
	049	151	1			St. Landry		097	4	3880	
				009	6	Eunice, part					24565
				023	6	Opelousas					58045
				999	9	Balance of parish					99999
	050	151	1	999	9	St. Martin		099	5	3880	
	051	000	2			St. Mary		101	4	0000	
				019	6	Morgan City					52040
				999	9	Balance of parish					99999
	052	196	1			St. Tammany		103	3	5560	
				027	6	Slidell					70805
				999	9	Balance of parish					99999
	053	000	2			Tangipahoa		105	4	0000	
				011	6	Hammond					32755
				999	9	Balance of parish					99999
	054	000	2	999	9	Tensas		107	6	0000	
	055	126	1			Terrebonne		109	4	3350	
				012	5	Houma					36255
				999	9	Balance of parish					99999
	056	000	2	999	9	Union		111	6	0000	
	057	000	2			Vermilion		113	4	0000	
				001	6	Abbeville					00100
				999	9	Balance of parish					99999
	058	000	2	999	9	Vernon		115	4	0000	
	059	000	2			Washington		117	5	0000	
				006	6	Bogalusa					08150
				999	9	Balance of parish					99999
	060	264	1			Webster		119	5	7680	
				017	6	Minden					50885
				999	9	Balance of parish					99999
	061	024	1	999	9	West Baton Rouge		121	6	0760	
	062	000	2	999	9	West Carroll		123	6	0000	
	063	000	2	999	9	West Feliciana		125	6	0000	
	064	000	2	999	9	Winn		127	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
20						Maine	23				
	001	162	1			Androscoggin		001	3	4243	
				001	6	Auburn					02060
				005	5	Lewiston					38740
				999	9	Balance of county					99999
	002	000	2			Aroostook		003	4	0000	
				007	6	Presque Isle					60825
				999	9	Balance of county					99999
	003	219	1			Cumberland		005	3	6403	
				006	4	Portland					60545
				009	6	South Portland					71990
				011	6	Westbrook					82105
				999	9	Balance of county					99999
	004	000	2	999	9	Franklin		007	5	0000	
	005	000	2	999	9	Hancock		009	5	0000	
	006	000	2			Kennebec		011	3	0000	
				002	6	Augusta					02100
				010	6	Waterville					80740
				999	9	Balance of county					99999
	007	000	2	999	9	Knox		013	5	0000	
	008	000	2	999	9	Lincoln		015	5	0000	
	009	000	2	999	9	Oxford		017	4	0000	
	010	022	1			Penobscot		019	3	0733	
				003	5	Bangor					02795
				999	9	Balance of county					99999
	011	000	2	999	9	Piscataquis		021	6	0000	
	012	000	2	999	9	Sagadahoc		023	5	0000	
	013	000	2	999	9	Somerset		025	5	0000	
	014	000	2	999	9	Waldo		027	5	0000	
	015	000	2	999	9	Washington		029	5	0000	
	016	000	2			York		031	3	0000	
				004	6	Biddeford					04860
				008	6	Saco					64675
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
21						Maryland	24				
	001	066	1			Allegany		001	4	1900	
				007	6	Cumberland					21325
				999	9	Balance of county					99999
	002	021	1			Anne Arundel		003	2	0720	
				002	5	Annapolis					01600
				999	9	Balance of county					99999
	003	021	1	999	9	Baltimore		005	1	0720	
	004	021	1	003	1	Baltimore city		510	1	0720	04000
	005	296	1	999	9	Calvert		009	4	8840	
	006	000	2	999	9	Caroline		011	5	0000	
	007	021	1			Carroll		013	3	0720	
				018	6	Westminster					83100
				999	9	Balance of county					99999
	008	304	1	999	9	Cecil		015	4	9160	
	009	296	1	999	9	Charles		017	3	8840	
	010	000	2			Dorchester		019	5	0000	
				005	6	Cambridge					12400
				999	9	Balance of county					99999
	011	296	1			Frederick		021	3	8840	
				008	5	Frederick					30325
				999	9	Balance of county					99999
	012	000	2	999	9	Garrett		023	5	0000	
	013	021	1			Harford		025	3	0720	
				001	6	Aberdeen					00125
				999	9	Balance of county					99999
	014	021	1	999	9	Howard		027	3	0720	
	015	000	2	999	9	Kent		029	6	0000	
	016	296	1			Montgomery		031	1	8840	
				009	5	Gaithersburg					31175
				015	5	Rockville					67675
				017	6	Takoma Park, part					76650
				999	9	Balance of county					99999
	017	296	1			Prince George's		033	1	8840	
				004	5	Bowie					08775
				006	6	College Park					18750
				010	6	Greenbelt					34775
				012	6	Hyattsville					41250
				013	6	Laurel					45900
				014	6	New Carrollton					55400
				017	6	Takoma Park, part					76650
				999	9	Balance of county					99999
	018	021	1	999	9	Queen Anne's		035	5	0720	
	019	000	2	999	9	St. Mary's		037	4	0000	
	020	000	2	999	9	Somerset		039	6	0000	
	021	000	2	999	9	Talbot		041	5	0000	
	022	119	1			Washington		043	3	3180	
				011	5	Hagerstown					36075
				999	9	Balance of county					99999
	023	000	2			Wicomico		045	4	0000	
				016	6	Salisbury					69925
				999	9	Balance of county					99999
	024	000	2	999	9	Worcester		047	5	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
22						Massachusetts	25				
	001	023	1			Barnstable		001	3	0743	
				008	5	Barnstable town					03635
				031	5	Falmouth town					23105
				999	9	Balance of county					99999
	002	218	1			Berkshire		003	3	6323	
				062	6	North Adams					46225
				067	5	Pittsfield					53960
				999	9	Balance of county					99999
	003	037	1			Bristol		005	1	1123	
				007	5	Attleboro					02690
				023	5	Dartmouth town					16425
				029	6	Fairhaven town					22130
				030	4	Fall River					23000
				059	4	New Bedford					45000
				064	5	North Attleborough town					46575
				077	6	Somerset town					62430
				083	5	Taunton					69170
				999	9	Balance of county					99999
	004	000	2	999	9	Dukes		007	6	0000	
	005	037	1			Essex		009	1	1123	
				003	6	Amesbury town					01185
				005	5	Andover town					01465
				010	5	Beverly					05595
				022	6	Danvers town					16250
				035	5	Gloucester					26150
				036	4	Haverhill					29405
				041	4	Lawrence					34550
				046	4	Lynn					37490
				047	6	Lynnfield town					37560
				049	6	Marblehead town					38400
				054	5	Methuen town					40675
				060	6	Newburyport					45245
				066	5	Peabody					52490
				074	5	Salem					59105
				075	5	Saugus town					60015
				082	6	Swampscott town					68645
				999	9	Balance of county					99999
	006	000	2	999	9	Franklin		011	4	0000	
	007	271	1			Hampden		013	2	8003	
				002	5	Agawam town					00800
				020	4	Chicopee					13660
				027	6	East Longmeadow town					19645
				038	5	Holyoke					30840
				044	6	Longmeadow town					36300
				079	3	Springfield					67000
				090	5	Westfield					76030
				091	5	West Springfield town					77850
				999	9	Balance of county					99999
	008	271	1			Hampshire		015	3	8003	
				004	5	Amherst town					01325
				026	6	Easthampton town					19330
				063	5	Northampton					46330
				999	9	Balance of county					99999
	009	037	1			Middlesex		017	0	1123	
				006	5	Arlington town					01605
				009	6	Belmont town					05070
				011	5	Billerica town					05805
				016	6	Burlington town					09840
				017	4	Cambridge					11000
				018	5	Chelmsford town					13135
				025	5	Dracut town					17475
				028	5	Everett					21990
				033	4	Framingham town					24925
				039	6	Hudson town					31540
				043	5	Lexington town					35215
				045	3	Lowell					37000
				048	4	Malden					37875
				050	5	Marlborough					38715
				051	6	Maynard town					39625
				052	4	Medford					39835
				053	5	Melrose					40115
				057	5	Natick town					43895
				061	4	Newton					45560
				071	6	Reading town					56130

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty P/S	P/MSA Place
22						Massachusetts	25		
	009					Middlesex, con.		017 0	1123
				078	4	Somerville			62535
				080	6	Stoneham town			67665
				084	5	Tewksbury town			69415
				085	6	Wakefield town			72215
				086	4	Waltham			72600
				087	5	Watertown town			73405
				095	6	Wilmington town			80230
				096	6	Winchester town			80510
				098	5	Woburn			81035
				999	9	Balance of county			99999
	010	000	2	999	9	Nantucket		019 6	0000
	011	037	1			Norfolk		021 1	1123
				013	5	Braintree town			07665
				015	4	Brookline town			09175
				024	6	Dedham town			16495
				037	6	Holbrook town			30455
				056	5	Milton town			41690
				058	5	Needham town			44105
				065	5	Norwood town			50250
				069	4	Quincy			55745
				070	5	Randolph town			55955
				081	5	Stoughton town			67945
				089	5	Wellesley town			74175
				092	6	Westwood town			78690
				093	4	Weymouth town			78865
				999	9	Balance of county			99999
	012	037	1			Plymouth		023 2	1123
				001	6	Abington town			00170
				014	4	Brockton			09000
				040	6	Hull town			31645
				068	5	Plymouth town			54310
				073	6	Rockland town			57775
				094	6	Whitman town			79530
				999	9	Balance of county			99999
	013	037	1			Suffolk		025 1	1123
				012	1	Boston			07000
				019	5	Chelsea			13205
				072	5	Revere			56585
				097	6	Winthrop town			80930
	014	037	1			Worcester		027 1	1123
				021	6	Clinton town			14395
				032	5	Fitchburg			23875
				034	6	Gardner			25485
				042	5	Leominster			35075
				055	5	Milford town			41165
				076	6	Shrewsbury town			61800
				088	6	Webster town			73895
				099	3	Worcester			82000
				999	9	Balance of county			99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
23						Michigan	26				
	001	000	2	999	9	Alcona		001	6	0000	
	002	000	2	999	9	Alger		003	6	0000	
	003	112	1			Allegan		005	4	3000	
				051	5	Holland, part					38640
				999	9	Balance of county					99999
	004	000	2			Alpena		007	5	0000	
				004	6	Alpena					01740
				999	9	Balance of county					99999
	005	000	2	999	9	Antrim		009	6	0000	
	006	000	2	999	9	Arenac		011	6	0000	
	007	000	2	999	9	Baraga		013	6	0000	
	008	000	2	999	9	Barry		015	4	0000	
	009	240	1			Bay		017	3	6960	
				007	6	Bangor township					05120
				009	5	Bay City					06020
				064	5	Midland, part					53780
				999	9	Balance of county					99999
	010	000	2	999	9	Benzie		019	6	0000	
	011	027	1			Berrien		021	3	0870	
				010	6	Benton Harbor					07520
				071	6	Niles, part					57760
				999	9	Balance of county					99999
	012	000	2	999	9	Branch		023	5	0000	
	013	143	1			Calhoun		025	3	3720	
				002	6	Albion					00980
				008	4	Battle Creek					05920
				999	9	Balance of county					99999
	014	000	2			Cass		027	5	0000	
				071	6	Niles, part					57760
				999	9	Balance of county					99999
	015	000	2	999	9	Charlevoix		029	6	0000	
	016	000	2	999	9	Cheboygan		031	6	0000	
	017	000	2			Chippewa		033	5	0000	
				091	6	Sault Ste. Marie					71740
				999	9	Balance of county					99999
	018	000	2	999	9	Clare		035	6	0000	
	019	156	1	999	9	Clinton		037	4	4040	
	020	000	2	999	9	Crawford		039	6	0000	
	021	000	2			Delta		041	5	0000	
				030	6	Escanaba					26360
				999	9	Balance of county					99999
	022	000	2	999	9	Dickinson		043	5	0000	
	023	156	1			Eaton		045	4	4040	
				024	5	Delta township					21520
				057	3	Lansing, part					46000
				999	9	Balance of county					99999
	024	000	2	999	9	Emmet		047	5	0000	
	025	093	1			Genesee		049	2	2640	
				016	5	Burton					12060
				034	3	Flint					29000
				035	5	Flint township					29020
				039	5	Grand Blanc township					33300
				067	5	Mount Morris township					55980
				999	9	Balance of county					99999
	026	000	2	999	9	Gladwin		051	6	0000	
	027	000	2	999	9	Gogebic		053	6	0000	
	028	000	2			Grand Traverse		055	4	0000	
				098	6	Traverse City, part					80340
				999	9	Balance of county					99999
	029	000	2	999	9	Gratiot		057	5	0000	
	030	000	2	999	9	Hillsdale		059	5	0000	
	031	000	2	999	9	Houghton		061	5	0000	
	032	000	2	999	9	Huron		063	5	0000	
	033	156	1			Ingham		065	2	4040	
				028	4	East Lansing					24120
				057	3	Lansing, part					46000
				063	5	Meridian township					53140
				999	9	Balance of county					99999
	034	000	2	999	9	Ionia		067	4	0000	
	035	000	2	999	9	Iosco		069	5	0000	
	036	000	2	999	9	Iron		071	6	0000	
	037	000	2			Isabella		073	4	0000	
				068	6	Mount Pleasant					56020
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
23						Michigan	26				
	038	132	1			Jackson		075	3	3520	
				053	5	Jackson					41420
				999	9	Balance of county					99999
	039	143	1			Kalamazoo		077	3	3720	
				054	4	Kalamazoo					42160
				055	6	Kalamazoo township					42180
				079	5	Portage					65560
				999	9	Balance of county					99999
	040	000	2	999	9	Kalkaska		079	6	0000	
	041	112	1			Kent		081	1	3000	
				027	6	East Grand Rapids					23980
				041	3	Grand Rapids					34000
				042	6	Grandville					34160
				056	5	Kentwood					42820
				101	6	Walker					82960
				109	4	Wyoming					88940
				999	9	Balance of county					99999
	042	000	2	999	9	Keweenaw		083	6	0000	
	043	000	2	999	9	Lake		085	6	0000	
	044	076	1	999	9	Lapeer		087	4	2160	
	045	000	2			Leelanau		089	6	0000	
				098	6	Traverse City, part					80340
				999	9	Balance of county					99999
	046	011	1			Lenawee		091	4	0440	
				001	6	Adrian					00440
				999	9	Balance of county					99999
	047	011	1	999	9	Livingston		093	3	0440	
	048	000	2	999	9	Luce		095	6	0000	
	049	000	2	999	9	Mackinac		097	6	0000	
	050	076	1			Macomb		099	1	2160	
				019	5	Chesterfield township					15340
				021	4	Clinton township					16520
				026	5	East Detroit					23920
				036	6	Fraser					30420
				048	6	Harrison township					36820
				066	6	Mount Clemens					55820
				086	4	Roseville					69800
				090	4	St. Clair Shores					70760
				092	5	Shelby township					72820
				095	3	Sterling Heights					76460
				102	3	Warren					84000
				999	9	Balance of county					99999
	051	000	2	999	9	Manistee		101	6	0000	
	052	000	2			Marquette		103	4	0000	
				061	6	Marquette					51900
				999	9	Balance of county					99999
	053	000	2	999	9	Mason		105	5	0000	
	054	000	2			Mecosta		107	5	0000	
				013	6	Big Rapids					08300
				999	9	Balance of county					99999
	055	000	2	999	9	Menominee		109	6	0000	
	056	240	1			Midland		111	4	6960	
				064	5	Midland, part					53780
				999	9	Balance of county					99999
	057	000	2	999	9	Missaukee		113	6	0000	
	058	076	1			Monroe		115	3	2160	
				065	6	Monroe					55020
				999	9	Balance of county					99999
	059	000	2	999	9	Montcalm		117	4	0000	
	060	000	2	999	9	Montmorency		119	6	0000	
	061	112	1			Muskegon		121	3	3000	
				069	5	Muskegon					56320
				070	6	Muskegon Heights					56360
				073	6	Norton Shores					59140
				999	9	Balance of county					99999
	062	000	2	999	9	Newaygo		123	5	0000	
	063	076	1			Oakland		125	0	2160	
				006	6	Auburn Hills					04105
				011	6	Berkley					07660
				012	6	Beverly Hills village					08160
				014	6	Birmingham					08640
				015	5	Bloomfield township					09100
				020	6	Clawson					16160
				031	6	Farmington					27380

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St Cnty	P/S	P/MSA	Place
23						Michigan	26			
	063					Oakland, con.	125	0	2160	
				032	4	Farmington Hills				27440
				033	5	Ferndale				27880
				049	6	Hazel Park				37420
				060	5	Madison Heights				50560
				074	5	Novi				59440
				075	5	Oak Park				59920
				078	4	Pontiac				65440
				084	4	Rochester Hills				69035
				087	4	Royal Oak				70040
				093	4	Southfield				74900
				100	4	Troy				80700
				103	4	Waterford township				84240
				105	4	West Bloomfield township				85490
				999	9	Balance of county				99999
	064	000	2	999	9	Oceana	127	6	0000	
	065	000	2	999	9	Ogemaw	129	6	0000	
	066	000	2	999	9	Ontonagon	131	6	0000	
	067	000	2	999	9	Osceola	133	6	0000	
	068	000	2	999	9	Oscoda	135	6	0000	
	069	000	2	999	9	Otsego	137	6	0000	
	070	112	1			Ottawa	139	3	3000	
				038	5	Georgetown township				31880
				040	6	Grand Haven				33340
				051	5	Holland, part				38640
				999	9	Balance of county				99999
	071	000	2	999	9	Presque Isle	141	6	0000	
	072	000	2	999	9	Roscommon	143	6	0000	
	073	240	1			Saginaw	145	3	6960	
				088	4	Saginaw				70520
				089	5	Saginaw township				70540
				999	9	Balance of county				99999
	074	076	1			St. Clair	147	3	2160	
				080	5	Port Huron				65820
				999	9	Balance of county				99999
	075	000	2			St. Joseph	149	4	0000	
				096	6	Sturgis				76960
				999	9	Balance of county				99999
	076	000	2	999	9	Sanilac	151	5	0000	
	077	000	2	999	9	Schoolcraft	153	6	0000	
	078	000	2			Shiawassee	155	4	0000	
				076	6	Owosso				61940
				999	9	Balance of county				99999
	079	000	2	999	9	Tuscola	157	4	0000	
	080	143	1	999	9	Van Buren	159	4	3720	
	081	011	1			Washtenaw	161	2	0440	
				005	3	Ann Arbor				03000
				110	6	Ypsilanti				89140
				111	5	Ypsilanti township				89160
				999	9	Balance of county				99999
	082	076	1			Wayne	163	0	2160	
				003	5	Allen Park				01380
				018	4	Canton township				13120
				022	4	Dearborn				21000
				023	4	Dearborn Heights				21020
				025	0	Detroit				22000
				029	6	Ecorse				24740
				037	5	Garden City				31420
				043	6	Grosse Pointe Farms				35520
				044	6	Grosse Pointe Park				35540
				045	6	Grosse Pointe Woods				35580
				046	6	Hamtramck				36280
				047	6	Harper Woods				36700
				050	6	Highland Park				38180
				052	5	Inkster				40680
				058	5	Lincoln Park				47800
				059	3	Livonia				49000
				062	6	Melvindale				52940
				072	6	Northville township				59000
				077	6	Plymouth township				65088
				081	4	Redford township				67660
				082	6	River Rouge				68760
				083	6	Riverview				68880
				085	6	Romulus				69420

Vital Statistics Codes							FIPS Codes				
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
23						Michigan	26				
	082					Wayne, con.		163	0	2160	
				094	5	Southgate					74960
				097	4	Taylor					79000
				099	6	Trenton					80420
				104	6	Wayne					84940
				106	4	Westland					86000
				107	6	Woodhaven					88380
				108	5	Wyandotte					88900
				999	9	Balance of county					99999
	083	000	2			Wexford		165	5	0000	
				017	6	Cadillac					12320
				999	9	Balance of county					99999

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
24						Minnesota	27				
	001	000	2	999	9	Aitkin		001	6	0000	
	002	183	1			Anoka		003	3	5120	
				002	6	Andover					01486
				003	6	Anoka					01720
				007	5	Blaine, part					06382
				017	6	Columbia Heights					12700
				018	4	Coon Rapids					13114
				029	5	Fridley					22814
				055	6	Ramsey					53026
				999	9	Balance of county					99999
	003	000	2	999	9	Becker		005	5	0000	
	004	000	2			Beltrami		007	5	0000	
				006	6	Bemidji					05068
				999	9	Balance of county					99999
	005	241	1			Benton		009	5	6980	
				061	5	St. Cloud, part					56896
				999	9	Balance of county					99999
	006	000	2	999	9	Big Stone		011	6	0000	
	007	000	2			Blue Earth		013	4	0000	
				037	5	Mankato, part					39878
				049	6	North Mankato, part					47068
				999	9	Balance of county					99999
	008	000	2			Brown		015	5	0000	
				047	6	New Ulm					46042
				999	9	Balance of county					99999
	009	000	2			Carlton		017	5	0000	
				016	6	Cloquet					12160
				999	9	Balance of county					99999
	010	183	1			Carver		019	5	5120	
				014	6	Chanhassen, part					10918
				015	6	Chaska					10972
				999	9	Balance of county					99999
	011	000	2	999	9	Cass		021	6	0000	
	012	000	2	999	9	Chippewa		023	6	0000	
	013	183	1	999	9	Chisago		025	5	5120	
	014	090	1			Clay		027	4	2520	
				043	5	Moorhead					43864
				999	9	Balance of county					99999
	015	000	2	999	9	Clearwater		029	6	0000	
	016	000	2	999	9	Cook		031	6	0000	
	017	000	2	999	9	Cottonwood		033	6	0000	
	018	000	2			Crow Wing		035	5	0000	
				009	6	Brainerd					07300
				999	9	Balance of county					99999
	019	183	1			Dakota		037	2	5120	
				004	5	Apple Valley					01900
				012	4	Burnsville					08794
				022	5	Eagan					17288
				031	6	Hastings, part					27530
				035	6	Inver Grove Heights					31076
				036	6	Lakeville					35180
				048	6	Northfield, part					46924
				066	6	South St. Paul					61510
				069	6	West St. Paul					69718
				999	9	Balance of county					99999
	020	000	2	999	9	Dodge		039	6	0000	
	021	000	2	999	9	Douglas		041	5	0000	
	022	000	2	999	9	Faribault		043	6	0000	
	023	000	2	999	9	Fillmore		045	6	0000	
	024	000	2			Freeborn		047	5	0000	
				001	6	Albert Lea					00694
				999	9	Balance of county					99999
	025	000	2			Goodhue		049	5	0000	
				056	6	Red Wing					53620
				999	9	Balance of county					99999
	026	000	2	999	9	Grant		051	6	0000	
	027	183	1			Hennepin		053	0	5120	
				008	4	Bloomington					06616
				010	5	Brooklyn Center					07948
				011	4	Brooklyn Park					07966
				013	6	Champlin					10846
				014	6	Chanhassen, part					10918
				020	6	Crystal					14158
				023	5	Eden Prairie					18116

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty P/S	P/MSA Place
24						Minnesota	27		
	027					Hennepin, con.		053 0	5120
				024	5	Edina			18188
				030	6	Golden Valley			24308
				033	6	Hopkins			30140
				038	5	Maple Grove			40166
				041	2	Minneapolis			43000
				042	5	Minnetonka			43252
				046	6	New Hope			45628
				053	4	Plymouth			51730
				057	5	Richfield			54214
				058	6	Robbinsdale			54808
				062	5	St. Louis Park			57220
				999	9	Balance of county			99999
	028	150	1	999	9	Houston	055	6	3870
	029	000	2	999	9	Hubbard	057	6	0000
	030	183	1	999	9	Isanti	059	5	5120
	031	000	2	999	9	Itasca	061	5	0000
	032	000	2	999	9	Jackson	063	6	0000
	033	000	2	999	9	Kanabec	065	6	0000
	034	000	2			Kandiyohi	067	5	0000
				071	6	Willmar			70420
				999	9	Balance of county			99999
	035	000	2	999	9	Kittson	069	6	0000
	036	000	2	999	9	Koochiching	071	6	0000
	037	000	2	999	9	Lac qui Parle	073	6	0000
	038	000	2	999	9	Lake	075	6	0000
	039	000	2	999	9	Lake of the Woods	077	6	0000
	040	000	2	999	9	Le Sueur	079	6	0000
	041	000	2	999	9	Lincoln	081	6	0000
	042	000	2			Lyon	083	6	0000
				040	6	Marshall			40688
				999	9	Balance of county			99999
	043	000	2			McLeod	085	5	0000
				034	6	Hutchinson			30644
				999	9	Balance of county			99999
	044	000	2	999	9	Mahnomen	087	6	0000
	045	000	2	999	9	Marshall	089	6	0000
	046	000	2			Martin	091	6	0000
				026	6	Fairmont			20330
				999	9	Balance of county			99999
	047	000	2	999	9	Meeker	093	6	0000
	048	000	2	999	9	Mille Lacs	095	6	0000
	049	000	2	999	9	Morrison	097	5	0000
	050	000	2			Mower	099	5	0000
				005	6	Austin			02908
				999	9	Balance of county			99999
	051	000	2	999	9	Murray	101	6	0000
	052	000	2			Nicollet	103	5	0000
				037	5	Mankato, part			39878
				049	6	North Mankato, part			47068
				999	9	Balance of county			99999
	053	000	2	999	9	Nobles	105	6	0000
	054	000	2	999	9	Norman	107	6	0000
	055	235	1			Olmsted	109	3	6820
				059	4	Rochester			54880
				999	9	Balance of county			99999
	056	000	2			Otter Tail	111	4	0000
				028	6	Fergus Falls			20906
				999	9	Balance of county			99999
	057	000	2	999	9	Pennington	113	6	0000
	058	000	2	999	9	Pine	115	6	0000
	059	000	2	999	9	Pipestone	117	6	0000
	060	111	1	999	9	Polk	119	5	2985
	061	000	2	999	9	Pope	121	6	0000
	062	183	1			Ramsey	123	2	5120
				007	5	Blaine, part			06382
				039	5	Maplewood			40382
				044	6	Mounds View			44530
				045	6	New Brighton			45430
				050	6	North St. Paul			47284
				060	5	Roseville			55852
				063	2	St. Paul			58000
				065	6	Shoreview			59998
				068	6	Vadnais Heights			66460

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
24						Minnesota	27				
	062					Ramsey, con.		123	2	5120	
				070	6	White Bear Lake, part					69970
				999	9	Balance of county					99999
	063	000	2	999	9	Red Lake		125	6	0000	
	064	000	2	999	9	Redwood		127	6	0000	
	065	000	2	999	9	Renville		129	6	0000	
	066	000	2			Rice		131	5	0000	
				027	6	Faribault					20546
				048	6	Northfield, part					46924
				999	9	Balance of county					99999
	067	000	2	999	9	Rock		133	6	0000	
	068	000	2	999	9	Roseau		135	6	0000	
	069	080	1			St. Louis		137	3	2240	
				021	4	Duluth					17000
				032	6	Hibbing					28790
				999	9	Balance of county					99999
	070	183	1			Scott		139	4	5120	
				054	6	Prior Lake					52594
				064	6	Shakopee					59350
				999	9	Balance of county					99999
	071	183	1			Sherburne		141	5	5120	
				025	6	Elk River					18674
				061	5	St. Cloud, part					56896
				999	9	Balance of county					99999
	072	000	2	999	9	Sibley		143	6	0000	
	073	241	1			Stearns		145	3	6980	
				061	5	St. Cloud, part					56896
				999	9	Balance of county					99999
	074	000	2			Steele		147	5	0000	
				052	6	Owatonna					49300
				999	9	Balance of county					99999
	075	000	2	999	9	Stevens		149	6	0000	
	076	000	2	999	9	Swift		151	6	0000	
	077	000	2	999	9	Todd		153	6	0000	
	078	000	2	999	9	Traverse		155	6	0000	
	079	000	2	999	9	Wabasha		157	6	0000	
	080	000	2	999	9	Wadena		159	6	0000	
	081	000	2	999	9	Waseca		161	6	0000	
	082	183	1			Washington		163	3	5120	
				019	6	Cottage Grove					13456
				031	6	Hastings, part					27530
				051	6	Oakdale					47680
				067	6	Stillwater					62824
				070	6	White Bear Lake, part					69970
				073	6	Woodbury					71428
				999	9	Balance of county					99999
	083	000	2	999	9	Watonwan		165	6	0000	
	084	000	2	999	9	Wilkin		167	6	0000	
	085	000	2			Winona		169	5	0000	
				072	5	Winona					71032
				999	9	Balance of county					99999
	086	183	1	999	9	Wright		171	4	5120	
	087	000	2	999	9	Yellow Medicine		173	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
25						Mississippi	28				
	001	000	2			Adams		001	5	0000	
				023	6	Natchez					50440
				999	9	Balance of county					99999
	002	000	2			Alcorn		003	5	0000	
				009	6	Corinth					15700
				999	9	Balance of county					99999
	003	000	2	999	9	Amite		005	6	0000	
	004	000	2	999	9	Attala		007	6	0000	
	005	000	2	999	9	Benton		009	6	0000	
	006	000	2			Bolivar		011	5	0000	
				006	6	Cleveland					14260
				999	9	Balance of county					99999
	007	000	2	999	9	Calhoun		013	6	0000	
	008	000	2	999	9	Carroll		015	6	0000	
	009	000	2	999	9	Chickasaw		017	6	0000	
	010	000	2	999	9	Choctaw		019	6	0000	
	011	000	2	999	9	Claiborne		021	6	0000	
	012	000	2	999	9	Clarke		023	6	0000	
	013	000	2	999	9	Clay		025	6	0000	
	014	000	2			Coahoma		027	5	0000	
				005	6	Clarksdale					13820
				999	9	Balance of county					99999
	015	000	2	999	9	Copiah		029	5	0000	
	016	000	2	999	9	Covington		031	6	0000	
	017	178	1			De Soto		033	4	4920	
				030	6	Southaven					69280
				999	9	Balance of county					99999
	018	123	1			Forrest		035	4	3285	
				015	5	Hattiesburg, part					31020
				999	9	Balance of county					99999
	019	000	2	999	9	Franklin		037	6	0000	
	020	000	2	999	9	George		039	6	0000	
	021	000	2	999	9	Greene		041	6	0000	
	022	000	2			Grenada		043	6	0000	
				013	6	Grenada					29460
				999	9	Balance of county					99999
	023	030	1	999	9	Hancock		045	5	0920	
	024	030	1			Harrison		047	3	0920	
				001	5	Biloxi					06220
				014	5	Gulfport					29700
				019	6	Long Beach					41680
				999	9	Balance of county					99999
	025	133	1			Hinds		049	2	3560	
				007	6	Clinton					14420
				017	3	Jackson, part					36000
				999	9	Balance of county					99999
	026	000	2	999	9	Holmes		051	6	0000	
	027	000	2	999	9	Humphreys		053	6	0000	
	028	000	2	999	9	Issaquena		055	6	0000	
	029	000	2	999	9	Itawamba		057	6	0000	
	030	030	1			Jackson		059	3	0920	
				010	6	Gautier					26860
				022	6	Moss Point					49240
				024	6	Ocean Springs					53520
				026	5	Pascagoula					55360
				999	9	Balance of county					99999
	031	000	2	999	9	Jasper		061	6	0000	
	032	000	2	999	9	Jefferson		063	6	0000	
	033	000	2	999	9	Jefferson Davis		065	6	0000	
	034	000	2			Jones		067	4	0000	
				018	6	Laurel					39640
				999	9	Balance of county					99999
	035	000	2	999	9	Kemper		069	6	0000	
	036	000	2			Lafayette		071	5	0000	
				025	6	Oxford					54840
				999	9	Balance of county					99999
	037	123	1			Lamar		073	5	3285	
				015	5	Hattiesburg, part					31020
				999	9	Balance of county					99999
	038	000	2			Lauderdale		075	4	0000	
				021	5	Meridian					46640
				999	9	Balance of county					99999
	039	000	2	999	9	Lawrence		077	6	0000	
	040	000	2	999	9	Leake		079	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
25						Mississippi	28				
	041	000	2			Lee		081	4	0000	
				032	5	Tupelo					74840
				999	9	Balance of county					99999
	042	000	2			Leflore		083	5	0000	
				012	6	Greenwood					29340
				999	9	Balance of county					99999
	043	000	2			Lincoln		085	5	0000	
				003	6	Brookhaven					08820
				999	9	Balance of county					99999
	044	000	2			Lowndes		087	4	0000	
				008	6	Columbus					15380
				999	9	Balance of county					99999
	045	133	1			Madison		089	4	3560	
				004	6	Canton					11100
				017	3	Jackson, part					36000
				029	6	Ridgeland					62520
				999	9	Balance of county					99999
	046	000	2	999	9	Marion		091	5	0000	
	047	000	2	999	9	Marshall		093	5	0000	
	048	000	2	999	9	Monroe		095	5	0000	
	049	000	2	999	9	Montgomery		097	6	0000	
	050	000	2	999	9	Neshoba		099	6	0000	
	051	000	2	999	9	Newton		101	6	0000	
	052	000	2	999	9	Noxubee		103	6	0000	
	053	000	2			Oktibbeha		105	5	0000	
				031	6	Starkville					70240
				999	9	Balance of county					99999
	054	000	2	999	9	Panola		107	5	0000	
	055	000	2			Pearl River		109	5	0000	
				028	6	Picayune					57160
				999	9	Balance of county					99999
	056	000	2	999	9	Perry		111	6	0000	
	057	000	2			Pike		113	5	0000	
				020	6	McComb					43280
				999	9	Balance of county					99999
	058	000	2	999	9	Pontotoc		115	6	0000	
	059	000	2	999	9	Prentiss		117	6	0000	
	060	000	2	999	9	Quitman		119	6	0000	
	061	133	1			Rankin		121	4	3560	
				002	6	Brandon					08300
				017	3	Jackson, part					36000
				027	6	Pearl					55760
				999	9	Balance of county					99999
	062	000	2	999	9	Scott		123	6	0000	
	063	000	2	999	9	Sharkey		125	6	0000	
	064	000	2	999	9	Simpson		127	6	0000	
	065	000	2	999	9	Smith		129	6	0000	
	066	000	2	999	9	Stone		131	6	0000	
	067	000	2			Sunflower		133	5	0000	
				016	6	Indianola					34740
				999	9	Balance of county					99999
	068	000	2	999	9	Tallahatchie		135	6	0000	
	069	000	2	999	9	Tate		137	6	0000	
	070	000	2	999	9	Tippah		139	6	0000	
	071	000	2	999	9	Tishomingo		141	6	0000	
	072	000	2	999	9	Tunica		143	6	0000	
	073	000	2	999	9	Union		145	6	0000	
	074	000	2	999	9	Walthall		147	6	0000	
	075	000	2			Warren		149	5	0000	
				033	6	Vicksburg					76720
				999	9	Balance of county					99999
	076	000	2			Washington		151	4	0000	
				011	5	Greenville					29180
				999	9	Balance of county					99999
	077	000	2	999	9	Wayne		153	6	0000	
	078	000	2	999	9	Webster		155	6	0000	
	079	000	2	999	9	Wilkinson		157	6	0000	
	080	000	2	999	9	Winston		159	6	0000	
	081	000	2	999	9	Yalobusha		161	6	0000	
	082	000	2			Yazoo		163	5	0000	
				034	6	Yazoo City					81520
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
26						Missouri	29				
	001	000	2			Adair		001	6	0000	
				030	6	Kirksville					39026
				999	9	Balance of county					99999
	002	242	1	999	9	Andrew		003	6	7000	
	003	000	2	999	9	Atchison		005	6	0000	
	004	000	2			Audrain		007	6	0000	
				037	6	Mexico					47648
				999	9	Balance of county					99999
	005	000	2	999	9	Barry		009	5	0000	
	006	000	2	999	9	Barton		011	6	0000	
	007	000	2	999	9	Bates		013	6	0000	
	008	000	2	999	9	Benton		015	6	0000	
	009	000	2	999	9	Bollinger		017	6	0000	
	010	061	1			Boone		019	3	1740	
				012	4	Columbia					15670
				999	9	Balance of county					99999
	011	242	1			Buchanan		021	4	7000	
				047	4	St. Joseph					64550
				999	9	Balance of county					99999
	012	000	2			Butler		023	5	0000	
				041	6	Poplar Bluff					59096
				999	9	Balance of county					99999
	013	000	2	999	9	Caldwell		025	6	0000	
	014	000	2			Callaway		027	5	0000	
				019	6	Fulton					26182
				025	5	Jefferson City, part					37000
				999	9	Balance of county					99999
	015	000	2	999	9	Camden		029	5	0000	
	016	000	2			Cape Girardeau		031	4	0000	
				008	5	Cape Girardeau					11242
				999	9	Balance of county					99999
	017	000	2	999	9	Carroll		033	6	0000	
	018	000	2	999	9	Carter		035	6	0000	
	019	145	1			Cass		037	4	3760	
				004	6	Belton					04384
				028	2	Kansas City, part					38000
				032	5	Lee's Summit, part					41348
				999	9	Balance of county					99999
	020	000	2	999	9	Cedar		039	6	0000	
	021	000	2	999	9	Charlton		041	6	0000	
	022	270	1	999	9	Christian		043	5	7920	
	023	000	2	999	9	Clark		045	6	0000	
	024	145	1			Clay		047	3	3760	
				015	6	Excelsior Springs, part					23086
				020	5	Gladstone					27190
				024	3	Independence, part					35000
				028	2	Kansas City, part					38000
				033	6	Liberty					42032
				999	9	Balance of county					99999
	025	145	1	999	9	Clinton		049	6	3760	
	026	000	2			Cole		051	4	0000	
				025	5	Jefferson City, part					37000
				999	9	Balance of county					99999
	027	000	2	999	9	Cooper		053	6	0000	
	028	000	2	999	9	Crawford		055	6	0000	
	029	000	2	999	9	Dade		057	6	0000	
	030	000	2	999	9	Dallas		059	6	0000	
	031	000	2	999	9	Daviess		061	6	0000	
	032	000	2	999	9	De Kalb		063	6	0000	
	033	000	2	999	9	Dent		065	6	0000	
	034	000	2	999	9	Douglas		067	6	0000	
	035	000	2			Dunklin		069	5	0000	
				029	6	Kennett					38306
				999	9	Balance of county					99999
	036	243	1			Franklin		071	4	7040	
				055	6	Washington					77416
				999	9	Balance of county					99999
	037	000	2	999	9	Gasconade		073	6	0000	
	038	000	2	999	9	Gentry		075	6	0000	
	039	270	1			Greene		077	3	7920	
				052	3	Springfield					70000
				999	9	Balance of county					99999
	040	000	2	999	9	Grundy		079	6	0000	
	041	000	2	999	9	Harrison		081	6	0000	

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
26						Missouri	29				
	042	000	2	999	9	Henry		083	6	0000	
	043	000	2	999	9	Hickory		085	6	0000	
	044	000	2	999	9	Holt		087	6	0000	
	045	000	2	999	9	Howard		089	6	0000	
	046	000	2	999	9	Howell		091	5	0000	
	047	000	2	999	9	Iron		093	6	0000	
	048	145	1			Jackson		095	1	3760	
				006	5	Blue Springs					06652
				021	6	Grandview					28324
				024	3	Independence, part					35000
				028	2	Kansas City, part					38000
				032	5	Lee's Summit, part					41348
				042	5	Raytown					60788
				999	9	Balance of county					99999
	049	142	1			Jasper		097	4	3710	
				009	6	Carthage					11656
				027	5	Joplin, part					37592
				999	9	Balance of county					99999
	050	243	1			Jefferson		099	3	7040	
				001	6	Arnold					01972
				999	9	Balance of county					99999
	051	000	2			Johnson		101	5	0000	
				054	6	Warrensburg					77092
				999	9	Balance of county					99999
	052	000	2	999	9	Knox		103	6	0000	
	053	000	2	999	9	Laclede		105	5	0000	
	054	145	1	999	9	Lafayette		107	5	3760	
	055	000	2	999	9	Lawrence		109	5	0000	
	056	000	2	999	9	Lewis		111	6	0000	
	057	243	1	999	9	Lincoln		113	5	7040	
	058	000	2	999	9	Linn		115	6	0000	
	059	000	2	999	9	Livingston		117	6	0000	
	060	000	2	999	9	McDonald		119	6	0000	
	061	000	2	999	9	Macon		121	6	0000	
	062	000	2	999	9	Madison		123	6	0000	
	063	000	2	999	9	Maries		125	6	0000	
	064	000	2			Marion		127	5	0000	
				022	6	Hannibal, part					30214
				999	9	Balance of county					99999
	065	000	2	999	9	Mercer		129	6	0000	
	066	000	2	999	9	Miller		131	6	0000	
	067	000	2	999	9	Mississippi		133	6	0000	
	068	000	2	999	9	Moniteau		135	6	0000	
	069	000	2	999	9	Monroe		137	6	0000	
	070	000	2	999	9	Montgomery		139	6	0000	
	071	000	2	999	9	Morgan		141	6	0000	
	072	000	2			New Madrid		143	6	0000	
				051	6	Sikeston, part					67790
				999	9	Balance of county					99999
	073	142	1			Newton		145	5	3710	
				027	5	Joplin, part					37592
				999	9	Balance of county					99999
	074	000	2			Nodaway		147	6	0000	
				036	6	Maryville					46640
				999	9	Balance of county					99999
	075	000	2	999	9	Oregon		149	6	0000	
	076	000	2	999	9	Osage		151	6	0000	
	077	000	2	999	9	Ozark		153	6	0000	
	078	000	2	999	9	Pemiscot		155	6	0000	
	079	000	2	999	9	Perry		157	6	0000	
	080	000	2			Pettis		159	5	0000	
				050	6	Sedalia					66440
				999	9	Balance of county					99999
	081	000	2			Phelps		161	5	0000	
				044	6	Rolla					62912
				999	9	Balance of county					99999
	082	000	2	999	9	Pike		163	6	0000	
	083	145	1			Platte		165	4	3760	
				028	2	Kansas City, part					38000
				999	9	Balance of county					99999
	084	000	2	999	9	Polk		167	6	0000	
	085	000	2	999	9	Pulaski		169	5	0000	
	086	000	2	999	9	Putnam		171	6	0000	
	087	000	2			Ralls		173	6	0000	
				022	6	Hannibal, part					30214

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
26						Missouri	29				
	087					Ralls, con.		173	6	0000	
				999	9	Balance of county					99999
	088	000	2			Randolph		175	6	0000	
				038	6	Moberly					49034
				999	9	Balance of county					99999
	089	145	1			Ray		177	6	3760	
				015	6	Excelsior Springs, part					23086
				999	9	Balance of county					99999
	090	000	2	999	9	Reynolds		179	6	0000	
	091	000	2	999	9	Ripley		181	6	0000	
	092	243	1			St. Charles		183	3	7040	
				039	6	O'Fallon					54074
				046	4	St. Charles					64082
				049	5	St. Peters					65126
				999	9	Balance of county					99999
	093	000	2	999	9	St. Clair		185	6	0000	
	094	000	2	999	9	Ste. Genevieve		186	6	0000	
	095	000	2			St. Francois		187	5	0000	
				016	6	Farmington					23752
				999	9	Balance of county					99999
	096	243	1			St. Louis		189	1	7040	
				002	6	Ballwin					03160
				003	6	Bellefontaine Neighbors					04222
				005	6	Berkeley					04906
				007	6	Bridgeton					08398
				010	5	Chesterfield					13600
				011	6	Clayton					14572
				013	6	Crestwood					17218
				014	6	Creve Coeur					17272
				017	6	Ferguson					23986
				018	4	Florissant					24778
				023	6	Hazelwood					31276
				026	6	Jennings					37178
				031	5	Kirkwood					39044
				035	5	Maryland Heights					46586
				040	6	Overland					55550
				043	6	Richmond Heights					61706
				045	6	St. Ann					63956
				053	5	University City					75220
				056	6	Webster Groves					78154
				999	9	Balance of county					99999
	097	243	1	048	2	St. Louis city		510	2	7040	65000
	098	000	2			Saline		195	6	0000	
				034	6	Marshall					46316
				999	9	Balance of county					99999
	099	000	2	999	9	Schuyler		197	6	0000	
	100	000	2	999	9	Scotland		199	6	0000	
	101	000	2			Scott		201	5	0000	
				051	6	Sikeston, part					67790
				999	9	Balance of county					99999
	102	000	2	999	9	Shannon		203	6	0000	
	103	000	2	999	9	Shelby		205	6	0000	
	104	000	2	999	9	Stoddard		207	5	0000	
	105	000	2	999	9	Stone		209	6	0000	
	106	000	2	999	9	Sullivan		211	6	0000	
	107	000	2	999	9	Taney		213	5	0000	
	108	000	2	999	9	Texas		215	6	0000	
	109	000	2	999	9	Vernon		217	6	0000	
	110	243	1	999	9	Warren		219	6	7040	
	111	000	2	999	9	Washington		221	6	0000	
	112	000	2	999	9	Wayne		223	6	0000	
	113	270	1	999	9	Webster		225	6	7920	
	114	000	2	999	9	Worth		227	6	0000	
	115	000	2	999	9	Wright		229	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St Cnty	P/S	P/MSA	Place
27						Montana	30			
	001	000	2	999	9	Beaverhead	001	6	0000	
	002	000	2	999	9	Big Horn	003	6	0000	
	003	000	2	999	9	Blaine	005	6	0000	
	004	000	2	999	9	Broadwater	007	6	0000	
	005	000	2	999	9	Carbon	009	6	0000	
	006	000	2	999	9	Carter	011	6	0000	
	007	113	1			Cascade	013	4	3040	
				005	4	Great Falls				32800
				999	9	Balance of county				99999
	008	000	2	999	9	Chouteau	015	6	0000	
	009	000	2	999	9	Custer	017	6	0000	
	010	000	2	999	9	Daniels	019	6	0000	
	011	000	2	999	9	Dawson	021	6	0000	
	012	000	2	001	6	Deer Lodge,coext. w/Anaconda-Deer Lodge	023	6	0000	01675
	013	000	2	999	9	Fallon	025	6	0000	
	014	000	2	999	9	Fergus	027	6	0000	
	015	000	2			Flathead	029	4	0000	
				008	6	Kalispell				40075
				999	9	Balance of county				99999
	016	000	2			Gallatin	031	4	0000	
				003	6	Bozeman				08950
				999	9	Balance of county				99999
	017	000	2	999	9	Garfield	033	6	0000	
	018	000	2	999	9	Glacier	035	6	0000	
	019	000	2	999	9	Golden Valley	037	6	0000	
	020	000	2	999	9	Granite	039	6	0000	
	021	000	2			Hill	041	6	0000	
				006	6	Havre				35050
				999	9	Balance of county				99999
	022	000	2	999	9	Jefferson	043	6	0000	
	023	000	2	999	9	Judith Basin	045	6	0000	
	024	000	2	999	9	Lake	047	6	0000	
	025	000	2			Lewis and Clark	049	5	0000	
				007	6	Helena				35600
				999	9	Balance of county				99999
	026	000	2	999	9	Liberty	051	6	0000	
	027	000	2	999	9	Lincoln	053	6	0000	
	028	000	2	999	9	McCone	055	6	0000	
	029	000	2	999	9	Madison	057	6	0000	
	030	000	2	999	9	Meagher	059	6	0000	
	031	000	2	999	9	Mineral	061	6	0000	
	032	000	2			Missoula	063	4	0000	
				009	5	Missoula				50200
				999	9	Balance of county				99999
	033	000	2	999	9	Musselshell	065	6	0000	
	034	000	2	999	9	Park	067	6	0000	
	035	000	2	999	9	Petroleum	069	6	0000	
	036	000	2	999	9	Phillips	071	6	0000	
	037	000	2	999	9	Pondera	073	6	0000	
	038	000	2	999	9	Powder River	075	6	0000	
	039	000	2	999	9	Powell	077	6	0000	
	040	000	2	999	9	Prairie	079	6	0000	
	041	000	2	999	9	Ravalli	081	5	0000	
	042	000	2	999	9	Richland	083	6	0000	
	043	000	2	999	9	Roosevelt	085	6	0000	
	044	000	2	999	9	Rosebud	087	6	0000	
	045	000	2	999	9	Sanders	089	6	0000	
	046	000	2	999	9	Sheridan	091	6	0000	
	047	000	2			Silver Bow	093	5	0000	
				004	5	Butte-Silver Bow				11390
				999	9	Balance of county				99999
	048	000	2	999	9	Stillwater	095	6	0000	
	049	000	2	999	9	Sweet Grass	097	6	0000	
	050	000	2	999	9	Teton	099	6	0000	
	051	000	2	999	9	Toole	101	6	0000	
	052	000	2	999	9	Treasure	103	6	0000	
	053	000	2	999	9	Valley	105	6	0000	
	054	000	2	999	9	Wheatland	107	6	0000	
	055	000	2	999	9	Wibaux	109	6	0000	
	056	029	1			Yellowstone	111	3	0880	
				002	4	Billings				06550
				999	9	Balance of county				99999
	057	000	2	999	9	Yellowstone National Park	113	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
28						Nebraska	31				
	001	000	2			Adams		001	5	0000	
				006	6	Hastings					21415
				999	9	Balance of county					99999
	002	000	2	999	9	Antelope		003	6	0000	
	003	000	2	999	9	Arthur		005	6	0000	
	004	000	2	999	9	Banner		007	6	0000	
	005	000	2	999	9	Blaine		009	6	0000	
	006	000	2	999	9	Boone		011	6	0000	
	007	000	2	999	9	Box Butte		013	6	0000	
	008	000	2	999	9	Boyd		015	6	0000	
	009	000	2	999	9	Brown		017	6	0000	
	010	000	2			Buffalo		019	5	0000	
				007	6	Kearney					25055
				999	9	Balance of county					99999
	011	000	2	999	9	Burt		021	6	0000	
	012	000	2	999	9	Butler		023	6	0000	
	013	206	1	999	9	Cass		025	6	5920	
	014	000	2	999	9	Cedar		027	6	0000	
	015	000	2	999	9	Chase		029	6	0000	
	016	000	2	999	9	Cherry		031	6	0000	
	017	000	2	999	9	Cheyenne		033	6	0000	
	018	000	2	999	9	Clay		035	6	0000	
	019	000	2	999	9	Colfax		037	6	0000	
	020	000	2	999	9	Cuming		039	6	0000	
	021	000	2	999	9	Custer		041	6	0000	
	022	265	1	999	9	Dakota		043	6	7720	
	023	000	2	999	9	Dawes		045	6	0000	
	024	000	2	999	9	Dawson		047	6	0000	
	025	000	2	999	9	Deuel		049	6	0000	
	026	000	2	999	9	Dixon		051	6	0000	
	027	000	2			Dodge		053	5	0000	
				004	6	Fremont					17670
				999	9	Balance of county					99999
	028	206	1			Douglas		055	2	5920	
				011	2	Omaha					37000
				999	9	Balance of county					99999
	029	000	2	999	9	Dundy		057	6	0000	
	030	000	2	999	9	Fillmore		059	6	0000	
	031	000	2	999	9	Franklin		061	6	0000	
	032	000	2	999	9	Frontier		063	6	0000	
	033	000	2	999	9	Furnas		065	6	0000	
	034	000	2			Gage		067	6	0000	
				001	6	Beatrice					03390
				999	9	Balance of county					99999
	035	000	2	999	9	Garden		069	6	0000	
	036	000	2	999	9	Garfield		071	6	0000	
	037	000	2	999	9	Gosper		073	6	0000	
	038	000	2	999	9	Grant		075	6	0000	
	039	000	2	999	9	Greeley		077	6	0000	
	040	000	2			Hall		079	5	0000	
				005	5	Grand Island					19595
				999	9	Balance of county					99999
	041	000	2	999	9	Hamilton		081	6	0000	
	042	000	2	999	9	Harlan		083	6	0000	
	043	000	2	999	9	Hayes		085	6	0000	
	044	000	2	999	9	Hitchcock		087	6	0000	
	045	000	2	999	9	Holt		089	6	0000	
	046	000	2	999	9	Hooker		091	6	0000	
	047	000	2	999	9	Howard		093	6	0000	
	048	000	2	999	9	Jefferson		095	6	0000	
	049	000	2	999	9	Johnson		097	6	0000	
	050	000	2	999	9	Kearney		099	6	0000	
	051	000	2	999	9	Keith		101	6	0000	
	052	000	2	999	9	Keya Paha		103	6	0000	
	053	000	2	999	9	Kimball		105	6	0000	
	054	000	2	999	9	Knox		107	6	0000	
	055	165	1			Lancaster		109	3	4360	
				008	3	Lincoln					28000
				999	9	Balance of county					99999
	056	000	2			Lincoln		111	5	0000	
				010	6	North Platte					35000
				999	9	Balance of county					99999
	057	000	2	999	9	Logan		113	6	0000	
	058	000	2	999	9	Loup		115	6	0000	

Vital Statistics Codes						FIPS Codes.			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
28						Nebraska	31				
	059	000	2	999	9	McPherson		117	6	0000	
	060	000	2			Madison		119	5	0000	
				009	6	Norfolk					34615
				999	9	Balance of county					99999
	061	000	2	999	9	Merrick		121	6	0000	
	062	000	2	999	9	Morrill		123	6	0000	
	063	000	2	999	9	Nance		125	6	0000	
	064	000	2	999	9	Nemaha		127	6	0000	
	065	000	2	999	9	Nuckolls		129	6	0000	
	066	000	2	999	9	Otoe		131	6	0000	
	067	000	2	999	9	Pawnee		133	6	0000	
	068	000	2	999	9	Perkins		135	6	0000	
	069	000	2	999	9	Phelps		137	6	0000	
	070	000	2	999	9	Pierce		139	6	0000	
	071	000	2			Platte		141	5	0000	
				003	6	Columbus					10110
				999	9	Balance of county					99999
	072	000	2	999	9	Polk		143	6	0000	
	073	000	2	999	9	Red Willow		145	6	0000	
	074	000	2	999	9	Richardson		147	6	0000	
	075	000	2	999	9	Rock		149	6	0000	
	076	000	2	999	9	Saline		151	6	0000	
	077	206	1			Sarpy		153	3	5920	
				002	5	Bellevue					03950
				012	6	Papillion					38295
				999	9	Balance of county					99999
	078	000	2	999	9	Saunders		155	6	0000	
	079	000	2			Scotts Bluff		157	5	0000	
				013	6	Scottsbluff					44245
				999	9	Balance of county					99999
	080	000	2	999	9	Seward		159	6	0000	
	081	000	2	999	9	Sheridan		161	6	0000	
	082	000	2	999	9	Sherman		163	6	0000	
	083	000	2	999	9	Sioux		165	6	0000	
	084	000	2	999	9	Stanton		167	6	0000	
	085	000	2	999	9	Thayer		169	6	0000	
	086	000	2	999	9	Thomas		171	6	0000	
	087	000	2	999	9	Thurston		173	6	0000	
	088	000	2	999	9	Valley		175	6	0000	
	089	206	1	999	9	Washington		177	6	5920	
	090	000	2	999	9	Wayne		179	6	0000	
	091	000	2	999	9	Webster		181	6	0000	
	092	000	2	999	9	Wheeler		183	6	0000	
	093	000	2	999	9	York		185	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St Cnty	P/S	P/MSA	Place
29						Nevada	32			
	001	000	2	002	5	Carson City city	510	5	0000	09700
	002	000	2	999	9	Churchill	001	6	0000	
	003	159	1			Clark	003	1	4120	
				001	6	Boulder City				06500
				004	4	Henderson				31900
				005	2	Las Vegas				40000
				006	5	North Las Vegas				51800
				999	9	Balance of county				99999
	004	000	2	999	9	Douglas	005	5	0000	
	005	000	2			Elko	007	5	0000	
				003	6	Elko				22500
				999	9	Balance of county				99999
	006	000	2	999	9	Esmeralda	009	6	0000	
	007	000	2	999	9	Eureka	011	6	0000	
	008	000	2	999	9	Humboldt	013	6	0000	
	009	000	2	999	9	Lander	015	6	0000	
	010	000	2	999	9	Lincoln	017	6	0000	
	011	000	2	999	9	Lyon	019	6	0000	
	012	000	2	999	9	Mineral	021	6	0000	
	013	159	1	999	9	Nye	023	6	4120	
	014	000	2	999	9	Pershing	027	6	0000	
	015	000	2	999	9	Storey	029	6	0000	
	016	230	1			Washoe	031	2	6720	
				007	3	Reno				60600
				008	4	Sparks				68400
				999	9	Balance of county				99999
	017	000	2	999	9	White Pine	033	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty P/S	P/MSA Place
30						New Hampshire	33		
	001	000	2			Belknap		001 5	0000
				006	6	Laconia			40180
				999	9	Balance of county			99999
	002	000	2	999	9	Carroll		003 5	0000
	003	000	2			Cheshire		005 4	0000
				005	6	Keene			39300
				999	9	Balance of county			99999
	004	000	2			Coos		007 5	0000
				001	6	Berlin			05140
				999	9	Balance of county			99999
	005	000	2			Grafton		009 4	0000
				007	6	Lebanon			41300
				999	9	Balance of county			99999
	006	037	1			Hillsborough		011 2	1123
				008	4	Manchester			45140
				009	4	Nashua			50260
				999	9	Balance of county			99999
	007	000	2			Merrimack		013 3	0000
				003	5	Concord			14200
				999	9	Balance of county			99999
	008	037	1			Rockingham		015 3	1123
				010	5	Portsmouth			62900
				012	5	Salem town			66660
				999	9	Balance of county			99999
	009	037	1			Strafford		017 3	1123
				004	5	Dover			18820
				011	5	Rochester			65140
				013	6	Somersworth			69940
				999	9	Balance of county			99999
	010	000	2			Sullivan		019 5	0000
				002	6	Claremont			12900
				999	9	Balance of county			99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
31						New Jersey	34				
	001	017	1			Atlantic		001	3	0560	
				003	5	Atlantic City					02080
				014	6	Brigantine					07810
				057	6	Hammonton					29430
				130	6	Pleasantville					59640
				148	6	Somers Point					68430
				163	6	Ventnor City					75620
				999	9	Balance of county					99999
	002	028	1			Bergen		003	1	0875	
				007	6	Bergenfield borough					05170
				022	6	Cliffside Park borough					13570
				031	6	Dumont borough					18400
				038	6	Elmwood Park borough					21300
				039	6	Englewood					21480
				042	5	Fair Lawn borough					22470
				043	6	Fairview borough					22560
				045	5	Fort Lee borough					24420
				048	5	Garfield					25770
				050	6	Glen Rock borough					26640
				053	5	Hackensack					28680
				060	6	Hasbrouck Heights borough					30420
				081	6	Lodi borough					41100
				083	6	Lyndhurst township					42090
				106	6	New Milford borough					51660
				108	6	North Arlington borough					52320
				113	6	Oakland borough					53850
				117	6	Palisades Park borough					55770
				118	5	Paramus borough					55950
				135	6	Ramsey borough					61680
				137	6	Ridgefield Park village					62940
				138	6	Ridgewood village					63000
				140	6	River Edge borough					63360
				143	6	Rutherford borough					65280
				144	6	Saddle Brook township					65340
				156	5	Teaneck township					72360
				157	6	Tenafly borough					72420
				167	6	Wallington borough					76490
				175	6	Westwood borough					80270
				180	6	Wyckoff township					83050
				999	9	Balance of county					99999
	003	214	1			Burlington		005	2	6160	
				019	6	Cinnaminson township					12940
				026	6	Delran township					17440
				040	5	Evesham township					22110
				044	6	Florence township					23850
				088	6	Maple Shade township					43740
				098	6	Moorestown township					47880
				101	6	Mount Holly township					48900
				102	5	Mount Laurel township					49020
				122	5	Pemberton township					57510
				176	5	Willingboro township					81440
				999	9	Balance of county					99999
	004	214	1			Camden		007	1	6160	
				006	6	Bellmawr borough					04750
				015	4	Camden					10000
				018	4	Cherry Hill township					12280
				024	6	Collingswood borough					14260
				051	6	Gloucester City					26820
				052	4	Gloucester township					26760
				054	6	Haddonfield borough					28770
				055	6	Haddon township					28740
				078	6	Lindenwold borough					40440
				123	5	Pennsauken township					57660
				166	6	Voorhees township					76220
				177	5	Winslow township					81740
				999	9	Balance of county					99999
	005	017	1			Cape May		009	4	0560	
				114	6	Ocean City					54360
				999	9	Balance of county					99999
	006	293	1			Cumberland		011	3	8760	
				012	6	Bridgeton					07600
				095	5	Millville					46680
				165	4	Vineland					76070
				999	9	Balance of county					99999

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
31						New Jersey	34				
	007	198	1			Essex		013	1	5640	
				005	5	Belleville township					04690
				010	5	Bloomfield township					06250
				017	6	Cedar Grove township					11230
				033	4	East Orange					19390
				069	4	Irvington township					34430
				080	5	Livingston township					40920
				089	6	Maplewood township					43830
				094	6	Millburn township					46410
				097	5	Montclair township					47485
				104	2	Newark					51000
				112	5	Nutley township					53670
				151	6	South Orange Village township					69274
				164	6	Verona township					75800
				999	9	Balance of county					99999
	008	214	1			Gloucester		015	3	6160	
				028	6	Deptford township					17710
				049	6	Glassboro borough					26340
				096	5	Monroe township					47250
				168	5	Washington township					77180
				171	6	West Deptford township					78800
				179	6	Woodbury					82120
				999	9	Balance of county					99999
	009	139	1			Hudson		017	1	3640	
				004	4	Bayonne					03580
				059	6	Harrison					30210
				066	5	Hoboken					32250
				071	3	Jersey City					36000
				073	5	Kearny					36510
				109	5	North Bergen township					52440
				147	6	Secaucus					66570
				161	4	Union City					74630
				170	6	Weehawken township					77960
				173	5	West New York					79610
				999	9	Balance of county					99999
	010	181	1	999	9	Hunterdon		019	3	5015	
	011	284	1			Mercer		021	2	8480	
				034	6	East Windsor township					19780
				041	5	Ewing township					22180
				056	4	Hamilton township					29310
				075	5	Lawrence township					39510
				133	6	Princeton borough					60900
				160	4	Trenton					74000
				999	9	Balance of county					99999
	012	181	1			Middlesex		023	1	5015	
				016	6	Carteret borough					10750
				032	5	East Brunswick township					18970
				036	4	Edison township					20260
				063	6	Highland Park borough					31470
				091	6	Metuchen borough					45690
				092	6	Middlesex borough					45900
				105	5	New Brunswick					51210
				110	5	North Brunswick township					52590
				116	4	Old Bridge township					54705
				125	5	Perth Amboy					58200
				127	5	Piscataway township					58980
				129	6	Plainsboro township					59280
				145	5	Sayreville borough					65790
				150	5	South Brunswick township					68790
				152	6	South Plainfield borough					69390
				153	6	South River borough					69420
				178	6	Woodbridge township					81950
				999	9	Balance of county					99999
	013	186	1			Monmouth		025	1	5190	
				001	6	Aberdeen township					00070
				002	6	Asbury Park					01960
				035	6	Eatontown borough					19840
				047	6	Freehold borough					25200
				062	6	Hazlet township					30690
				068	5	Howell township					33300
				072	6	Keansburg borough					36480
				082	5	Long Branch					41310
				085	5	Manalapan township					42990
				090	5	Marlboro township					44070

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
31						New Jersey	34				
	013					Monmouth, con.		025	1	5190	
				093	4	Middletown township					45990
				103	5	Neptune township					49890
				115	5	Ocean township					54270
				136	6	Red Bank borough					62430
				158	6	Tinton Falls borough					73020
				999	9	Balance of county					99999
	014	198	1			Morris		027	2	5640	
				027	6	Denville township					17650
				029	6	Dover					18070
				058	6	Hanover township					29655
				076	6	Lincoln Park borough					40290
				084	6	Madison borough					42510
				099	6	Morristown					48300
				100	6	Morris township					48090
				119	5	Parsippany-Troy Hills township					56475
				124	6	Pequannock township					58125
				999	9	Balance of county					99999
	015	186	1			Ocean		029	2	5190	
				009	5	Berkeley township					05300
				011	4	Brick township					07520
				030	4	Dover township					18130
				070	5	Jackson township					34680
				074	5	Lakewood township					38550
				086	5	Manchester township					43140
				131	6	Point Pleasant borough					59880
				999	9	Balance of county					99999
	016	028	1			Passaic		031	2	0875	
				023	4	Clifton					13690
				061	6	Hawthorne borough					30570
				079	6	Little Falls township					40650
				120	4	Passaic					56550
				121	3	Paterson					57000
				132	6	Pompton Lakes borough					60090
				139	6	Ringwood borough					63150
				159	6	Totowa borough					73140
				169	5	Wayne township					77870
				174	6	West Paterson borough					79820
				999	9	Balance of county					99999
	017	214	1	999	9	Salem		033	4	6160	
	018	181	1			Somerset		035	3	5015	
				013	5	Bridgewater township					07720
				046	5	Franklin township					24900
				064	5	Hillsborough township					31890
				087	6	Manville borough					43620
				111	6	North Plainfield borough					53280
				149	6	Somerville borough					68460
				999	9	Balance of county					99999
	019	198	1			Sussex		037	3	5640	
				067	6	Hopatcong borough					32910
				999	9	Balance of county					99999
	020	198	1			Union		039	2	5640	
				008	6	Berkeley Heights township					05350
				021	6	Clark township					13180
				025	6	Cranford township					15670
				037	3	Elizabeth					21000
				065	6	Hillside township					32010
				077	5	Linden					40350
				107	6	New Providence borough					51810
				128	5	Plainfield					59190
				134	5	Rahway					61530
				141	6	Roselle borough					64620
				142	6	Roselle Park borough					64650
				146	6	Scotch Plains township					66090
				154	6	Springfield township					70050
				155	6	Summit					71430
				162	4	Union township					74510
				172	5	Westfield					79040
				999	9	Balance of county					99999
	021	198	1			Warren		041	4	5640	
				126	6	Phillipsburg					58350
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
32						New Mexico	35				
	001	005	1			Bernalillo		001	2	0200	
				002	2	Albuquerque					02000
				999	9	Balance of county					99999
	002	000	2	999	9	Catron		003	6	0000	
	003	000	2			Chaves		005	4	0000	
				014	5	Roswell					64930
				999	9	Balance of county					99999
	004	000	2	999	9	Cibola		006	6	0000	
	005	000	2	999	9	Colfax		007	6	0000	
	006	000	2			Curry		009	5	0000	
				005	5	Clovis					16420
				999	9	Balance of county					99999
	007	000	2	999	9	De Baca		011	6	0000	
	008	158	1			Dona Ana		013	3	4100	
				010	4	Las Cruces					39380
				999	9	Balance of county					99999
	009	000	2			Eddy		015	5	0000	
				003	6	Artesia					05220
				004	6	Carlsbad					12150
				999	9	Balance of county					99999
	010	000	2			Grant		017	5	0000	
				016	6	Silver City					73260
				999	9	Balance of county					99999
	011	000	2	999	9	Guadalupe		019	6	0000	
	012	000	2	999	9	Harding		021	6	0000	
	013	000	2	999	9	Hidalgo		023	6	0000	
	014	000	2			Lea		025	4	0000	
				009	5	Hobbs					32520
				999	9	Balance of county					99999
	015	000	2	999	9	Lincoln		027	6	0000	
	016	255	1	999	9	Los Alamos		028	6	7490	
	017	000	2			Luna		029	6	0000	
				006	6	Deming					20270
				999	9	Balance of county					99999
	018	000	2			McKinley		031	4	0000	
				008	6	Gallup					28460
				999	9	Balance of county					99999
	019	000	2	999	9	Mora		033	6	0000	
	020	000	2			Otero		035	4	0000	
				001	5	Alamogordo					01780
				999	9	Balance of county					99999
	021	000	2	999	9	Quay		037	6	0000	
	022	000	2	999	9	Rio Arriba		039	5	0000	
	023	000	2			Roosevelt		041	6	0000	
				012	6	Portales					59260
				999	9	Balance of county					99999
	024	005	1			Sandoval		043	4	0200	
				013	5	Rio Rancho					63530
				999	9	Balance of county					99999
	025	000	2			San Juan		045	4	0000	
				007	5	Farmington					25800
				999	9	Balance of county					99999
	026	000	2			San Miguel		047	5	0000	
				011	6	Las Vegas					39940
				999	9	Balance of county					99999
	027	255	1			Santa Fe		049	4	7490	
				015	4	Santa Fe					70500
				999	9	Balance of county					99999
	028	000	2	999	9	Sierra		051	6	0000	
	029	000	2	999	9	Socorro		053	6	0000	
	030	000	2	999	9	Taos		055	6	0000	
	031	000	2	999	9	Torrance		057	6	0000	
	032	000	2	999	9	Union		059	6	0000	
	033	005	1	999	9	Valencia		061	5	0200	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
33						New York	36				
	001	004	1			Albany		001	2	0160	
				001	3	Albany					01000
				007	5	Bethlehem town					06354
				017	6	Cohoes					16749
				097	6	Watervliet					78674
				999	9	Balance of county					99999
	002	000	2	999	9	Allegany		003	4	0000	
	003	031	1			Broome		007	3	0960	
				008	4	Binghamton					06607
				024	6	Endicott village					24515
				043	6	Johnson City village					38748
				095	5	Vestal town					77255
				999	9	Balance of county					99999
	004	000	2			Cattaraugus		009	4	0000	
				065	6	Olean					54716
				999	9	Balance of county					99999
	005	276	1			Cayuga		011	4	8160	
				003	5	Auburn					03078
				999	9	Balance of county					99999
	006	137	1			Chautauqua		013	3	3610	
				021	6	Dunkirk					21105
				026	6	Fredonia village					27419
				042	5	Jamestown					38264
				999	9	Balance of county					99999
	007	085	1			Chemung		015	4	2335	
				023	5	Elmira					24229
				999	9	Balance of county					99999
	008	000	2	999	9	Chenango		017	4	0000	
	009	000	2			Clinton		019	4	0000	
				073	6	Plattsburgh					58574
				999	9	Balance of county					99999
	010	000	2	999	9	Columbia		021	4	0000	
	011	000	2			Cortland		023	5	0000	
				019	6	Cortland					18388
				999	9	Balance of county					99999
	012	000	2	999	9	Delaware		025	5	0000	
	013	081	1			Dutchess		027	2	2281	
				006	6	Beacon					05100
				076	5	Poughkeepsie					59641
				999	9	Balance of county					99999
	014	043	1			Erie		029	1	1280	
				012	2	Buffalo					11000
				020	6	Depew village					20313
				036	6	Hamburg village					31643
				044	6	Kenmore village					39232
				046	6	Lackawanna					40189
				047	6	Lancaster village					41135
				091	6	Tonawanda					74166
				099	5	West Seneca town					80918
				999	9	Balance of county					99999
	015	000	2	999	9	Essex		031	5	0000	
	016	000	2	999	9	Franklin		033	5	0000	
	017	000	2			Fulton		035	4	0000	
				034	6	Gloversville					29443
				999	9	Balance of county					99999
	018	236	1			Genesee		037	4	6840	
				005	6	Batavia					04715
				999	9	Balance of county					99999
	019	000	2	999	9	Greene		039	5	0000	
	020	000	2	999	9	Hamilton		041	6	0000	
	021	289	1	999	9	Herkimer		043	4	8680	
	022	000	2			Jefferson		045	3	0000	
				096	5	Watertown					78608
				999	9	Balance of county					99999
	023	000	2	999	9	Lewis		049	5	0000	
	024	236	1	999	9	Livingston		051	4	6840	
	025	276	1			Madison		053	4	8160	
				066	6	Oneida					54837
				999	9	Balance of county					99999
	026	236	1			Monroe		055	1	6840	
				009	5	Brighton town					08246
				015	5	Chili town					15462
				030	5	Gates town					28442
				035	4	Greece town					30290

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
33						New York	36				
	026					Monroe, con.		055	1	6840	
				039	5	Henrietta town					34099
				040	4	Irondequoit town					37726
				072	5	Penfield town					57144
				078	3	Rochester					63000
				999	9	Balance of county					99999
	027	004	1			Montgomery		057	4	0160	
				002	6	Amsterdam					02066
				999	9	Balance of county					99999
	028	193	1			Nassau		059	0	5380	
				022	6	East Rockaway village					22876
				025	6	Floral Park village					26264
				027	5	Freeport village					27485
				029	6	Garden City village					28178
				032	6	Glen Cove					29113
				038	5	Hempstead village					33139
				050	5	Long Beach					43335
				051	6	Lynbrook village					43874
				054	6	Massapequa Park village					45997
				057	6	Mineola village					47636
				079	6	Rockville Centre village					63264
				094	5	Valley Stream village					76705
				098	6	Westbury village					79444
				999	9	Balance of county					99999
	029	197	1			New York city				5600	51000
				010	0	Bronx borough, Bronx county		005	0		
				011	0	Brooklyn borough, Kings county		047	0		
				053	0	Manhattan borough, New York county		061	0		
				077	0	Queens borough, Queens county		081	0		
				087	0	Staten Island borough, Richmond county		085	0		
	030	043	1			Niagara		063	3	1280	
				049	6	Lockport					43082
				061	4	Niagara Falls					51055
				063	5	North Tonawanda					53682
				999	9	Balance of county					99999
	031	289	1			Oneida		065	2	8680	
				080	5	Rome					63418
				093	4	Utica					76540
				999	9	Balance of county					99999
	032	276	1			Onondaga		067	2	8160	
				089	3	Syracuse					73000
				999	9	Balance of county					99999
	033	236	1			Ontario		069	4	6840	
				013	6	Canandaigua					12144
				031	6	Geneva, part					28640
				999	9	Balance of county					99999
	034	199	1			Orange		071	2	5660	
				056	6	Middletown					47042
				059	5	Newburgh					50034
				999	9	Balance of county					99999
	035	236	1	999	9	Orleans		073	5	6840	
	036	276	1			Oswego		075	3	8160	
				028	6	Fulton					27815
				069	6	Oswego					55574
				999	9	Balance of county					99999
	037	000	2			Otsego		077	4	0000	
				067	6	Oneonta					54881
				999	9	Balance of county					99999
	038	197	1			Putnam		079	4	5600	
				014	5	Carmel town					12529
				999	9	Balance of county					99999
	039	004	1			Rensselaer		083	3	0160	
				092	4	Troy					75484
				999	9	Balance of county					99999
	040	197	1			Rockland		087	2	5600	
				086	6	Spring Valley village					70420
				088	6	Suffern village					71894
				999	9	Balance of county					99999
	041	000	2			St. Lawrence		089	3	0000	
				055	6	Massena village					46019
				064	6	Ogdensburg					54485
				075	6	Potsdam village					59564
				999	9	Balance of county					99999
	042	004	1			Saratoga		091	3	0160	
				016	5	Clifton Park town					16353

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
33						New York	36				
	042					Saratoga, con.		091	3	0160	
				083	5	Saratoga Springs					65255
				999	9	Balance of county					99999
	043	004	1			Schenectady		093	3	0160	
				062	6	Niskayuna town					51264
				081	5	Rotterdam town					63935
				085	4	Schenectady					65508
				999	9	Balance of county					99999
	044	004	1	999	9	Schoharie		095	5	0160	
	045	000	2	999	9	Schuyler		097	6	0000	
	046	000	2			Seneca		099	5	0000	
				031	6	Geneva, part					28640
				999	9	Balance of county					99999
	047	000	2			Steuben		101	4	0000	
				018	6	Corning					18256
				999	9	Balance of county					99999
	048	193	1			Suffolk		103	0	5380	
				004	6	Babylon village					03408
				048	5	Lindenhurst village					42554
				070	6	Patchogue village					56660
				999	9	Balance of county					99999
	049	000	2	999	9	Sullivan		105	4	0000	
	050	031	1	999	9	Tioga		107	4	0960	
	051	000	2			Tompkins		109	4	0000	
				041	5	Ithaca					38077
				999	9	Balance of county					99999
	052	000	2			Ulster		111	3	0000	
				045	6	Kingston					39727
				999	9	Balance of county					99999
	053	109	1			Warren		113	4	2975	
				033	6	Glens Falls					29333
				999	9	Balance of county					99999
	054	109	1	999	9	Washington		115	4	2975	
	055	236	1	999	9	Wayne		117	4	6840	
	056	197	1			Westchester		119	1	5600	
				037	6	Harrison village					32402
				052	6	Mamaroneck village					44831
				058	4	Mount Vernon					49121
				060	4	New Rochelle					50617
				068	6	Ossining village					55530
				071	6	Peekskill					56979
				074	6	Port Chester village					59223
				082	6	Rye					64309
				084	6	Scarsdale village					65431
				090	6	Tarrytown village					73176
				100	5	White Plains					81677
				101	3	Yonkers					84000
				102	5	Yorktown town					84077
				999	9	Balance of county					99999
	057	000	2	999	9	Wyoming		121	5	0000	
	058	000	2	999	9	Yates		123	6	0000	

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
34						North Carolina	37				
	001	116	1			Alamance		001	3	3120	
				005	5	Burlington					09060
				018	6	Graham					27280
				999	9	Balance of county					99999
	002	124	1	999	9	Alexander		003	5	3290	
	003	000	2	999	9	Alleghany		005	6	0000	
	004	000	2	999	9	Anson		007	6	0000	
	005	000	2	999	9	Ashe		009	6	0000	
	006	000	2	999	9	Avery		011	6	0000	
	007	000	2	999	9	Beaufort		013	5	0000	
	008	000	2	999	9	Bertie		015	6	0000	
	009	000	2	999	9	Bladen		017	5	0000	
	010	305	1	999	9	Brunswick		019	4	9200	
	011	014	1			Buncombe		021	3	0480	
				003	4	Asheville					02140
				999	9	Balance of county					99999
	012	124	1			Burke		023	4	3290	
				023	5	Hickory, part					31060
				036	6	Morganton					44400
				999	9	Balance of county					99999
	013	051	1			Cabarrus		025	4	1520	
				010	5	Concord					14100
				026	6	Kannapolis, part					35200
				999	9	Balance of county					99999
	014	124	1			Caldwell		027	4	3290	
				030	6	Lenoir					37760
				999	9	Balance of county					99999
	015	000	2			Camden		029	6	0000	
				013	6	Elizabeth City, part					20580
				999	9	Balance of county					99999
	016	000	2	999	9	Carteret		031	4	0000	
	017	000	2	999	9	Caswell		033	6	0000	
	018	124	1			Catawba		035	3	3290	
				023	5	Hickory, part					31060
				999	9	Balance of county					99999
	019	226	1	999	9	Chatham		037	5	6640	
	020	000	2	999	9	Cherokee		039	6	0000	
	021	000	2	999	9	Chowan		041	6	0000	
	022	000	2	999	9	Clay		043	6	0000	
	023	000	2			Cleveland		045	4	0000	
				044	6	Shelby					61200
				999	9	Balance of county					99999
	024	000	2	999	9	Columbus		047	5	0000	
	025	000	2			Craven		049	4	0000	
				021	6	Havelock					30120
				037	6	New Bern					46340
				999	9	Balance of county					99999
	026	091	1			Cumberland		051	2	2560	
				014	4	Fayetteville					22920
				999	9	Balance of county					99999
	027	200	1	999	9	Currituck		053	6	5720	
	028	000	2	999	9	Dare		055	6	0000	
	029	116	1			Davidson		057	3	3120	
				024	4	High Point, part					31400
				031	6	Lexington					38060
				047	6	Thomasville					67420
				999	9	Balance of county					99999
	030	116	1	999	9	Davie		059	5	3120	
	031	000	2	999	9	Duplin		061	5	0000	
	032	226	1			Durham		063	3	6640	
				008	5	Chapel Hill, part					11800
				011	3	Durham, part					19000
				999	9	Balance of county					99999
	033	238	1			Edgecombe		065	4	6895	
				041	5	Rocky Mount, part					57500
				046	6	Tarboro					66700
				999	9	Balance of county					99999
	034	116	1			Forsyth		067	2	3120	
				024	4	High Point, part					31400
				027	6	Kernersville, part					35600
				050	3	Winston-Salem					75000
				999	9	Balance of county					99999
	035	226	1	999	9	Franklin		069	5	6640	
	036	051	1			Gaston		071	3	1520	
				016	4	Gastonia					25580

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
34						North Carolina	37				
	036					Gaston, con.		071	3	1520	
				999	9	Balance of county					99999
	037	000	2	999	9	Gates		073	6	0000	
	038	000	2	999	9	Graham		075	6	0000	
	039	000	2	999	9	Granville		077	5	0000	
	040	000	2	999	9	Greene		079	6	0000	
	041	116	1			Guilford		081	2	3120	
				019	3	Greensboro					28000
				024	4	High Point, part					31400
				027	6	Kernersville, part					35600
				999	9	Balance of county					99999
	042	000	2			Halifax		083	4	0000	
				040	6	Roanoke Rapids					56900
				999	9	Balance of county					99999
	043	000	2	999	9	Harnett		085	4	0000	
	044	000	2	999	9	Haywood		087	5	0000	
	045	000	2	999	9	Henderson		089	4	0000	
	046	000	2	999	9	Hertford		091	6	0000	
	047	000	2	999	9	Hoke		093	6	0000	
	048	000	2	999	9	Hyde		095	6	0000	
	049	000	2			Iredell		097	4	0000	
				045	6	Statesville					64740
				999	9	Balance of county					99999
	050	000	2	999	9	Jackson		099	5	0000	
	051	226	1	999	9	Johnston		101	4	6640	
	052	000	2	999	9	Jones		103	6	0000	
	053	000	2			Lee		105	5	0000	
				043	6	Sanford					59280
				999	9	Balance of county					99999
	054	000	2			Lenoir		107	4	0000	
				028	5	Kinston					35920
				999	9	Balance of county					99999
	055	051	1	999	9	Lincoln		109	4	1520	
	056	000	2	999	9	McDowell		111	5	0000	
	057	000	2	999	9	Macon		113	6	0000	
	058	014	1	999	9	Madison		115	6	0480	
	059	000	2	999	9	Martin		117	5	0000	
	060	051	1			Mecklenburg		119	1	1520	
				009	2	Charlotte					12000
				033	6	Matthews					41960
				034	6	Mint Hill					43480
				999	9	Balance of county					99999
	061	000	2	999	9	Mitchell		121	6	0000	
	062	000	2	999	9	Montgomery		123	6	0000	
	063	000	2	999	9	Moore		125	4	0000	
	064	238	1			Nash		127	4	6895	
				041	5	Rocky Mount, part					57500
				999	9	Balance of county					99999
	065	305	1			New Hanover		129	3	9200	
				048	4	Wilmington					74440
				999	9	Balance of county					99999
	066	000	2	999	9	Northampton		131	6	0000	
	067	136	1			Onslow		133	3	3605	
				025	5	Jacksonville					34200
				999	9	Balance of county					99999
	068	226	1			Orange		135	4	6640	
				006	6	Carrboro					10620
				008	5	Chapel Hill, part					11800
				011	3	Durham, part					19000
				999	9	Balance of county					99999
	069	000	2	999	9	Pamlico		137	6	0000	
	070	000	2			Pasquotank		139	5	0000	
				013	6	Elizabeth City, part					20580
				999	9	Balance of county					99999
	071	000	2	999	9	Pender		141	5	0000	
	072	000	2	999	9	Perquimans		143	6	0000	
	073	000	2	999	9	Person		145	5	0000	
	074	117	1			Pitt		147	3	3150	
				020	5	Greenville					28080
				999	9	Balance of county					99999
	075	000	2	999	9	Polk		149	6	0000	
	076	116	1			Randolph		151	3	3120	
				002	6	Asheboro					02080
				024	4	High Point, part					31400

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
34						North Carolina	37				
	076					Randolph, con.		151	3	3120	
				999	9	Balance of county					99999
	077	000	2	999	9	Richmond		153	5	0000	
	078	000	2			Robeson		155	3	0000	
				032	6	Lumberton					39700
				999	9	Balance of county					99999
	079	000	2			Rockingham		157	4	0000	
				012	6	Eden					20080
				039	6	Reidsville					55900
				999	9	Balance of county					99999
	080	051	1			Rowan		159	3	1520	
				026	6	Kannapolis, part					35200
				042	6	Salisbury					58860
				999	9	Balance of county					99999
	081	000	2	999	9	Rutherford		161	4	0000	
	082	000	2	999	9	Sampson		163	5	0000	
	083	000	2			Scotland		165	5	0000	
				029	6	Laurinburg					37220
				999	9	Balance of county					99999
	084	000	2			Stanly		167	4	0000	
				001	6	Albemarle					00680
				999	9	Balance of county					99999
	085	116	1	999	9	Stokes		169	5	3120	
	086	000	2	999	9	Surry		171	4	0000	
	087	000	2	999	9	Swain		173	6	0000	
	088	000	2	999	9	Transylvania		175	5	0000	
	089	000	2	999	9	Tyrrell		177	6	0000	
	090	051	1			Union		179	4	1520	
				035	6	Monroe					43920
				999	9	Balance of county					99999
	091	000	2			Vance		181	5	0000	
				022	6	Henderson					30660
				999	9	Balance of county					99999
	092	226	1			Wake		183	2	6640	
				007	5	Cary					10740
				015	6	Garner					25480
				038	3	Raleigh					55000
				999	9	Balance of county					99999
	093	000	2	999	9	Warren		185	6	0000	
	094	000	2	999	9	Washington		187	6	0000	
	095	000	2			Watauga		189	5	0000	
				004	6	Boone					07080
				999	9	Balance of county					99999
	096	110	1			Wayne		191	3	2980	
				017	5	Goldsboro					26880
				999	9	Balance of county					99999
	097	000	2	999	9	Wilkes		193	4	0000	
	098	000	2			Wilson		195	4	0000	
				049	5	Wilson					74540
				999	9	Balance of county					99999
	099	116	1	999	9	Yadkin		197	5	3120	
	100	000	2	999	9	Yancey		199	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
35						North Dakota	38				
	001	000	2	999	9	Adams		001	6	0000	
	002	000	2	999	9	Barnes		003	6	0000	
	003	000	2	999	9	Benson		005	6	0000	
	004	000	2	999	9	Billings		007	6	0000	
	005	000	2	999	9	Bottineau		009	6	0000	
	006	000	2	999	9	Bowman		011	6	0000	
	007	000	2	999	9	Burke		013	6	0000	
	008	033	1			Burleigh		015	4	1010	
				001	5	Bismarck					07200
				999	9	Balance of county					99999
	009	090	1			Cass		017	3	2520	
				003	4	Fargo					25700
				008	6	West Fargo					84780
				999	9	Balance of county					99999
	010	000	2	999	9	Cavalier		019	6	0000	
	011	000	2	999	9	Dickey		021	6	0000	
	012	000	2	999	9	Divide		023	6	0000	
	013	000	2	999	9	Dunn		025	6	0000	
	014	000	2	999	9	Eddy		027	6	0000	
	015	000	2	999	9	Emmons		029	6	0000	
	016	000	2	999	9	Foster		031	6	0000	
	017	000	2	999	9	Golden Valley		033	6	0000	
	018	111	1			Grand Forks		035	4	2985	
				004	5	Grand Forks					32060
				999	9	Balance of county					99999
	019	000	2	999	9	Grant		037	6	0000	
	020	000	2	999	9	Griggs		039	6	0000	
	021	000	2	999	9	Hettinger		041	6	0000	
	022	000	2	999	9	Kidder		043	6	0000	
	023	000	2	999	9	La Moure		045	6	0000	
	024	000	2	999	9	Logan		047	6	0000	
	025	000	2	999	9	McHenry		049	6	0000	
	026	000	2	999	9	McIntosh		051	6	0000	
	027	000	2	999	9	McKenzie		053	6	0000	
	028	000	2	999	9	McLean		055	6	0000	
	029	000	2	999	9	Mercer		057	6	0000	
	030	033	1			Morton		059	6	1010	
				006	6	Mandan					49900
				999	9	Balance of county					99999
	031	000	2	999	9	Mountrail		061	6	0000	
	032	000	2	999	9	Nelson		063	6	0000	
	033	000	2	999	9	Oliver		065	6	0000	
	034	000	2	999	9	Pembina		067	6	0000	
	035	000	2	999	9	Pierce		069	6	0000	
	036	000	2	999	9	Ramsey		071	6	0000	
	037	000	2	999	9	Ransom		073	6	0000	
	038	000	2	999	9	Renville		075	6	0000	
	039	000	2	999	9	Richland		077	6	0000	
	040	000	2	999	9	Rolette		079	6	0000	
	041	000	2	999	9	Sargent		081	6	0000	
	042	000	2	999	9	Sheridan		083	6	0000	
	043	000	2	999	9	Sioux		085	6	0000	
	044	000	2	999	9	Slope		087	6	0000	
	045	000	2			Stark		089	6	0000	
				002	6	Dickinson					19620
				999	9	Balance of county					99999
	046	000	2	999	9	Steele		091	6	0000	
	047	000	2			Stutsman		093	6	0000	
				005	6	Jamestown					40580
				999	9	Balance of county					99999
	048	000	2	999	9	Towner		095	6	0000	
	049	000	2	999	9	Traill		097	6	0000	
	050	000	2	999	9	Walsh		099	6	0000	
	051	000	2			Ward		101	4	0000	
				007	5	Minot					53380
				999	9	Balance of county					99999
	052	000	2	999	9	Wells		103	6	0000	
	053	000	2			Williams		105	6	0000	
				009	6	Williston					86220
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
36						Ohio	39				
	001	000	2	999	9	Adams		001	5	0000	
	002	164	1			Allen		003	3	4320	
				072	5	Lima					43554
				999	9	Balance of county					99999
	003	000	2			Ashland		005	5	0000	
				004	6	Ashland					02568
				999	9	Balance of county					99999
	004	059	1			Ashtabula		007	4	1680	
				005	6	Ashtabula					02638
				035	6	Conneaut					18350
				999	9	Balance of county					99999
	005	000	2			Athens		009	4	0000	
				006	6	Athens					02736
				999	9	Balance of county					99999
	006	164	1	999	9	Auglaize		011	5	4320	
	007	300	1	999	9	Belmont		013	4	9000	
	008	057	1	999	9	Brown		015	5	1640	
	009	120	1			Butler		017	2	3200	
				050	5	Fairfield					25970
				063	4	Hamilton					33012
				088	5	Middletown, part					49840
				102	6	Oxford					59234
				117	6	Sharonville, part					71892
				999	9	Balance of county					99999
	010	045	1	999	9	Carroll		019	5	1320	
	011	000	2			Champaign		021	5	0000	
				134	6	Urbana					79072
				999	9	Balance of county					99999
	012	070	1			Clark		023	3	2000	
				122	4	Springfield					74118
				999	9	Balance of county					99999
	013	057	1	999	9	Clermont		025	3	1640	
	014	000	2			Clinton		027	5	0000	
				149	6	Wilmington					85792
				999	9	Balance of county					99999
	015	309	1			Columbiana		029	3	9320	
				045	6	East Liverpool					23730
				113	6	Salem					69834
				999	9	Balance of county					99999
	016	000	2			Coshocton		031	5	0000	
				036	6	Coshocton					18868
				999	9	Balance of county					99999
	017	174	1			Crawford		033	5	4800	
				024	6	Bucyrus					10030
				058	6	Galion					29162
				999	9	Balance of county					99999
	018	059	1			Cuyahoga		035	0	1680	
				009	6	Bay Village					04416
				010	6	Beachwood					04500
				012	6	Bedford					04878
				013	6	Bedford Heights					04920
				015	6	Berea					05690
				019	6	Brecksville					08364
				020	6	Broadview Heights					09064
				021	6	Brooklyn					09246
				022	6	Brook Park					09288
				032	1	Cleveland					16000
				033	4	Cleveland Heights					16014
				043	5	East Cleveland					23380
				048	4	Euclid					25704
				051	6	Fairview Park					26446
				059	5	Garfield Heights					29428
				069	4	Lakewood					41664
				075	6	Lyndhurst					45556
				077	5	Maple Heights					47306
				083	6	Mayfield Heights					48482
				087	6	Middleburg Heights					49644
				095	5	North Olmsted					56882
				097	6	North Royalton					57008
				104	4	Parma					61000
				105	6	Parma Heights					61028
				112	6	Rocky River					68056
				115	6	Seven Hills					71416
				116	5	Shaker Heights					71682

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
36						Ohio	39				
	018					Cuyahoga, con.		035	0	1680	
				119	6	Solon					72928
				120	6	South Euclid					73264
				125	5	Strongsville					75098
				132	6	University Heights					78932
				140	6	Warrensville Heights					80990
				144	5	Westlake					83622
				999	9	Balance of county					99999
	019	000	2			Darke		037	4	0000	
				061	6	Greenville					32340
				999	9	Balance of county					99999
	020	000	2			Defiance		039	5	0000	
				039	6	Defiance					21308
				999	9	Balance of county					99999
	021	064	1			Delaware		041	4	1840	
				040	6	Delaware					21434
				042	6	Dublin, part					22694
				143	5	Westerville, part					83342
				999	9	Balance of county					99999
	022	000	2			Erie		043	4	0000	
				114	5	Sandusky					70380
				137	6	Vermilion, part					79716
				999	9	Balance of county					99999
	023	064	1			Fairfield		045	3	1840	
				034	1	Columbus, part					18000
				070	5	Lancaster					41720
				111	6	Reynoldsburg, part					66390
				999	9	Balance of county					99999
	024	000	2			Fayette		047	5	0000	
				141	6	Washington					81214
				999	9	Balance of county					99999
	025	064	1			Franklin		049	1	1840	
				016	6	Bexley					06278
				034	1	Columbus, part					18000
				042	6	Dublin, part					22694
				057	5	Gahanna					29106
				062	6	Grove City					32592
				064	6	Hilliard					35476
				111	6	Reynoldsburg, part					66390
				133	5	Upper Arlington					79002
				143	5	Westerville, part					83342
				145	6	Whitehall					84742
				151	6	Worthington					86604
				999	9	Balance of county					99999
	026	282	1	999	9	Fulton		051	5	8400	
	027	000	2	999	9	Gallia		053	5	0000	
	028	059	1	999	9	Geauga		055	4	1680	
	029	070	1			Greene		057	3	2000	
				011	5	Beavercreek					04720
				049	5	Fairborn					25914
				152	6	Xenia					86772
				999	9	Balance of county					99999
	030	000	2			Guernsey		059	5	0000	
				025	6	Cambridge					10996
				999	9	Balance of county					99999
	031	057	1			Hamilton		061	1	1640	
				017	6	Blue Ash					07300
				030	2	Cincinnati					15000
				053	6	Forest Park					27706
				074	6	Loveland					45108
				094	6	North College Hill					56322
				100	6	Norwood					57386
				110	6	Reading					65732
				117	6	Sharonville, part					71892
				121	6	Springdale					74104
				999	9	Balance of county					99999
	032	000	2			Hancock		063	4	0000	
				052	5	Findlay					27048
				054	6	Fostoria, part					28014
				999	9	Balance of county					99999
	033	000	2	999	9	Hardin		065	5	0000	
	034	000	2	999	9	Harrison		067	6	0000	
	035	000	2	999	9	Henry		069	5	0000	
	036	000	2	999	9	Highland		071	5	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty P/S	P/MSA Place
36						Ohio	39		
	037	000	2	999	9	Hocking		073 5	0000
	038	000	2	999	9	Holmes		075 5	0000
	039	000	2			Huron		077 4	0000
				099	6	Norwalk			57302
				999	9	Balance of county			99999
	040	000	2	999	9	Jackson		079 5	0000
	041	273	1			Jefferson		081 4	8080
				123	6	Steubenville			74608
				999	9	Balance of county			99999
	042	000	2			Knox		083 5	0000
				089	6	Mount Vernon			53102
				999	9	Balance of county			99999
	043	059	1			Lake		085 3	1680
				044	6	Eastlake			23618
				085	5	Mentor			49056
				103	6	Painesville			59416
				146	6	Wickliffe			85036
				147	6	Willoughby			85484
				148	6	Willowick			85638
				999	9	Balance of county			99999
	044	128	1			Lawrence		087 4	3400
				066	6	Ironton			37464
				999	9	Balance of county			99999
	045	064	1			Licking		089 3	1840
				090	5	Newark			54040
				111	6	Reynoldsburg, part			66390
				999	9	Balance of county			99999
	046	000	2			Logan		091 5	0000
				014	6	Bellefontaine			05130
				999	9	Balance of county			99999
	047	059	1			Lorain		093 2	1680
				003	6	Amherst			01798
				007	6	Avon Lake			03464
				046	4	Elyria			25256
				073	4	Lorain			44856
				096	6	North Ridgeville			56966
				137	6	Vermilion, part			79716
				999	9	Balance of county			99999
	048	282	1			Lucas		095 2	8400
				082	6	Maumee			48342
				101	6	Oregon			58730
				127	6	Sylvania			76022
				130	2	Toledo			77000
				999	9	Balance of county			99999
	049	064	1	999	9	Madison		097 5	1840
	050	309	1			Mahoning		099 2	9320
				002	6	Alliance, part			01420
				026	6	Campbell			11066
				126	6	Struthers			75126
				153	4	Youngstown, part			88000
				999	9	Balance of county			99999
	051	000	2			Marion		101 4	0000
				079	5	Marion			47754
				999	9	Balance of county			99999
	052	059	1			Medina		103 3	1680
				023	5	Brunswick			09680
				084	6	Medina			48790
				138	6	Wadsworth			80304
				999	9	Balance of county			99999
	053	000	2	999	9	Meigs		105 6	0000
	054	000	2	999	9	Mercer		107 5	0000
	055	070	1			Miami		109 4	2000
				065	5	Huber Heights, part			36610
				107	6	Piqua			62848
				131	6	Troy			77588
				999	9	Balance of county			99999
	056	000	2	999	9	Monroe		111 6	0000
	057	070	1			Montgomery		113 1	2000
				028	6	Centerville			13190
				038	3	Dayton			21000
				047	6	Englewood			25396
				065	5	Huber Heights, part			36610
				068	4	Kettering			40040
				086	6	Miamisburg			49434

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty P/S	P/MSA Place
36						Ohio	39		
	057					Montgomery, con.		113 1	2000
				135	6	Vandalia			79492
				142	6	West Carrollton City			83090
				999	9	Balance of county			99999
	058	000	2	999	9	Morgan		115 6	0000
	059	000	2	999	9	Morrow		117 5	0000
	060	000	2			Muskingum		119 4	0000
				154	5	Zanesville			88084
				999	9	Balance of county			99999
	061	000	2	999	9	Noble		121 6	0000
	062	000	2	999	9	Ottawa		123 5	0000
	063	000	2	999	9	Paulding		125 6	0000
	064	000	2	999	9	Perry		127 5	0000
	065	064	1			Pickaway		129 5	1840
				031	6	Circleville			15070
				999	9	Balance of county			99999
	066	000	2	999	9	Pike		131 6	0000
	067	002	1			Portage		133 3	0080
				067	5	Kent			39872
				109	6	Ravenna			65592
				999	9	Balance of county			99999
	068	000	2	999	9	Preble		135 5	0000
	069	000	2	999	9	Putnam		137 5	0000
	070	174	1			Richland		139 3	4800
				076	4	Mansfield			47138
				999	9	Balance of county			99999
	071	000	2			Ross		141 4	0000
				029	6	Chillicothe			14184
				999	9	Balance of county			99999
	072	000	2			Sandusky		143 4	0000
				056	6	Fremont			28826
				999	9	Balance of county			99999
	073	000	2			Scioto		145 4	0000
				108	6	Portsmouth			64304
				999	9	Balance of county			99999
	074	000	2			Seneca		147 4	0000
				054	6	Fostoria, part			28014
				129	6	Tiffin			76778
				999	9	Balance of county			99999
	075	000	2			Shelby		149 5	0000
				118	6	Sidney			72424
				999	9	Balance of county			99999
	076	045	1			Stark		151 2	1320
				002	6	Alliance, part			01420
				027	4	Canton			12000
				081	5	Massillon			48244
				093	6	North Canton			56294
				999	9	Balance of county			99999
	077	002	1			Summit		153 1	0080
				001	3	Akron			01000
				008	5	Barberton			03828
				037	5	Cuyahoga Falls			19778
				098	6	Norton, part			57260
				124	5	Stow			74944
				128	6	Tallmadge			76106
				999	9	Balance of county			99999
	078	309	1			Trumbull		155 3	9320
				060	6	Girard			30198
				092	6	Niles			55916
				139	4	Warren			80892
				153	4	Youngstown, part			88000
				999	9	Balance of county			99999
	079	000	2			Tuscarawas		157 4	0000
				041	6	Dover			22456
				091	6	New Philadelphia			55216
				999	9	Balance of county			99999
	080	000	2			Union		159 5	0000
				042	6	Dublin, part			22694
				999	9	Balance of county			99999
	081	000	2			Van Wert		161 5	0000
				136	6	Van Wert			79562
				999	9	Balance of county			99999
	082	000	2	999	9	Vinton		163 6	0000
	083	057	1			Warren		165 3	1640
				055	6	Franklin			28476

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
36						Ohio	39				
	083					Warren, con.		165	3	1640	
				071	6	Lebanon					42364
				080	6	Mason					48188
				088	5	Middletown, part					49840
				999	9	Balance of county					99999
	084	211	1			Washington		167	4	6020	
				078	6	Marietta					47628
				999	9	Balance of county					99999
	085	000	2			Wayne		169	3	0000	
				098	6	Norton, part					57260
				150	6	Wooster					86548
				999	9	Balance of county					99999
	086	000	2	999	9	Williams		171	5	0000	
	087	282	1			Wood		173	3	8400	
				018	5	Bowling Green					07972
				054	6	Fostoria, part					28014
				106	6	Perrysburg					62148
				999	9	Balance of county					99999
	088	000	2	999	9	Wyandot		175	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	P/S	P/MSA	Place
37						Oklahoma	40			
	001	000	2	999	9	Adair	001	6	0000	
	002	000	2	999	9	Alfalfa	003	6	0000	
	003	000	2	999	9	Atoka	005	6	0000	
	004	000	2	999	9	Beaver	007	6	0000	
	005	000	2			Beckham	009	6	0000	
				013	6	Elk City				23500
				999	9	Balance of county				99999
	006	000	2	999	9	Blaine	011	6	0000	
	007	000	2			Bryan	013	5	0000	
				011	6	Durant				22050
				999	9	Balance of county				99999
	008	000	2	999	9	Caddo	015	5	0000	
	009	204	1			Canadian	017	4	5880	
				014	6	El Reno				23700
				023	6	Mustang				50100
				025	2	Oklahoma City, part				55000
				038	6	Yukon				82950
				999	9	Balance of county				99999
	010	000	2			Carter	019	5	0000	
				003	6	Ardmore				02600
				999	9	Balance of county				99999
	011	000	2			Cherokee	021	5	0000	
				033	6	Tahlequah				72100
				999	9	Balance of county				99999
	012	000	2	999	9	Choctaw	023	6	0000	
	013	000	2	999	9	Cimarron	025	6	0000	
	014	204	1			Cleveland	027	3	5880	
				021	5	Moore				49200
				024	4	Norman				52500
				025	2	Oklahoma City, part				55000
				999	9	Balance of county				99999
	015	000	2	999	9	Coal	029	6	0000	
	016	161	1			Comanche	031	3	4200	
				017	4	Lawton				41850
				999	9	Balance of county				99999
	017	000	2	999	9	Cotton	033	6	0000	
	018	000	2	999	9	Craig	035	6	0000	
	019	286	1			Creek	037	4	8560	
				030	6	Sapulpa				65400
				999	9	Balance of county				99999
	020	000	2			Custer	039	5	0000	
				036	6	Weatherford				79450
				999	9	Balance of county				99999
	021	000	2	999	9	Delaware	041	5	0000	
	022	000	2	999	9	Dewey	043	6	0000	
	023	000	2	999	9	Ellis	045	6	0000	
	024	086	1			Garfield	047	4	2340	
				015	5	Enid				23950
				999	9	Balance of county				99999
	025	000	2	999	9	Garvin	049	5	0000	
	026	000	2			Grady	051	5	0000	
				007	6	Chickasha				13950
				999	9	Balance of county				99999
	027	000	2	999	9	Grant	053	6	0000	
	028	000	2	999	9	Greer	055	6	0000	
	029	000	2	999	9	Harmon	057	6	0000	
	030	000	2	999	9	Harper	059	6	0000	
	031	000	2	999	9	Haskell	061	6	0000	
	032	000	2	999	9	Hughes	063	6	0000	
	033	000	2			Jackson	065	5	0000	
				002	6	Altus				01700
				999	9	Balance of county				99999
	034	000	2	999	9	Jefferson	067	6	0000	
	035	000	2	999	9	Johnston	069	6	0000	
	036	000	2			Kay	071	5	0000	
				028	5	Ponca City				59850
				999	9	Balance of county				99999
	037	000	2	999	9	Kingfisher	073	6	0000	
	038	000	2	999	9	Kiowa	075	6	0000	
	039	000	2	999	9	Latimer	077	6	0000	
	040	000	2	999	9	Le Flore	079	5	0000	
	041	000	2	999	9	Lincoln	081	5	0000	
	042	204	1			Logan	083	5	5880	
				016	6	Guthrie				31700

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
37						Oklahoma	40				
	042					Logan, con.		083	5	5880	
				999	9	Balance of county					99999
	043	000	2	999	9	Love		085	6	0000	
	044	204	1			McClain		087	6	5880	
				025	2	Oklahoma City, part					55000
				999	9	Balance of county					99999
	045	000	2	999	9	McCurtain		089	5	0000	
	046	000	2	999	9	McIntosh		091	6	0000	
	047	000	2	999	9	Major		093	6	0000	
	048	000	2	999	9	Marshall		095	6	0000	
	049	000	2	999	9	Mayes		097	5	0000	
	050	000	2	999	9	Murray		099	6	0000	
	051	000	2			Muskogee		101	4	0000	
				022	5	Muskogee					50050
				999	9	Balance of county					99999
	052	000	2	999	9	Noble		103	6	0000	
	053	000	2	999	9	Nowata		105	6	0000	
	054	000	2	999	9	Okfuskee		107	6	0000	
	055	204	1			Oklahoma		109	1	5880	
				005	6	Bethany					05700
				009	6	Del City					19900
				012	4	Edmond					23200
				020	4	Midwest City					48350
				025	2	Oklahoma City, part					55000
				034	6	The Village					73250
				999	9	Balance of county					99999
	056	000	2			Okmulgee		111	5	0000	
				026	6	Okmulgee					55150
				999	9	Balance of county					99999
	057	286	1			Osage		113	5	8560	
				004	5	Bartlesville, part					04450
				029	6	Sand Springs, part					65300
				035	2	Tulsa, part					75000
				999	9	Balance of county					99999
	058	000	2			Ottawa		115	5	0000	
				019	6	Miami					48000
				999	9	Balance of county					99999
	059	000	2	999	9	Pawnee		117	6	0000	
	060	000	2			Payne		119	4	0000	
				032	5	Stillwater					70300
				999	9	Balance of county					99999
	061	000	2			Pittsburg		121	5	0000	
				018	6	McAlester					44800
				999	9	Balance of county					99999
	062	000	2			Pontotoc		123	5	0000	
				001	6	Ada					00200
				999	9	Balance of county					99999
	063	204	1			Pottawatomie		125	4	5880	
				025	2	Oklahoma City, part					55000
				031	5	Shawnee					66800
				999	9	Balance of county					99999
	064	000	2	999	9	Pushmataha		127	6	0000	
	065	000	2	999	9	Roger Mills		129	6	0000	
	066	286	1			Rogers		131	4	8560	
				008	6	Claremore					14700
				999	9	Balance of county					99999
	067	000	2	999	9	Seminole		133	5	0000	
	068	100	1	999	9	Sequoyah		135	5	2720	
	069	000	2			Stephens		137	5	0000	
				010	6	Duncan					21900
				999	9	Balance of county					99999
	070	000	2	999	9	Texas		139	6	0000	
	071	000	2	999	9	Tillman		141	6	0000	
	072	286	1			Tulsa		143	1	8560	
				006	4	Broken Arrow, part					09050
				027	6	Owasso					56650
				029	6	Sand Springs, part					65300
				035	2	Tulsa, part					75000
				999	9	Balance of county					99999
	073	286	1			Wagoner		145	5	8560	
				006	4	Broken Arrow, part					09050
				999	9	Balance of county					99999
	074	000	2			Washington		147	5	0000	
				004	5	Bartlesville, part					04450

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
37						Oklahoma	40				
	074					Washington, con.		147	5	0000	
				999	9	Balance of county					99999
	075	000	2	999	9	Washita		149	6	0000	
	076	000	2	999	9	Woods		151	6	0000	
	077	000	2			Woodward		153	6	0000	
				037	6	Woodward					82150
				999	9	Balance of county					99999

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
38						Oregon	41				
	001	000	2	999	9	Baker		001	6	0000	
	002	000	2			Benton		003	4	0000	
				001	5	Albany, part					01000
				008	5	Corvallis					15800
				999	9	Balance of county					99999
	003	220	1			Clackamas		005	2	6440	
				011	6	Gladstone					29000
				019	5	Lake Oswego, part					40550
				023	6	Milwaukie, part					48650
				025	6	Oregon City					55200
				027	2	Portland, part					59000
				032	6	Tualatin, part					74950
				033	6	West Linn					80150
				999	9	Balance of county					99999
	004	000	2			Clatsop		007	5	0000	
				003	6	Astoria					03150
				999	9	Balance of county					99999
	005	220	1	999	9	Columbia		009	5	6440	
	006	000	2			Coos		011	4	0000	
				007	6	Coos Bay					15250
				999	9	Balance of county					99999
	007	000	2	999	9	Crook		013	6	0000	
	008	000	2	999	9	Curry		015	6	0000	
	009	000	2			Deschutes		017	4	0000	
				005	6	Bend					05800
				999	9	Balance of county					99999
	010	000	2			Douglas		019	4	0000	
				028	6	Roseburg					63650
				999	9	Balance of county					99999
	011	000	2	999	9	Gilliam		021	6	0000	
	012	000	2	999	9	Grant		023	6	0000	
	013	000	2	999	9	Harney		025	6	0000	
	014	000	2	999	9	Hood River		027	6	0000	
	015	176	1			Jackson		029	3	4890	
				002	6	Ashland					03050
				022	5	Medford					47000
				999	9	Balance of county					99999
	016	000	2	999	9	Jefferson		031	6	0000	
	017	000	2			Josephine		033	4	0000	
				012	6	Grants Pass					30550
				999	9	Balance of county					99999
	018	000	2			Klamath		035	4	0000	
				017	6	Klamath Falls					39700
				999	9	Balance of county					99999
	019	000	2	999	9	Lake		037	6	0000	
	020	088	1			Lane		039	2	2400	
				009	3	Eugene					23850
				030	5	Springfield					69600
				999	9	Balance of county					99999
	021	000	2	999	9	Lincoln		041	5	0000	
	022	000	2			Linn		043	4	0000	
				001	5	Albany, part					01000
				020	6	Lebanon					41650
				999	9	Balance of county					99999
	023	000	2	999	9	Malheur		045	5	0000	
	024	244	1			Marion		047	3	7080	
				016	6	Keizer					38500
				029	4	Salem, part					64900
				034	6	Woodburn					83750
				999	9	Balance of county					99999
	025	000	2	999	9	Morrow		049	6	0000	
	026	220	1			Multnomah		051	1	6440	
				013	4	Gresham					31250
				019	5	Lake Oswego, part					40550
				023	6	Milwaukie, part					48650
				027	2	Portland, part					59000
				999	9	Balance of county					99999
	027	244	1			Polk		053	5	7080	
				029	4	Salem, part					64900
				999	9	Balance of county					99999
	028	000	2	999	9	Sherman		055	6	0000	
	029	000	2	999	9	Tillamook		057	6	0000	
	030	000	2			Umatilla		059	4	0000	
				014	6	Hermiston					33700

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
38						Oregon	41				
	030					Umatilla, con.		059	4	0000	
				026	6	Pendleton					57150
				999	9	Balance of county					99999
	031	000	2			Union		061	6	0000	
				018	6	La Grande					40350
				999	9	Balance of county					99999
	032	000	2	999	9	Wallowa		063	6	0000	
	033	000	2			Wasco		065	6	0000	
				006	6	City of the Dalles					13425
				999	9	Balance of county					99999
	034	220	1			Washington		067	2	6440	
				004	4	Beaverton					05350
				010	6	Forest Grove					26200
				015	5	Hillsboro					34100
				019	5	Lake Oswego, part					40550
				027	2	Portland, part					59000
				031	5	Tigard					73650
				032	6	Tualatin, part					74950
				999	9	Balance of county					99999
	035	000	2	999	9	Wheeler		069	6	0000	
	036	220	1			Yamhill		071	4	6440	
				021	6	McMinnville					45000
				024	6	Newberg					52100
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes				
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
39						Pennsylvania	42				
	001	000	2	999	9	Adams		001	4	0000	
	002	217	1			Allegheny		003	0	6280	
				006	6	Baldwin borough					03928
				010	5	Bethel Park borough					06064
				014	6	Brentwood borough					08416
				036	6	Franklin Park borough					27552
				041	6	Harrison Township					32868
				065	5	McCandless Township					45904
				066	5	McKeesport					46256
				074	5	Mount Lebanon					51704
				076	6	Munhall borough					52320
				077	5	Municipality of Monroeville borough					52330
				088	6	North Versailles					55496
				091	4	Penn Hills					59040
				094	2	Pittsburgh					61000
				095	5	Plum borough					61536
				102	5	Ross Township					66356
				105	5	Shaler Township					69596
				107	6	South Park Township					72403
				118	6	Swissvale borough					75816
				129	6	Upper St. Clair					79312
				137	6	West Mifflin borough					83512
				139	6	Whitehall borough					84512
				144	6	Wilkinsburg borough					85188
				999	9	Balance of county					99999
	003	000	2	999	9	Armstrong		005	4	0000	
	004	217	1			Beaver		007	3	6280	
				002	6	Aliquippa					00820
				007	6	Beaver Falls					04792
				999	9	Balance of county					99999
	005	000	2	999	9	Bedford		009	5	0000	
	006	228	1			Berks		011	2	6680	
				075	6	Muhlenberg township					52200
				100	4	Reading					63624
				113	6	Spring township					72824
				999	9	Balance of county					99999
	007	008	1			Blair		013	3	0280	
				004	4	Altoona					02184
				999	9	Balance of county					99999
	008	000	2	999	9	Bradford		015	4	0000	
	009	214	1			Bucks		017	1	6160	
				008	4	Bensalem township					05616
				015	6	Bristol borough					08760
				016	4	Bristol township					08768
				035	5	Falls township					25112
				059	5	Lower Makefield township					44968
				064	6	Lower Southampton township					45112
				071	5	Middletown township					49120
				084	6	Newtown township					54192
				086	5	Northampton township					54688
				130	6	Upper Southampton township					79296
				132	5	Warminster township					80952
				999	9	Balance of county					99999
	010	217	1			Butler		019	3	6280	
				017	6	Butler					10464
				999	9	Balance of county					99999
	011	141	1			Cambria		021	3	3680	
				050	5	Johnstown					38288
				999	9	Balance of county					99999
	012	000	2	999	9	Cameron		023	6	0000	
	013	007	1	999	9	Carbon		025	4	0240	
	014	272	1			Centre		027	3	8050	
				114	5	State College borough					73808
				999	9	Balance of county					99999
	015	214	1			Chester		029	2	6160	
				018	6	Caln township					10824
				024	6	Coatesville					14712
				028	6	East Goshen township					21192
				093	6	Phoenixville borough					60120
				120	5	Tredyffrin township					77344
				131	6	Uwchlan township					79480
				135	6	West Chester borough					82704
				136	6	West Goshen township					83080
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
39						Pennsylvania	42				
	016	000	2	999	9	Clarion		031	5	0000	
	017	000	2	999	9	Clearfield		033	4	0000	
	018	000	2	999	9	Clinton		035	5	0000	
	019	259	1			Columbia		037	4	7560	
				009	6	Berwick borough					05888
				013	6	Bloomsburg					07128
				999	9	Balance of county					99999
	020	000	2			Crawford		039	4	0000	
				069	6	Meadville					48360
				999	9	Balance of county					99999
	021	121	1			Cumberland		041	3	3240	
				020	6	Carlisle borough					11272
				031	6	East Pennsboro township					21680
				038	6	Hampden township					32296
				057	6	Lower Allen township					44832
				122	6	Upper Allen township					78736
				999	9	Balance of county					99999
	022	121	1			Dauphin		043	3	3240	
				040	4	Harrisburg					32800
				062	5	Lower Paxton township					45056
				116	6	Susquehanna township					75528
				117	6	Swatara township					75672
				999	9	Balance of county					99999
	023	214	1			Delaware		045	1	6160	
				005	6	Aston township					03336
				023	5	Chester					13208
				026	6	Darby borough					18152
				043	5	Haverford township					33144
				055	6	Lansdowne borough					41440
				068	6	Marple township					47616
				070	6	Middletown township					49136
				080	6	Nether Providence Township					53112
				083	6	Newtown township					54224
				099	5	Radnor Township					63268
				101	5	Ridley township					64800
				110	6	Springfield					73040
				123	6	Upper Chichester township					78776
				124	4	Upper Darby township					79000
				146	6	Yeadon borough					86968
				999	9	Balance of county					99999
	024	000	2	999	9	Elk		047	5	0000	
	025	087	1			Erie		049	2	2360	
				034	3	Erie					24000
				072	5	Millcreek township					49600
				999	9	Balance of county					99999
	026	217	1			Fayette		051	3	6280	
				121	6	Uniontown					78528
				999	9	Balance of county					99999
	027	000	2	999	9	Forest		053	6	0000	
	028	000	2			Franklin		055	3	0000	
				021	6	Chambersburg borough					12536
				999	9	Balance of county					99999
	029	000	2	999	9	Fulton		057	6	0000	
	030	000	2	999	9	Greene		059	5	0000	
	031	000	2	999	9	Huntingdon		061	5	0000	
	032	000	2			Indiana		063	4	0000	
				048	6	Indiana borough					36816
				999	9	Balance of county					99999
	033	000	2	999	9	Jefferson		065	5	0000	
	034	000	2	999	9	Juniata		067	6	0000	
	035	259	1			Lackawanna		069	3	7560	
				019	6	Carbondale					11232
				027	6	Dunmore borough					20352
				104	4	Scranton					69000
				999	9	Balance of county					99999
	036	155	1			Lancaster		071	2	4000	
				025	6	Columbia borough					15384
				033	6	Ephrata borough					23832
				052	4	Lancaster					41216
				053	6	Lancaster township					41224
				067	5	Manheim township					46896
				999	9	Balance of county					99999
	037	000	2			Lawrence		073	4	0000	
				081	5	New Castle					53368

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
39						Pennsylvania	42				
	037					Lawrence, con.		073	4	0000	
				999	9	Balance of county					99999
	038	121	1			Lebanon		075	3	3240	
				056	6	Lebanon					42168
				999	9	Balance of county					99999
	039	007	1			Lehigh		077	2	0240	
				003	3	Allentown					02000
				011	4	Bethlehem, part					06088
				032	6	Emmaus borough					23584
				103	6	Salisbury township					67576
				108	6	South Whitehall township					72632
				140	6	Whitehall township					84528
				999	9	Balance of county					99999
	040	259	1			Luzerne		079	2	7560	
				044	6	Hazleton					33408
				051	6	Kingston borough					39784
				079	6	Nanticoke					52584
				143	5	Wilkes-Barre					85152
				999	9	Balance of county					99999
	041	303	1			Lycoming		081	3	9140	
				145	5	Williamsport					85312
				999	9	Balance of county					99999
	042	000	2	999	9	McKean		083	5	0000	
	043	261	1			Mercer		085	3	7610	
				046	6	Hermitage					34064
				106	6	Sharon					69720
				999	9	Balance of county					99999
	044	000	2	999	9	Mifflin		087	5	0000	
	045	000	2	999	9	Monroe		089	4	0000	
	046	214	1			Montgomery		091	1	6160	
				001	4	Abington township					00156
				022	5	Cheltenham township					12968
				029	6	East Norriton					21608
				042	6	Hatfield township					33120
				047	6	Horsham township					35808
				054	6	Lansdale borough					41432
				060	4	Lower Merion township					44976
				061	6	Lower Moreland township					45008
				063	6	Lower Providence township					45080
				073	6	Montgomery township					50640
				085	5	Norristown borough					54656
				096	6	Plymouth township					61664
				097	6	Pottstown borough					62416
				111	6	Springfield township					73088
				119	6	Towamencin township					77152
				125	6	Upper Dublin township					79008
				126	6	Upper Gwynedd township					79056
				127	5	Upper Merion township					79136
				128	5	Upper Moreland township					79176
				138	6	West Norriton					83704
				141	6	Whitemarsh township					84624
				142	6	Whitpain township					84888
				999	9	Balance of county					99999
	047	000	2	999	9	Montour		093	6	0000	
	048	007	1			Northampton		095	3	0240	
				011	4	Bethlehem, part					06088
				012	6	Bethlehem township					06096
				030	5	Easton					21648
				090	6	Palmer township					57672
				999	9	Balance of county					99999
	049	000	2			Northumberland		097	4	0000	
				115	6	Sunbury					75304
				999	9	Balance of county					99999
	050	121	1	999	9	Perry		099	5	3240	
	051	214	1	092	0	Philadelphia, coext. with Phila. city		101	0	6160	60000
	052	199	1	999	9	Pike		103	5	5660	
	053	000	2	999	9	Potter		105	6	0000	
	054	000	2			Schuylkill		107	3	0000	
				098	6	Pottsville					62432
				999	9	Balance of county					99999
	055	000	2	999	9	Snyder		109	5	0000	
	056	141	1	999	9	Somerset		111	4	3680	
	057	000	2	999	9	Sullivan		113	6	0000	
	058	000	2	999	9	Susquehanna		115	5	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St Cnty	P/S	P/MSA	Place
39						Pennsylvania	42			
	059	000	2	999	9	Tioga	117	5	0000	
	060	000	2	999	9	Union	119	5	0000	
	061	000	2			Venango	121	4	0000	
				089	6	Oil City				56456
				999	9	Balance of county				99999
	062	000	2			Warren	123	5	0000	
				133	6	Warren				81000
				999	9	Balance of county				99999
	063	217	1			Washington	125	3	6280	
				134	6	Washington				81328
				999	9	Balance of county				99999
	064	000	2	999	9	Wayne	127	5	0000	
	065	217	1			Westmoreland	129	2	6280	
				037	6	Greensburg				31200
				045	5	Hempfield township				33792
				049	6	Jeannette				37784
				058	6	Lower Burrell				44864
				078	6	Municipality of Murrysville borough				52332
				082	6	New Kensington				53736
				087	5	North Huntingdon township				55128
				999	9	Balance of county				99999
	066	259	1	999	9	Wyoming	131	5	7560	
	067	308	1			York	133	2	9280	
				039	6	Hanover borough				32448
				109	6	Springettsbury township				72992
				112	6	Spring Garden township				73168
				147	5	York				87048
				999	9	Balance of county				99999

Vital Statistics Codes							FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
40						Rhode Island	44				
	001	221	1			Bristol		001	5	6483	
				001	6	Barrington					04960
				002	6	Bristol					09460
				015	6	Warren town					73760
				999	9	Balance of county					99999
	002	221	1			Kent		003	3	6483	
				004	5	Coventry town					18640
				016	4	Warwick					74300
				999	9	Balance of county					99999
	003	000	2			Newport		005	4	0000	
				009	6	Middletown town					45460
				011	5	Newport					49960
				999	9	Balance of county					99999
	004	221	1			Providence		007	1	6483	
				003	6	Central Falls					14140
				005	4	Cranston					19180
				006	5	Cumberland town					20080
				007	4	East Providence					22960
				008	5	Johnston town					37720
				012	5	North Providence					51940
				013	4	Pawtucket					54640
				014	3	Providence					59000
				017	5	Woonsocket					80780
				999	9	Balance of county					99999
	005	221	1			Washington		009	3	6483	
				010	6	Narragansett town					48340
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty P/S	P/MSA Place
41						South Carolina	45		
	001	000	2	999	9	Abbeville		001 6	0000
	002	018	1			Aiken		003 3	0600
				001	6	Aiken			00550
				022	6	North Augusta, part			50695
				999	9	Balance of county			99999
	003	000	2	999	9	Allendale		005 6	0000
	004	118	1			Anderson		007 3	3160
				002	5	Anderson			01360
				006	6	Clemson, part			14950
				999	9	Balance of county			99999
	005	000	2	999	9	Bamberg		009 6	0000
	006	000	2	999	9	Barnwell		011 6	0000
	007	000	2			Beaufort		013 4	0000
				016	6	Hilton Head Island			34045
				999	9	Balance of county			99999
	008	049	1			Berkeley		015 3	1440
				011	6	Goose Creek			29815
				015	6	Hanahan			32065
				023	4	North Charleston, part			50875
				028	6	Summerville, part			70270
				999	9	Balance of county			99999
	009	000	2	999	9	Calhoun		017 6	0000
	010	049	1			Charleston		019 2	1440
				005	4	Charleston			13330
				019	5	Mount Pleasant			48535
				023	4	North Charleston, part			50875
				028	6	Summerville, part			70270
				999	9	Balance of county			99999
	011	118	1			Cherokee		021 5	3160
				010	6	Gaffney			28060
				999	9	Balance of county			99999
	012	000	2	999	9	Chester		023 5	0000
	013	000	2	999	9	Chesterfield		025 5	0000
	014	000	2	999	9	Clarendon		027 5	0000
	015	000	2	999	9	Colleton		029 5	0000
	016	000	2	999	9	Darlington		031 4	0000
	017	000	2	999	9	Dillon		033 5	0000
	018	049	1			Dorchester		035 4	1440
				023	4	North Charleston, part			50875
				028	6	Summerville, part			70270
				999	9	Balance of county			99999
	019	018	1			Edgefield		037 6	0600
				022	6	North Augusta, part			50695
				999	9	Balance of county			99999
	020	000	2	999	9	Fairfield		039 6	0000
	021	095	1			Florence		041 3	2655
				009	5	Florence			25810
				999	9	Balance of county			99999
	022	000	2	999	9	Georgetown		043 5	0000
	023	118	1			Greenville		045 2	3160
				012	4	Greenville			30850
				014	6	Greer, part			30985
				018	6	Mauldin			45115
				026	6	Simpsonville			66580
				999	9	Balance of county			99999
	024	000	2			Greenwood		047 4	0000
				013	6	Greenwood			30895
				999	9	Balance of county			99999
	025	000	2	999	9	Hampton		049 6	0000
	026	190	1			Horry		051 3	5330
				020	6	Myrtle Beach			49075
				999	9	Balance of county			99999
	027	000	2	999	9	Jasper		053 6	0000
	028	000	2	999	9	Kershaw		055 5	0000
	029	000	2	999	9	Lancaster		057 4	0000
	030	000	2	999	9	Laurens		059 4	0000
	031	000	2	999	9	Lee		061 6	0000
	032	062	1			Lexington		063 3	1760
				004	6	Cayce			12655
				017	6	Irmo, part			35890
				030	6	West Columbia			75850
				999	9	Balance of county			99999
	033	000	2	999	9	McCormick		065 6	0000
	034	000	2	999	9	Marion		067 5	0000

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
41						South Carolina	45				
	035	000	2			Marlboro		069	5	0000	
				003	6	Bennettsville					05680
				999	9	Balance of county					99999
	036	000	2			Newberry		071	5	0000	
				021	6	Newberry					49570
				999	9	Balance of county					99999
	037	000	2	999	9	Oconee		073	4	0000	
	038	000	2			Orangeburg		075	4	0000	
				024	6	Orangeburg					53080
				999	9	Balance of county					99999
	039	118	1			Pickens		077	4	3160	
				006	6	Clemson, part					14950
				008	6	Easley					21985
				999	9	Balance of county					99999
	040	062	1			Richland		079	2	1760	
				007	4	Columbia					16000
				017	6	Irmo, part					35890
				999	9	Balance of county					99999
	041	000	2	999	9	Saluda		081	6	0000	
	042	118	1			Spartanburg		083	3	3160	
				014	6	Greer, part					30985
				027	5	Spartanburg					68290
				999	9	Balance of county					99999
	043	275	1			Sumter		085	3	8140	
				029	5	Sumter					70405
				999	9	Balance of county					99999
	044	000	2	999	9	Union		087	5	0000	
	045	000	2	999	9	Williamsburg		089	5	0000	
	046	051	1			York		091	3	1520	
				025	5	Rock Hill					61405
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
42						South Dakota	46				
	001	000	2	999	9	Aurora		003	6	0000	
	002	000	2			Beadle		005	6	0000	
				003	6	Huron					31060
				999	9	Balance of county					99999
	003	000	2	999	9	Bennett		007	6	0000	
	004	000	2	999	9	Bon Homme		009	6	0000	
	005	000	2			Brookings		011	5	0000	
				002	6	Brookings					07580
				999	9	Balance of county					99999
	006	000	2			Brown		013	5	0000	
				001	6	Aberdeen					00100
				999	9	Balance of county					99999
	007	000	2	999	9	Brule		015	6	0000	
	008	000	2	999	9	Buffalo		017	6	0000	
	009	000	2	999	9	Butte		019	6	0000	
	010	000	2	999	9	Campbell		021	6	0000	
	011	000	2	999	9	Charles Mix		023	6	0000	
	012	000	2	999	9	Clark		025	6	0000	
	013	000	2			Clay		027	6	0000	
				008	6	Vermillion					66700
				999	9	Balance of county					99999
	014	000	2			Codington		029	6	0000	
				009	6	Watertown					69300
				999	9	Balance of county					99999
	015	000	2	999	9	Corson		031	6	0000	
	016	000	2	999	9	Custer		033	6	0000	
	017	000	2			Davison		035	6	0000	
				004	6	Mitchell					43100
				999	9	Balance of county					99999
	018	000	2	999	9	Day		037	6	0000	
	019	000	2	999	9	Deuel		039	6	0000	
	020	000	2	999	9	Dewey		041	6	0000	
	021	000	2	999	9	Douglas		043	6	0000	
	022	000	2	999	9	Edmunds		045	6	0000	
	023	000	2	999	9	Fall River		047	6	0000	
	024	000	2	999	9	Faulk		049	6	0000	
	025	000	2	999	9	Grant		051	6	0000	
	026	000	2	999	9	Gregory		053	6	0000	
	027	000	2	999	9	Haakon		055	6	0000	
	028	000	2	999	9	Hamlin		057	6	0000	
	029	000	2	999	9	Hand		059	6	0000	
	030	000	2	999	9	Hanson		061	6	0000	
	031	000	2	999	9	Harding		063	6	0000	
	032	000	2			Hughes		065	6	0000	
				005	6	Pierre					49600
				999	9	Balance of county					99999
	033	000	2	999	9	Hutchinson		067	6	0000	
	034	000	2	999	9	Hyde		069	6	0000	
	035	000	2	999	9	Jackson		071	6	0000	
	036	000	2	999	9	Jerauld		073	6	0000	
	037	000	2	999	9	Jones		075	6	0000	
	038	000	2	999	9	Kingsbury		077	6	0000	
	039	000	2	999	9	Lake		079	6	0000	
	040	000	2	999	9	Lawrence		081	6	0000	
	041	266	1			Lincoln		083	6	7760	
				007	4	Sioux Falls, part					59020
				999	9	Balance of county					99999
	042	000	2	999	9	Lyman		085	6	0000	
	043	000	2	999	9	McCook		087	6	0000	
	044	000	2	999	9	McPherson		089	6	0000	
	045	000	2	999	9	Marshall		091	6	0000	
	046	000	2	999	9	Meade		093	6	0000	
	047	000	2	999	9	Mellette		095	6	0000	
	048	000	2	999	9	Miner		097	6	0000	
	049	266	1			Minnehaha		099	3	7760	
				007	4	Sioux Falls, part					59020
				999	9	Balance of county					99999
	050	000	2	999	9	Moody		101	6	0000	
	051	227	1			Pennington		103	4	6660	
				006	4	Rapid City					52980
				999	9	Balance of county					99999
	052	000	2	999	9	Perkins		105	6	0000	
	053	000	2	999	9	Potter		107	6	0000	
	054	000	2	999	9	Roberts		109	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	P/S	P/MSA	Place
42						South Dakota	46			
	055	000	2	999	9	Sanborn	111	6	0000	
	056	000	2	999	9	Shannon	113	6	0000	
	057	000	2	999	9	Spink	115	6	0000	
	058	000	2	999	9	Stanley	117	6	0000	
	059	000	2	999	9	Sully	119	6	0000	
	060	000	2	999	9	Todd	121	6	0000	
	061	000	2	999	9	Tripp	123	6	0000	
	062	000	2	999	9	Turner	125	6	0000	
	063	000	2	999	9	Union	127	6	0000	
	064	000	2	999	9	Walworth	129	6	0000	
	065	000	2			Yankton	135	6	0000	
				010	6	Yankton				73060
				999	9	Balance of county				99999
	066	000	2	999	9	Ziebach	137	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
43						Tennessee	47				
	001	148	1			Anderson		001	4	3840	
				035	6	Oak Ridge, part					55120
				999	9	Balance of county					99999
	002	000	2			Bedford		003	5	0000	
				037	6	Shelbyville					67760
				999	9	Balance of county					99999
	003	000	2	999	9	Benton		005	6	0000	
	004	000	2	999	9	Bledsoe		007	6	0000	
	005	148	1			Blount		009	4	3840	
				029	6	Maryville					46380
				999	9	Balance of county					99999
	006	000	2			Bradley		011	4	0000	
				008	5	Cleveland					15400
				999	9	Balance of county					99999
	007	000	2	999	9	Campbell		013	5	0000	
	008	000	2	999	9	Cannon		015	6	0000	
	009	000	2	999	9	Carroll		017	5	0000	
	010	140	1			Carter		019	4	3660	
				014	6	Elizabethton					23500
				023	5	Johnson City, part					38320
				999	9	Balance of county					99999
	011	192	1	999	9	Cheatham		021	5	5360	
	012	000	2	999	9	Chester		023	6	0000	
	013	000	2	999	9	Claiborne		025	5	0000	
	014	000	2	999	9	Clay		027	6	0000	
	015	000	2	999	9	Cocke		029	5	0000	
	016	000	2			Coffee		031	5	0000	
				040	6	Tullahoma, part					75320
				999	9	Balance of county					99999
	017	000	2	999	9	Crockett		033	6	0000	
	018	000	2	999	9	Cumberland		035	5	0000	
	019	192	1			Davidson		037	1	5360	
				019	6	Goodlettsville, part					29920
				034	2	Nashville-Davidson					52010
				999	9	Balance of county					99999
	020	000	2	999	9	Decatur		039	6	0000	
	021	000	2	999	9	De Kalb		041	6	0000	
	022	192	1	999	9	Dickson		043	5	5360	
	023	000	2			Dyer		045	5	0000	
				012	6	Dyersburg					22200
				999	9	Balance of county					99999
	024	178	1	999	9	Fayette		047	5	4920	
	025	000	2	999	9	Fentress		049	6	0000	
	026	000	2			Franklin		051	5	0000	
				040	6	Tullahoma, part					75320
				999	9	Balance of county					99999
	027	000	2	999	9	Gibson		053	5	0000	
	028	000	2	999	9	Giles		055	5	0000	
	029	000	2	999	9	Grainger		057	6	0000	
	030	000	2			Greene		059	4	0000	
				020	6	Greeneville					30980
				999	9	Balance of county					99999
	031	000	2	999	9	Grundy		061	6	0000	
	032	000	2			Hamblen		063	4	0000	
				032	6	Morristown					50280
				999	9	Balance of county					99999
	033	053	1			Hamilton		065	2	1560	
				006	3	Chattanooga					14000
				013	6	East Ridge					22720
				036	6	Red Bank					61960
				999	9	Balance of county					99999
	034	000	2	999	9	Hancock		067	6	0000	
	035	000	2	999	9	Hardeman		069	6	0000	
	036	000	2	999	9	Hardin		071	6	0000	
	037	140	1			Hawkins		073	5	3660	
				024	5	Kingsport, part					39560
				999	9	Balance of county					99999
	038	000	2			Haywood		075	6	0000	
				005	6	Brownsville					08920
				999	9	Balance of county					99999
	039	000	2	999	9	Henderson		077	6	0000	
	040	000	2	999	9	Henry		079	5	0000	
	041	000	2	999	9	Hickman		081	6	0000	
	042	000	2	999	9	Houston		083	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
43						Tennessee	47				
	043	000	2	999	9	Humphreys		085	6	0000	
	044	000	2	999	9	Jackson		087	6	0000	
	045	000	2	999	9	Jefferson		089	5	0000	
	046	000	2	999	9	Johnson		091	6	0000	
	047	148	1			Knox		093	2	3840	
				015	6	Farragut, part					25760
				025	3	Knoxville					40000
				999	9	Balance of county					99999
	048	000	2	999	9	Lake		095	6	0000	
	049	000	2	999	9	Lauderdale		097	6	0000	
	050	000	2			Lawrence		099	5	0000	
				026	6	Lawrenceburg					41340
				999	9	Balance of county					99999
	051	000	2	999	9	Lewis		101	6	0000	
	052	000	2	999	9	Lincoln		103	5	0000	
	053	148	1			Loudon		105	5	3840	
				015	6	Farragut, part					25760
				999	9	Balance of county					99999
	054	000	2			McMinn		107	5	0000	
				001	6	Athens					02320
				999	9	Balance of county					99999
	055	000	2	999	9	McNairy		109	6	0000	
	056	000	2	999	9	Macon		111	6	0000	
	057	134	1			Madison		113	4	3580	
				022	5	Jackson					37640
				999	9	Balance of county					99999
	058	053	1	999	9	Marion		115	6	1560	
	059	000	2	999	9	Marshall		117	6	0000	
	060	000	2			Maury		119	4	0000	
				010	5	Columbia					16540
				999	9	Balance of county					99999
	061	000	2	999	9	Meigs		121	6	0000	
	062	000	2	999	9	Monroe		123	5	0000	
	063	058	1			Montgomery		125	3	1660	
				007	4	Clarksville					15160
				999	9	Balance of county					99999
	064	000	2	999	9	Moore		127	6	0000	
	065	000	2	999	9	Morgan		129	6	0000	
	066	000	2			Obion		131	5	0000	
				041	6	Union City					75940
				999	9	Balance of county					99999
	067	000	2	999	9	Overton		133	6	0000	
	068	000	2	999	9	Perry		135	6	0000	
	069	000	2	999	9	Pickett		137	6	0000	
	070	000	2	999	9	Polk		139	6	0000	
	071	000	2			Putnam		141	4	0000	
				011	6	Cookeville					16920
				999	9	Balance of county					99999
	072	000	2	999	9	Rhea		143	6	0000	
	073	000	2			Roane		145	5	0000	
				035	6	Oak Ridge, part					55120
				999	9	Balance of county					99999
	074	192	1			Robertson		147	5	5360	
				039	6	Springfield					70500
				999	9	Balance of county					99999
	075	192	1			Rutherford		149	3	5360	
				033	5	Murfreesboro					51560
				038	6	Smyrna					69420
				999	9	Balance of county					99999
	076	000	2	999	9	Scott		151	6	0000	
	077	000	2	999	9	Sequatchie		153	6	0000	
	078	148	1	999	9	Sevier		155	4	3840	
	079	178	1			Shelby		157	1	4920	
				002	5	Bartlett					03440
				009	6	Collierville					16420
				018	5	Germantown					28960
				030	1	Memphis					48000
				031	6	Millington					49060
				999	9	Balance of county					99999
	080	000	2	999	9	Smith		159	6	0000	
	081	000	2	999	9	Stewart		161	6	0000	
	082	140	1			Sullivan		163	3	3660	
				004	6	Bristol					08540
				023	5	Johnson City, part					38320

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
43						Tennessee	47				
	082					Sullivan, con.		163	3	3660	
				024	5	Kingsport, part					39560
				999	9	Balance of county					99999
	083	192	1			Sumner		165	3	5360	
				017	6	Gallatin					28540
				019	6	Goodlettsville, part					29920
				021	5	Hendersonville					33280
				999	9	Balance of county					99999
	084	178	1	999	9	Tipton		167	5	4920	
	085	000	2	999	9	Trousdale		169	6	0000	
	086	140	1	999	9	Unicoi		171	6	3660	
	087	148	1	999	9	Union		173	6	3840	
	088	000	2	999	9	Van Buren		175	6	0000	
	089	000	2			Warren		177	5	0000	
				028	6	McMinnville					45100
				999	9	Balance of county					99999
	090	140	1			Washington		179	4	3660	
				023	5	Johnson City, part					38320
				999	9	Balance of county					99999
	091	000	2	999	9	Wayne		181	6	0000	
	092	000	2	999	9	Weakley		183	5	0000	
	093	000	2	999	9	White		185	6	0000	
	094	192	1			Williamson		187	4	5360	
				003	6	Brentwood					08280
				016	6	Franklin					27740
				999	9	Balance of county					99999
	095	192	1			Wilson		189	4	5360	
				027	6	Lebanon					41520
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
44						Texas	48				
	001	000	2			Anderson		001	5	0000	
				116	6	Palestine					54708
				999	9	Balance of county					99999
	002	000	2			Andrews		003	6	0000	
				006	6	Andrews					03216
				999	9	Balance of county					99999
	003	000	2			Angelina		005	4	0000	
				098	5	Lufkin					45072
				999	9	Balance of county					99999
	004	000	2	999	9	Aransas		007	6	0000	
	005	302	1			Archer		009	6	9080	
				171	4	Wichita Falls, part					79000
				999	9	Balance of county					99999
	006	000	2	999	9	Armstrong		011	6	0000	
	007	000	2	999	9	Atascosa		013	5	0000	
	008	000	2	999	9	Austin		015	6	0000	
	009	000	2	999	9	Bailey		017	6	0000	
	010	000	2	999	9	Bandera		019	6	0000	
	011	019	1	999	9	Bastrop		021	5	0640	
	012	000	2	999	9	Baylor		023	6	0000	
	013	000	2			Bee		025	5	0000	
				016	6	Beeville					07192
				999	9	Balance of county					99999
	014	147	1			Bell		027	3	3810	
				018	6	Belton					07492
				071	6	Harker Heights					32312
				084	4	Killeen					39148
				152	5	Temple					72176
				999	9	Balance of county					99999
	015	248	1			Bexar		029	0	7240	
				095	6	Live Oak					43096
				137	1	San Antonio					65000
				141	6	Schertz, part					66128
				158	6	Universal City					74408
				999	9	Balance of county					99999
	016	000	2	999	9	Blanco		031	6	0000	
	017	000	2	999	9	Borden		033	6	0000	
	018	000	2	999	9	Bosque		035	6	0000	
	019	281	1			Bowie		037	4	8360	
				154	5	Texarkana					72368
				999	9	Balance of county					99999
	020	039	1			Brazoria		039	3	1145	
				004	6	Alvin					02272
				007	6	Angleton					03264
				058	6	Freeport					27420
				086	6	Lake Jackson					40588
				120	6	Pearland, part					56348
				999	9	Balance of county					99999
	021	042	1			Brazos		041	3	1260	
				025	4	Bryan					10912
				032	4	College Station					15976
				999	9	Balance of county					99999
	022	000	2	999	9	Brewster		043	6	0000	
	023	000	2	999	9	Briscoe		045	6	0000	
	024	000	2	999	9	Brooks		047	6	0000	
	025	000	2			Brown		049	5	0000	
				024	6	Brownwood					10780
				999	9	Balance of county					99999
	026	000	2	999	9	Burleson		051	6	0000	
	027	000	2	999	9	Burnet		053	6	0000	
	028	019	1			Caldwell		055	5	0640	
				140	5	San Marcos, part					65600
				999	9	Balance of county					99999
	029	000	2			Calhoun		057	6	0000	
				127	6	Port Lavaca					58916
				999	9	Balance of county					99999
	030	000	2	999	9	Callahan		059	6	0000	
	031	041	1			Cameron		061	2	1240	
				023	4	Brownsville					10768
				072	5	Harlingen					32372
				138	6	San Benito					65036
				999	9	Balance of county					99999
	032	000	2	999	9	Camp		063	6	0000	
	033	000	2	999	9	Carson		065	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
44						Texas	48				
	034	000	2	999	9	Cass		067	5	0000	
	035	000	2	999	9	Castro		069	6	0000	
	036	127	1			Chambers		071	6	3360	
				013	4	Baytown, part					06128
				999	9	Balance of county					99999
	037	000	2			Cherokee		073	5	0000	
				080	6	Jacksonville					37216
				999	9	Balance of county					99999
	038	000	2	999	9	Childress		075	6	0000	
	039	000	2	999	9	Clay		077	6	0000	
	040	000	2	999	9	Cochran		079	6	0000	
	041	000	2	999	9	Coke		081	6	0000	
	042	000	2	999	9	Coleman		083	6	0000	
	043	067	1			Collin		085	2	1920	
				003	6	Allen					01924
				029	5	Carrollton, part					13024
				039	1	Dallas, part					19000
				063	3	Garland, part					29000
				100	6	McKinney					45744
				124	3	Plano, part					58016
				129	4	Richardson, part					61796
				999	9	Balance of county					99999
	044	000	2	999	9	Collingsworth		087	6	0000	
	045	000	2	999	9	Colorado		089	6	0000	
	046	248	1			Comal		091	4	7240	
				112	5	New Braunfels, part					50820
				141	6	Schertz, part					66128
				999	9	Balance of county					99999
	047	000	2	999	9	Comanche		093	6	0000	
	048	000	2	999	9	Concho		095	6	0000	
	049	000	2			Cooke		097	5	0000	
				060	6	Gainesville					27984
				999	9	Balance of county					99999
	050	147	1			Coryell		099	4	3810	
				036	6	Copperas Cove, part					16624
				064	6	Gatesville					29168
				999	9	Balance of county					99999
	051	000	2	999	9	Cottle		101	6	0000	
	052	000	2	999	9	Crane		103	6	0000	
	053	000	2	999	9	Crockett		105	6	0000	
	054	000	2	999	9	Crosby		107	6	0000	
	055	000	2	999	9	Culberson		109	6	0000	
	056	000	2	999	9	Dallam		111	6	0000	
	057	067	1			Dallas		113	0	1920	
				011	6	Balch Springs					05372
				029	5	Carrollton, part					13024
				030	6	Cedar Hill, part					13492
				035	6	Coppell, part					16612
				039	1	Dallas, part					19000
				044	5	DeSoto					20092
				047	5	Duncanville					21628
				054	6	Farmers Branch					25452
				063	3	Garland, part					29000
				066	4	Grand Prairie, part					30464
				067	5	Grapevine, part					30644
				079	3	Irving					37000
				089	6	Lancaster					41212
				094	5	Lewisville, part					42508
				104	3	Mesquite					47892
				129	4	Richardson, part					61796
				135	6	Rowlett, part					63572
				159	6	University Park					74492
				999	9	Balance of county					99999
	058	000	2			Dawson		115	6	0000	
				088	6	Lamesa					41164
				999	9	Balance of county					99999
	059	000	2			Deaf Smith		117	6	0000	
				074	6	Hereford					33320
				999	9	Balance of county					99999
	060	000	2	999	9	Delta		119	6	0000	
	061	067	1			Denton		121	2	1920	
				029	5	Carrollton, part					13024
				035	6	Coppell, part					16612
				039	1	Dallas, part					19000

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St Cnty	P/S	P/MSA	Place
44						Texas	48			
	061					Denton, con.	121	2	1920	
				043	4	Denton				19972
				055	6	Flower Mound, part				26232
				057	2	Fort Worth, part				27000
				067	5	Grapevine, part				30644
				094	5	Lewisville, part				42508
				124	3	Plano, part				58016
				156	6	The Colony				72530
				999	9	Balance of county				99999
	062	000	2	999	9	De Witt	123	6	0000	
	063	000	2	999	9	Dickens	125	6	0000	
	064	000	2	999	9	Dimmit	127	6	0000	
	065	000	2	999	9	Donley	129	6	0000	
	066	000	2	999	9	Duval	131	6	0000	
	067	000	2	999	9	Eastland	133	6	0000	
	068	203	1			Ector	135	3	5800	
				114	4	Odessa, part				53388
				999	9	Balance of county				99999
	069	000	2	999	9	Edwards	137	6	0000	
	070	067	1			Ellis	139	4	1920	
				030	6	Cedar Hill, part				13492
				052	6	Ennis				24348
				066	4	Grand Prairie, part				30464
				101	6	Mansfield, part				46452
				166	6	Waxahachie				76816
				999	9	Balance of county				99999
	071	083	1			El Paso	141	1	2320	
				051	1	El Paso				24000
				145	6	Socorro				68636
				999	9	Balance of county				99999
	072	000	2			Erath	143	5	0000	
				147	6	Stephenville				70208
				999	9	Balance of county				99999
	073	000	2	999	9	Falls	145	6	0000	
	074	000	2	999	9	Fannin	147	6	0000	
	075	000	2	999	9	Fayette	149	6	0000	
	076	000	2	999	9	Fisher	151	6	0000	
	077	000	2	999	9	Floyd	153	6	0000	
	078	000	2	999	9	Foard	155	6	0000	
	079	127	1			Fort Bend	157	3	3360	
				075	0	Houston, part				35000
				108	5	Missouri City, part				48804
				130	6	Richmond				61892
				133	6	Rosenberg				63284
				148	6	Sugar Land				70808
				999	9	Balance of county				99999
	080	000	2	999	9	Franklin	159	6	0000	
	081	000	2	999	9	Freestone	161	6	0000	
	082	000	2	999	9	Frio	163	6	0000	
	083	000	2	999	9	Gaines	165	6	0000	
	084	107	1			Galveston	167	3	2920	
				059	6	Friendswood, part				27648
				062	4	Galveston				28068
				087	6	La Marque				41116
				092	5	League City, part				41980
				155	5	Texas City				72392
				999	9	Balance of county				99999
	085	000	2	999	9	Garza	169	6	0000	
	086	000	2	999	9	Gillespie	171	6	0000	
	087	000	2	999	9	Glasscock	173	6	0000	
	088	000	2	999	9	Goliad	175	6	0000	
	089	000	2	999	9	Gonzales	177	6	0000	
	090	000	2			Gray	179	6	0000	
				117	6	Pampa				54912
				999	9	Balance of county				99999
	091	263	1			Grayson	181	4	7640	
				042	6	Denison				19900
				143	5	Sherman				67496
				999	9	Balance of county				99999
	092	167	1			Gregg	183	3	4420	
				083	6	Kilgore, part				39124
				096	4	Longview, part				43888
				999	9	Balance of county				99999
	093	000	2	999	9	Grimes	185	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
44						Texas	48				
	094	248	1			Guadalupe		187	4	7240	
				112	5	New Braunfels, part					50820
				141	6	Schertz, part					66128
				142	6	Seguin					66644
				999	9	Balance of county					99999
	095	000	2			Hale		189	5	0000	
				123	6	Plainview					57980
				999	9	Balance of county					99999
	096	000	2	999	9	Hall		191	6	0000	
	097	000	2	999	9	Hamilton		193	6	0000	
	098	000	2	999	9	Hansford		195	6	0000	
	099	000	2	999	9	Hardeman		197	6	0000	
	100	025	1	999	9	Hardin		199	5	0840	
	101	127	1			Harris		201	0	3360	
				013	4	Baytown, part					06128
				017	6	Bellaire					07300
				040	5	Deer Park					19624
				059	6	Friendswood, part					27648
				061	6	Galena Park					27996
				075	0	Houston, part					35000
				076	6	Humble					35348
				090	5	La Porte					41440
				092	5	League City, part					41980
				108	5	Missouri City, part					48804
				119	3	Pasadena					56000
				120	6	Pearland, part					56348
				146	6	South Houston					69020
				169	6	West University Place					77956
				999	9	Balance of county					99999
	102	167	1			Harrison		203	4	4420	
				096	4	Longview, part					43888
				102	6	Marshall					46776
				999	9	Balance of county					99999
	103	000	2	999	9	Hartley		205	6	0000	
	104	000	2	999	9	Haskell		207	6	0000	
	105	019	1			Hays		209	4	0640	
				140	5	San Marcos, part					65600
				999	9	Balance of county					99999
	106	000	2	999	9	Hemphill		211	6	0000	
	107	067	1			Henderson		213	4	1920	
				009	6	Athens					04504
				999	9	Balance of county					99999
	108	175	1			Hidalgo		215	2	4880	
				045	6	Donna					20884
				049	5	Edinburg					22660
				099	4	McAllen					45384
				103	6	Mercedes					47700
				107	5	Mission					48768
				122	5	Pharr					57200
				139	6	San Juan					65516
				168	6	Weslaco					77272
				999	9	Balance of county					99999
	109	000	2	999	9	Hill		217	5	0000	
	110	000	2			Hockley		219	6	0000	
				093	6	Levelland					42448
				999	9	Balance of county					99999
	111	103	1	999	9	Hood		221	5	2800	
	112	000	2			Hopkins		223	5	0000	
				149	6	Sulphur Springs					70904
				999	9	Balance of county					99999
	113	000	2	999	9	Houston		225	6	0000	
	114	000	2			Howard		227	5	0000	
				020	6	Big Spring					08236
				999	9	Balance of county					99999
	115	000	2	999	9	Hudspeth		229	6	0000	
	116	067	1			Hunt		231	4	1920	
				068	6	Greenville					30920
				999	9	Balance of county					99999
	117	000	2			Hutchinson		233	5	0000	
				021	6	Borger					09556
				999	9	Balance of county					99999
	118	000	2	999	9	Irion		235	6	0000	
	119	000	2	999	9	Jack		237	6	0000	
	120	000	2	999	9	Jackson		239	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
44						Texas	48				
	121	000	2	999	9	Jasper		241	5	0000	
	122	000	2	999	9	Jeff Davis		243	6	0000	
	123	025	1			Jefferson		245	3	0840	
				014	3	Beaumont					07000
				069	6	Groves					31328
				111	6	Nederland					50580
				125	4	Port Arthur					58820
				128	6	Port Neches					58940
				999	9	Balance of county					99999
	124	000	2	999	9	Jim Hogg		247	6	0000	
	125	000	2			Jim Wells		249	5	0000	
				002	6	Alice					01852
				999	9	Balance of county					99999
	126	103	1			Johnson		251	4	2800	
				027	6	Burleson, part					11428
				031	6	Cleburne					15364
				101	6	Mansfield, part					46452
				999	9	Balance of county					99999
	127	000	2			Jones		253	6	0000	
				001	3	Abilene, part					01000
				999	9	Balance of county					99999
	128	000	2	999	9	Karnes		255	6	0000	
	129	067	1			Kaufman		257	4	1920	
				039	1	Dallas, part					19000
				153	6	Terrell					72284
				999	9	Balance of county					99999
	130	000	2	999	9	Kendall		259	6	0000	
	131	000	2	999	9	Kenedy		261	6	0000	
	132	000	2	999	9	Kent		263	6	0000	
	133	000	2			Kerr		265	5	0000	
				082	6	Kerrville					39040
				999	9	Balance of county					99999
	134	000	2	999	9	Kimble		267	6	0000	
	135	000	2	999	9	King		269	6	0000	
	136	000	2	999	9	Kinney		271	6	0000	
	137	000	2			Kleberg		273	5	0000	
				037	2	Corpus Christi, part					17000
				085	5	Kingsville					39352
				999	9	Balance of county					99999
	138	000	2	999	9	Knox		275	6	0000	
	139	000	2			Lamar		277	5	0000	
				118	6	Paris					55080
				999	9	Balance of county					99999
	140	000	2	999	9	Lamb		279	6	0000	
	141	000	2			Lampasas		281	6	0000	
				036	6	Copperas Cove, part					16624
				999	9	Balance of county					99999
	142	000	2	999	9	La Salle		283	6	0000	
	143	000	2	999	9	Lavaca		285	6	0000	
	144	000	2	999	9	Lee		287	6	0000	
	145	000	2	999	9	Leon		289	6	0000	
	146	127	1	999	9	Liberty		291	4	3360	
	147	000	2	999	9	Limestone		293	6	0000	
	148	000	2	999	9	Lipscomb		295	6	0000	
	149	000	2	999	9	Live Oak		297	6	0000	
	150	000	2	999	9	Llano		299	6	0000	
	151	000	2	999	9	Loving		301	6	0000	
	152	170	1			Lubbock		303	3	4600	
				097	3	Lubbock					45000
				999	9	Balance of county					99999
	153	000	2	999	9	Lynn		305	6	0000	
	154	000	2	999	9	McCulloch		307	6	0000	
	155	295	1			McLennan		309	3	8800	
				164	3	Waco					76000
				999	9	Balance of county					99999
	156	000	2	999	9	McMullen		311	6	0000	
	157	000	2	999	9	Madison		313	6	0000	
	158	000	2	999	9	Marion		315	6	0000	
	159	000	2			Martin		317	6	0000	
				105	4	Midland, part					48072
				999	9	Balance of county					99999
	160	000	2	999	9	Mason		319	6	0000	
	161	000	2			Matagorda		321	5	0000	
				012	6	Bay City					05984

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
44						Texas	48				
	161					Matagorda, con.		321	5	0000	
				999	9	Balance of county					99999
	162	000	2			Maverick		323	5	0000	
				048	6	Eagle Pass					21892
				999	9	Balance of county					99999
	163	000	2	999	9	Medina		325	5	0000	
	164	000	2	999	9	Menard		327	6	0000	
	165	203	1			Midland		329	3	5800	
				105	4	Midland, part					48072
				114	4	Odessa, part					53388
				999	9	Balance of county					99999
	166	000	2	999	9	Milam		331	6	0000	
	167	000	2	999	9	Mills		333	6	0000	
	168	000	2	999	9	Mitchell		335	6	0000	
	169	000	2	999	9	Montague		337	6	0000	
	170	127	1			Montgomery		339	3	3360	
				034	5	Conroe					16432
				075	0	Houston, part					35000
				999	9	Balance of county					99999
	171	000	2			Moore		341	6	0000	
				046	6	Dumas					21556
				999	9	Balance of county					99999
	172	000	2	999	9	Morris		343	6	0000	
	173	000	2	999	9	Motley		345	6	0000	
	174	000	2			Nacogdoches		347	4	0000	
				110	5	Nacogdoches					50256
				999	9	Balance of county					99999
	175	000	2			Navarro		349	5	0000	
				038	6	Corsicana					17060
				999	9	Balance of county					99999
	176	000	2	999	9	Newton		351	6	0000	
	177	000	2			Nolan		353	6	0000	
				150	6	Sweetwater					71540
				999	9	Balance of county					99999
	178	065	1			Nueces		355	2	1880	
				037	2	Corpus Christi, part					17000
				126	6	Portland, part					58904
				131	6	Robstown					62600
				999	9	Balance of county					99999
	179	000	2	999	9	Ochiltree		357	6	0000	
	180	000	2	999	9	Oldham		359	6	0000	
	181	025	1			Orange		361	4	0840	
				115	6	Orange					54132
				163	6	Vidor					75476
				999	9	Balance of county					99999
	182	000	2			Palo Pinto		363	5	0000	
				106	6	Mineral Wells, part					48684
				999	9	Balance of county					99999
	183	000	2	999	9	Panola		365	6	0000	
	184	103	1			Parker		367	4	2800	
				106	6	Mineral Wells, part					48684
				167	6	Weatherford					76864
				999	9	Balance of county					99999
	185	000	2	999	9	Parmer		369	6	0000	
	186	000	2	999	9	Pecos		371	6	0000	
	187	000	2	999	9	Polk		373	5	0000	
	188	009	1			Potter		375	4	0320	
				005	4	Amarillo, part					03000
				999	9	Balance of county					99999
	189	000	2	999	9	Presidio		377	6	0000	
	190	000	2	999	9	Rains		379	6	0000	
	191	009	1			Randall		381	4	0320	
				005	4	Amarillo, part					03000
				028	6	Canyon					12532
				999	9	Balance of county					99999
	192	000	2	999	9	Reagan		383	6	0000	
	193	000	2	999	9	Real		385	6	0000	
	194	000	2	999	9	Red River		387	6	0000	
	195	000	2			Reeves		389	6	0000	
				121	6	Pecos					56516
				999	9	Balance of county					99999
	196	000	2	999	9	Refugio		391	6	0000	
	197	000	2	999	9	Roberts		393	6	0000	
	198	000	2	999	9	Robertson		395	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
44						Texas	48				
	199	067	1			Rockwall		397	5	1920	
				039	1	Dallas, part					19000
				063	3	Garland, part					29000
				132	6	Rockwall					62828
				135	6	Rowlett, part					63572
				999	9	Balance of county					99999
	200	000	2	999	9	Runnels		399	6	0000	
	201	000	2			Rusk		401	5	0000	
				073	6	Henderson					33212
				083	6	Kilgore, part					39124
				999	9	Balance of county					99999
	202	000	2	999	9	Sabine		403	6	0000	
	203	000	2	999	9	San Augustine		405	6	0000	
	204	000	2	999	9	San Jacinto		407	6	0000	
	205	065	1			San Patricio		409	4	1880	
				037	2	Corpus Christi, part					17000
				126	6	Portland, part					58904
				999	9	Balance of county					99999
	206	000	2	999	9	San Saba		411	6	0000	
	207	000	2	999	9	Schleicher		413	6	0000	
	208	000	2			Scurry		415	6	0000	
				144	6	Snyder					68624
				999	9	Balance of county					99999
	209	000	2	999	9	Shackelford		417	6	0000	
	210	000	2	999	9	Shelby		419	6	0000	
	211	000	2	999	9	Sherman		421	6	0000	
	212	288	1			Smith		423	3	8640	
				157	4	Tyler					74144
				999	9	Balance of county					99999
	213	000	2	999	9	Somervell		425	6	0000	
	214	000	2	999	9	Starr		427	5	0000	
	215	000	2	999	9	Stephens		429	6	0000	
	216	000	2	999	9	Sterling		431	6	0000	
	217	000	2	999	9	Stonewall		433	6	0000	
	218	000	2	999	9	Sutton		435	6	0000	
	219	000	2	999	9	Swisher		437	6	0000	
	220	103	1			Tarrant		439	0	2800	
				008	2	Arlington					04000
				015	5	Bedford					07132
				019	6	Benbrook					07552
				027	6	Burleson, part					11428
				033	6	Colleyville					15988
				053	5	Euless					24768
				055	6	Flower Mound, part					26232
				056	6	Forest Hill					26544
				057	2	Fort Worth, part					27000
				066	4	Grand Prairie, part					30464
				067	5	Grapevine, part					30644
				070	5	Haltom City					31928
				078	5	Hurst					35576
				081	6	Keller					38632
				101	6	Mansfield, part					46452
				113	5	North Richland Hills					52356
				165	6	Watauga					76672
				170	6	White Settlement					78544
				999	9	Balance of county					99999
	221	001	1			Taylor		441	3	0040	
				001	3	Abilene, part					01000
				999	9	Balance of county					99999
	222	000	2	999	9	Terrell		443	6	0000	
	223	000	2	999	9	Terry		445	6	0000	
	224	000	2	999	9	Throckmorton		447	6	0000	
	225	000	2			Titus		449	6	0000	
				109	6	Mount Pleasant					49800
				999	9	Balance of county					99999
	226	247	1			Tom Green		451	4	7200	
				136	4	San Angelo					64472
				999	9	Balance of county					99999
	227	019	1			Travis		453	1	0640	
				010	2	Austin, part					05000
				134	5	Round Rock, part					63500
				999	9	Balance of county					99999
	228	000	2	999	9	Trinity		455	6	0000	
	229	000	2	999	9	Tyler		457	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
44						Texas	48				
	230	167	1	999	9	Upshur		459	5	4420	
	231	000	2	999	9	Upton		461	6	0000	
	232	000	2			Uvalde		463	6	0000	
				160	6	Uvalde					74588
				999	9	Balance of county					99999
	233	000	2			Val Verde		465	5	0000	
				041	5	Del Rio					19792
				999	9	Balance of county					99999
	234	000	2	999	9	Van Zandt		467	5	0000	
	235	292	1			Victoria		469	4	8750	
				162	4	Victoria					75428
				999	9	Balance of county					99999
	236	000	2			Walker		471	4	0000	
				077	5	Huntsville					35528
				999	9	Balance of county					99999
	237	127	1	999	9	Waller		473	6	3360	
	238	000	2	999	9	Ward		475	6	0000	
	239	000	2			Washington		477	5	0000	
				022	6	Brenham					10156
				999	9	Balance of county					99999
	240	157	1			Webb		479	3	4080	
				091	3	Laredo					41464
				999	9	Balance of county					99999
	241	000	2			Wharton		481	5	0000	
				050	6	El Campo					22864
				999	9	Balance of county					99999
	242	000	2	999	9	Wheeler		483	6	0000	
	243	302	1			Wichita		485	3	9080	
				026	6	Burkburnett					11368
				171	4	Wichita Falls, part					79000
				999	9	Balance of county					99999
	244	000	2			Wilbarger		487	6	0000	
				161	6	Vernon					75308
				999	9	Balance of county					99999
	245	000	2	999	9	Willacy		489	6	0000	
	246	019	1			Williamson		491	3	0640	
				010	2	Austin, part					05000
				065	6	Georgetown					29336
				134	5	Round Rock, part					63500
				151	6	Taylor					71948
				999	9	Balance of county					99999
	247	248	1	999	9	Wilson		493	6	7240	
	248	000	2	999	9	Winkler		495	6	0000	
	249	000	2	999	9	Wise		497	5	0000	
	250	000	2	999	9	Wood		499	5	0000	
	251	000	2	999	9	Yoakum		501	6	0000	
	252	000	2	999	9	Young		503	6	0000	
	253	000	2	999	9	Zapata		505	6	0000	
	254	000	2	999	9	Zavala		507	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
45						Utah	49				
	001	000	2	999	9	Beaver		001	6	0000	
	002	000	2			Box Elder		003	5	0000	
				003	6	Brigham City					08460
				999	9	Balance of county					99999
	003	000	2			Cache		005	4	0000	
				009	5	Logan					45860
				999	9	Balance of county					99999
	004	000	2	999	9	Carbon		007	6	0000	
	005	000	2	999	9	Daggett		009	6	0000	
	006	246	1			Davis		011	3	7160	
				002	5	Bountiful					07690
				005	6	Centerville					11980
				006	6	Clearfield					13850
				007	6	Kaysville					40360
				008	5	Layton					43660
				999	9	Balance of county					99999
	007	000	2	999	9	Duchesne		013	6	0000	
	008	000	2	999	9	Emery		015	6	0000	
	009	000	2	999	9	Garfield		017	6	0000	
	010	000	2	999	9	Grand		019	6	0000	
	011	000	2			Iron		021	6	0000	
				004	6	Cedar City					11320
				999	9	Balance of county					99999
	012	000	2	999	9	Juab		023	6	0000	
	013	000	2	999	9	Kane		025	6	0000	
	014	000	2	999	9	Millard		027	6	0000	
	015	000	2	999	9	Morgan		029	6	0000	
	016	000	2	999	9	Piute		031	6	0000	
	017	000	2	999	9	Rich		033	6	0000	
	018	246	1			Salt Lake		035	1	7160	
				010	6	Midvale					49710
				011	5	Murray					53230
				017	6	Riverton					64340
				020	3	Salt Lake City					67000
				021	4	Sandy					67550
				022	6	South Jordan					70850
				024	6	South Salt Lake					71070
				028	5	West Jordan					82950
				029	4	West Valley City					83445
				999	9	Balance of county					99999
	019	000	2	999	9	San Juan		037	6	0000	
	020	000	2	999	9	Sanpete		039	6	0000	
	021	000	2	999	9	Sevier		041	6	0000	
	022	000	2	999	9	Summit		043	6	0000	
	023	000	2			Tooele		045	5	0000	
				027	6	Tooele					76680
				999	9	Balance of county					99999
	024	000	2	999	9	Uintah		047	6	0000	
	025	222	1			Utah		049	2	6520	
				001	6	American Fork					01310
				014	4	Orem					57300
				015	6	Pleasant Grove					60930
				016	4	Provo					62470
				025	6	Spanish Fork					71290
				026	6	Springville					72280
				999	9	Balance of county					99999
	026	000	2	999	9	Wasatch		051	6	0000	
	027	000	2			Washington		053	5	0000	
				019	5	St. George					65330
				999	9	Balance of county					99999
	028	000	2	999	9	Wayne		055	6	0000	
	029	246	1			Weber		057	3	7160	
				012	6	North Ogden					55100
				013	4	Ogden					55980
				018	6	Roy					65110
				023	6	South Ogden					70960
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
46						Vermont	50				
	001	000	2	999	9	Addison		001	5	0000	
	002	000	2	999	9	Bennington		003	5	0000	
	003	000	2	999	9	Caledonia		005	5	0000	
	004	044	1			Chittenden		007	3	1303	
				001	5	Burlington					10675
				003	6	South Burlington					66175
				999	9	Balance of county					99999
	005	000	2	999	9	Essex		009	6	0000	
	006	044	1	999	9	Franklin		011	5	1303	
	007	044	1	999	9	Grand Isle		013	6	1303	
	008	000	2	999	9	Lamoille		015	6	0000	
	009	000	2	999	9	Orange		017	5	0000	
	010	000	2	999	9	Orleans		019	6	0000	
	011	000	2			Rutland		021	4	0000	
				002	6	Rutland					61225
				999	9	Balance of county					99999
	012	000	2	999	9	Washington		023	4	0000	
	013	000	2	999	9	Windham		025	5	0000	
	014	000	2	999	9	Windsor		027	4	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
47						Virginia	51				
	001	000	2	999	9	Accomack		001	5	0000	
	002	052	1	999	9	Albemarle		003	4	1540	
	003	296	1	001	3	Alexandria city		510	3	8840	01000
	004	000	2	999	9	Alleghany		005	6	0000	
	005	000	2	999	9	Amelia		007	6	0000	
	006	171	1	999	9	Amherst		009	5	4640	
	007	000	2	999	9	Appomattox		011	6	0000	
	008	296	1	002	3	Arlington		013	3	8840	03000
	009	000	2	999	9	Augusta		015	4	0000	
	010	000	2	999	9	Bath		017	6	0000	
	011	171	1	999	9	Bedford		019	5	4640	
	012	171	1	999	9	Bedford city		515	6	4640	99999
	013	000	2	999	9	Bland		021	6	0000	
	014	234	1	999	9	Botetourt		023	6	6800	
	015	140	1	004	6	Bristol city		520	6	3660	09816
	016	000	2	999	9	Brunswick		025	6	0000	
	017	000	2	999	9	Buchanan		027	5	0000	
	018	000	2	999	9	Buckingham		029	6	0000	
	019	000	2	999	9	Buena Vista city		530	6	0000	99999
	020	171	1	999	9	Campbell		031	5	4640	
	021	000	2	999	9	Caroline		033	6	0000	
	022	000	2	999	9	Carroll		035	5	0000	
	023	232	1	999	9	Charles City		036	6	6760	
	024	000	2	999	9	Charlotte		037	6	0000	
	025	052	1	005	5	Charlottesville city		540	5	1540	14968
	026	200	1	006	3	Chesapeake city		550	3	5720	16000
	027	232	1	999	9	Chesterfield		041	3	6760	
	028	296	1	999	9	Clarke		043	6	8840	
	029	000	2	999	9	Clifton Forge city		560	6	0000	99999
	030	232	1	008	6	Colonial Heights city		570	6	6760	18448
	031	000	2	999	9	Covington city		580	6	0000	99999
	032	000	2	999	9	Craig		045	6	0000	
	033	296	1	999	9	Culpeper		047	5	8840	
	034	000	2	999	9	Cumberland		049	6	0000	
	035	068	1	009	4	Danville city		590	4	1950	21344
	036	000	2	999	9	Dickenson		051	6	0000	
	037	232	1	999	9	Dinwiddie		053	6	6760	
	038	000	2	999	9	Emporia city		595	6	0000	99999
	039	000	2	999	9	Essex		057	6	0000	
	040	296	1			Fairfax		059	1	8840	
				015	6	Herndon					36648
				032	6	Vienna					81072
				999	9	Balance of county					99999
	041	296	1	010	6	Fairfax city		600	6	8840	26496
	042	296	1	999	9	Falls Church city		610	6	8840	99999
	043	296	1	999	9	Fauquier		061	5	8840	
	044	000	2	999	9	Floyd		063	6	0000	
	045	052	1	999	9	Fluvanna		065	6	1540	
	046	000	2	999	9	Franklin		067	5	0000	
	047	000	2	999	9	Franklin city		620	6	0000	99999
	048	000	2	999	9	Frederick		069	5	0000	
	049	296	1	011	6	Fredericksburg city		630	6	8840	29744
	050	000	2	999	9	Galax city		640	6	0000	99999
	051	000	2	999	9	Giles		071	6	0000	
	052	200	1	999	9	Gloucester		073	5	5720	
	053	232	1	999	9	Goochland		075	6	6760	
	054	000	2	999	9	Grayson		077	6	0000	
	055	052	1	999	9	Greene		079	6	1540	
	056	000	2	999	9	Greensville		081	6	0000	
	057	000	2	999	9	Halifax		083	5	0000	
	058	200	1	013	3	Hampton city		650	3	5720	35000
	059	232	1	999	9	Hanover		085	4	6760	
	060	000	2	014	5	Harrisonburg city		660	5	0000	35624
	061	232	1	999	9	Henrico		087	3	6760	
	062	000	2	999	9	Henry		089	4	0000	
	063	000	2	999	9	Highland		091	6	0000	
	064	232	1	016	6	Hopewell city		670	6	6760	38424
	065	200	1	999	9	Isle of Wight		093	5	5720	
	066	200	1	999	9	James City		095	5	5720	
	067	000	2	999	9	King and Queen		097	6	0000	
	068	296	1	999	9	King George		099	6	8840	
	069	000	2	999	9	King William		101	6	0000	
	070	000	2	999	9	Lancaster		103	6	0000	
	071	000	2	999	9	Lee		105	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
47						Virginia	51				
	072	000	2	999	9	Lexington city		678	6	0000	99999
	073	296	1			Loudoun		107	4	8840	
				017	6	Leesburg					44984
				999	9	Balance of county					99999
	074	000	2	999	9	Louisa		109	6	0000	
	075	000	2	999	9	Lunenburg		111	6	0000	
	076	171	1	018	4	Lynchburg city		680	4	4640	47672
	077	000	2	999	9	Madison		113	6	0000	
	078	296	1	019	5	Manassas city		683	5	8840	48952
	079	296	1	999	9	Manassas Park city		685	6	8840	99999
	080	000	2	020	6	Martinsville city		690	6	0000	49784
	081	200	1	999	9	Mathews		115	6	5720	
	082	000	2	999	9	Mecklenburg		117	5	0000	
	083	000	2	999	9	Middlesex		119	6	0000	
	084	000	2			Montgomery		121	4	0000	
				003	5	Blacksburg					07784
				007	6	Christiansburg					16608
				999	9	Balance of county					99999
	085	000	2	999	9	Nelson		125	6	0000	
	086	232	1	999	9	New Kent		127	6	6760	
	087	200	1	021	3	Newport News city		700	3	5720	56000
	088	200	1	022	2	Norfolk city		710	2	5720	57000
	089	000	2	999	9	Northampton		131	6	0000	
	090	000	2	999	9	Northumberland		133	6	0000	
	091	000	2	999	9	Norton city		720	6	0000	99999
	092	000	2	999	9	Nottoway		135	6	0000	
	093	000	2	999	9	Orange		137	6	0000	
	094	000	2	999	9	Page		139	6	0000	
	095	000	2	999	9	Patrick		141	6	0000	
	096	232	1	023	5	Petersburg city		730	5	6760	61832
	097	068	1	999	9	Pittsylvania		143	4	1950	
	098	200	1	024	6	Poquoson city		735	6	5720	63768
	099	200	1	025	3	Portsmouth city		740	3	5720	64000
	100	232	1	999	9	Powhatan		145	6	6760	
	101	000	2	999	9	Prince Edward		147	6	0000	
	102	232	1	999	9	Prince George		149	5	6760	
	103	296	1	999	9	Prince William		153	3	8840	
	104	000	2	999	9	Pulaski		155	5	0000	
	105	000	2	026	6	Radford city		750	6	0000	65392
	106	000	2	999	9	Rappahannock		157	6	0000	
	107	000	2	999	9	Richmond		159	6	0000	
	108	232	1	027	3	Richmond city		760	3	6760	67000
	109	234	1	999	9	Roanoke		161	4	6800	
	110	234	1	028	4	Roanoke city		770	4	6800	68000
	111	000	2	999	9	Rockbridge		163	6	0000	
	112	000	2	999	9	Rockingham		165	4	0000	
	113	000	2	999	9	Russell		167	5	0000	
	114	234	1	029	6	Salem city		775	6	6800	70000
	115	140	1	999	9	Scott		169	6	3660	
	116	000	2	999	9	Shenandoah		171	5	0000	
	117	000	2	999	9	Smyth		173	5	0000	
	118	000	2	999	9	Southampton		175	6	0000	
	119	000	2	999	9	South Boston city		780	6	0000	99999
	120	296	1	999	9	Spotsylvania		177	4	8840	
	121	296	1	999	9	Stafford		179	4	8840	
	122	000	2	030	6	Staunton city		790	6	0000	75216
	123	200	1	031	4	Suffolk city		800	4	5720	76432
	124	000	2	999	9	Surry		181	6	0000	
	125	000	2	999	9	Sussex		183	6	0000	
	126	000	2	999	9	Tazewell		185	5	0000	
	127	200	1	033	2	Virginia Beach city		810	2	5720	82000
	128	296	1			Warren		187	5	8840	
				012	6	Front Royal					29968
				999	9	Balance of county					99999
	129	140	1	999	9	Washington		191	5	3660	
	130	000	2	034	6	Waynesboro city		820	6	0000	83680
	131	000	2	999	9	Westmoreland		193	6	0000	
	132	200	1	035	6	Williamsburg city		830	6	5720	86160
	133	000	2	036	6	Winchester city		840	6	0000	86720
	134	000	2	999	9	Wise		195	5	0000	
	135	000	2	999	9	Wythe		197	5	0000	
	136	200	1	999	9	York		199	5	5720	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
48						Washington	53				
	001	000	2	999	9	Adams		001	6	0000	
	002	000	2	999	9	Asotin		003	6	0000	
	003	231	1			Benton		005	3	6740	
				014	5	Kennewick					35275
				033	5	Richland					58235
				999	9	Balance of county					99999
	004	000	2			Chelan		007	4	0000	
				041	6	Wenatchee					77105
				999	9	Balance of county					99999
	005	000	2			Clallam		009	4	0000	
				028	6	Port Angeles					55365
				999	9	Balance of county					99999
	006	220	1			Clark		011	3	6440	
				039	5	Vancouver					74060
				999	9	Balance of county					99999
	007	000	2	999	9	Columbia		013	6	0000	
	008	000	2			Cowlitz		015	4	0000	
				013	6	Kelso					35065
				018	5	Longview					40245
				999	9	Balance of county					99999
	009	000	2	999	9	Douglas		017	5	0000	
	010	000	2	999	9	Ferry		019	6	0000	
	011	231	1			Franklin		021	5	6740	
				027	6	Pasco					53545
				999	9	Balance of county					99999
	012	000	2	999	9	Garfield		023	6	0000	
	013	000	2			Grant		025	4	0000	
				022	6	Moses Lake					47245
				999	9	Balance of county					99999
	014	000	2			Grays Harbor		027	4	0000	
				001	6	Aberdeen					00100
				999	9	Balance of county					99999
	015	260	1			Island		029	4	7600	
				025	6	Oak Harbor					50360
				999	9	Balance of county					99999
	016	000	2	999	9	Jefferson		031	6	0000	
	017	260	1			King		033	0	7600	
				003	5	Auburn					03180
				004	4	Bellevue					05210
				006	6	Bothell, part					07380
				009	6	Des Moines					17635
				015	5	Kent					35415
				016	5	Kirkland					35940
				021	6	Mercer Island					45005
				031	5	Redmond					57535
				032	5	Renton					57745
				034	1	Seattle					63000
				038	6	Tukwila					72625
				999	9	Balance of county					99999
	018	040	1			Kitsap		035	3	1150	
				007	5	Bremerton					07695
				999	9	Balance of county					99999
	019	000	2			Kittitas		037	5	0000	
				011	6	Ellensburg					21240
				999	9	Balance of county					99999
	020	000	2	999	9	Klickitat		039	6	0000	
	021	000	2			Lewis		041	4	0000	
				008	6	Centralia					11160
				999	9	Balance of county					99999
	022	000	2	999	9	Lincoln		043	6	0000	
	023	000	2	999	9	Mason		045	5	0000	
	024	000	2	999	9	Okanogan		047	5	0000	
	025	000	2	999	9	Pacific		049	6	0000	
	026	000	2	999	9	Pend Oreille		051	6	0000	
	027	277	1			Pierce		053	1	8200	
				030	6	Puyallup					56695
				037	3	Tacoma					70000
				999	9	Balance of county					99999
	028	000	2	999	9	San Juan		055	6	0000	
	029	000	2			Skagit		057	4	0000	
				002	6	Anacortes					01990
				024	6	Mount Vernon					47560
				999	9	Balance of county					99999
	030	000	2	999	9	Skamania		059	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
48						Washington	53				
	031	260	1			Snohomish		061	2	7600	
				006	6	Bothell, part					07380
				010	5	Edmonds					20750
				012	4	Everett					22640
				019	5	Lynnwood					40840
				020	6	Marysville					43955
				023	6	Mountlake Terrace					47490
				999	9	Balance of county					99999
	032	268	1			Spokane		063	2	7840	
				035	3	Spokane					67000
				999	9	Balance of county					99999
	033	000	2	999	9	Stevens		065	5	0000	
	034	205	1			Thurston		067	3	5910	
				017	6	Lacey					36745
				026	5	Olympia					51300
				999	9	Balance of county					99999
	035	000	2	999	9	Wahkiakum		069	6	0000	
	036	000	2			Walla Walla		071	5	0000	
				040	5	Walla Walla					75775
				999	9	Balance of county					99999
	037	026	1			Whatcom		073	3	0860	
				005	4	Bellingham					05280
				999	9	Balance of county					99999
	038	000	2			Whitman		075	5	0000	
				029	6	Pullman					56625
				999	9	Balance of county					99999
	039	306	1			Yakima		077	3	9260	
				036	6	Sunnyside					68750
				042	4	Yakima					80010
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
49						West Virginia	54				
	001	000	2	999	9	Barbour		001	6	0000	
	002	296	1			Berkeley		003	4	8840	
				007	6	Martinsburg					52060
				999	9	Balance of county					99999
	003	000	2	999	9	Boone		005	5	0000	
	004	000	2	999	9	Braxton		007	6	0000	
	005	273	1			Brooke		009	5	8080	
				014	6	Weirton, part					85156
				999	9	Balance of county					99999
	006	128	1			Cabell		011	4	3400	
				006	4	Huntington, part					39460
				999	9	Balance of county					99999
	007	000	2	999	9	Calhoun		013	6	0000	
	008	000	2	999	9	Clay		015	6	0000	
	009	000	2	999	9	Doddridge		017	6	0000	
	010	000	2	999	9	Fayette		019	5	0000	
	011	000	2	999	9	Gilmer		021	6	0000	
	012	000	2	999	9	Grant		023	6	0000	
	013	000	2	999	9	Greenbrier		025	5	0000	
	014	000	2	999	9	Hampshire		027	6	0000	
	015	273	1			Hancock		029	5	8080	
				014	6	Weirton, part					85156
				999	9	Balance of county					99999
	016	000	2	999	9	Hardy		031	6	0000	
	017	000	2			Harrison		033	4	0000	
				004	6	Clarksburg					15628
				999	9	Balance of county					99999
	018	000	2	999	9	Jackson		035	5	0000	
	019	296	1	999	9	Jefferson		037	5	8840	
	020	050	1			Kanawha		039	3	1480	
				003	4	Charleston					14600
				011	6	St. Albans					71212
				012	6	South Charleston					75292
				999	9	Balance of county					99999
	021	000	2	999	9	Lewis		041	6	0000	
	022	000	2	999	9	Lincoln		043	6	0000	
	023	000	2	999	9	Logan		045	5	0000	
	024	000	2	999	9	McDowell		047	5	0000	
	025	000	2			Marion		049	4	0000	
				005	6	Fairmont					26452
				999	9	Balance of county					99999
	026	300	1			Marshall		051	5	9000	
				009	6	Moundsville					56020
				015	5	Wheeling, part					86452
				999	9	Balance of county					99999
	027	000	2	999	9	Mason		053	5	0000	
	028	000	2			Mercer		055	4	0000	
				002	6	Bluefield					08524
				999	9	Balance of county					99999
	029	066	1	999	9	Mineral		057	5	1900	
	030	000	2	999	9	Mingo		059	5	0000	
	031	000	2			Monongalia		061	4	0000	
				008	5	Morgantown					55756
				999	9	Balance of county					99999
	032	000	2	999	9	Monroe		063	6	0000	
	033	000	2	999	9	Morgan		065	6	0000	
	034	000	2	999	9	Nicholas		067	5	0000	
	035	300	1			Ohio		069	4	9000	
				015	5	Wheeling, part					86452
				999	9	Balance of county					99999
	036	000	2	999	9	Pendleton		071	6	0000	
	037	000	2	999	9	Pleasants		073	6	0000	
	038	000	2	999	9	Pocahontas		075	6	0000	
	039	000	2	999	9	Preston		077	5	0000	
	040	050	1	999	9	Putnam		079	5	1480	
	041	000	2			Raleigh		081	4	0000	
				001	6	Beckley					05332
				999	9	Balance of county					99999
	042	000	2	999	9	Randolph		083	5	0000	
	043	000	2	999	9	Ritchie		085	6	0000	
	044	000	2	999	9	Roane		087	6	0000	
	045	000	2	999	9	Summers		089	6	0000	
	046	000	2	999	9	Taylor		091	6	0000	
	047	000	2	999	9	Tucker		093	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
49						West Virginia	54				
	048	000	2	999	9	Tyler		095	6	0000	
	049	000	2	999	9	Upshur		097	6	0000	
	050	128	1			Wayne		099	5	3400	
				006	4	Huntington, part					39460
				999	9	Balance of county					99999
	051	000	2	999	9	Webster		101	6	0000	
	052	000	2	999	9	Wetzel		103	6	0000	
	053	000	2	999	9	Wirt		105	6	0000	
	054	211	1			Wood		107	4	6020	
				010	5	Parkersburg					62140
				013	6	Vienna					83500
				999	9	Balance of county					99999
	055	000	2	999	9	Wyoming		109	5	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
50						Wisconsin	55				
	001	000	2	999	9	Adams		001	6	0000	
	002	000	2	999	9	Ashland		003	6	0000	
	003	000	2	999	9	Barron		005	5	0000	
	004	000	2	999	9	Bayfield		007	6	0000	
	005	115	1			Brown		009	3	3080	
				001	6	Allouez village					01175
				003	6	Ashwaubenon village					03425
				011	6	De Pere					19775
				019	4	Green Bay					31000
				999	9	Balance of county					99999
	006	000	2	999	9	Buffalo		011	6	0000	
	007	000	2	999	9	Burnett		013	6	0000	
	008	013	1			Calumet		015	5	0460	
				002	4	Appleton, part					02375
				030	6	Menasha, part					50825
				999	9	Balance of county					99999
	009	082	1			Chippewa		017	4	2290	
				009	6	Chippewa Falls					14575
				012	4	Eau Claire, part					22300
				999	9	Balance of county					99999
	010	000	2	999	9	Clark		019	5	0000	
	011	000	2	999	9	Columbia		021	5	0000	
	012	000	2	999	9	Crawford		023	6	0000	
	013	173	1			Dane		025	2	4720	
				013	6	Fitchburg					25950
				026	3	Madison					48000
				034	6	Middleton					51575
				051	6	Sun Prairie					78600
				999	9	Balance of county					99999
	014	000	2			Dodge		027	4	0000	
				004	6	Beaver Dam					05900
				054	6	Watertown, part					83975
				999	9	Balance of county					99999
	015	000	2	999	9	Door		029	5	0000	
	016	080	1			Douglas		031	5	2240	
				052	5	Superior					78700
				999	9	Balance of county					99999
	017	000	2			Dunn		033	5	0000	
				032	6	Menomonie					51025
				999	9	Balance of county					99999
	018	082	1			Eau Claire		035	4	2290	
				012	4	Eau Claire, part					22300
				999	9	Balance of county					99999
	019	000	2	999	9	Florence		037	6	0000	
	020	000	2			Fond du Lac		039	4	0000	
				014	5	Fond du Lac					26275
				999	9	Balance of county					99999
	021	000	2	999	9	Forest		041	6	0000	
	022	000	2	999	9	Grant		043	5	0000	
	023	000	2			Green		045	5	0000	
				036	6	Monroe					53750
				999	9	Balance of county					99999
	024	000	2	999	9	Green Lake		047	6	0000	
	025	000	2	999	9	Iowa		049	6	0000	
	026	000	2	999	9	Iron		051	6	0000	
	027	000	2	999	9	Jackson		053	6	0000	
	028	000	2			Jefferson		055	4	0000	
				015	6	Fort Atkinson					26675
				054	6	Watertown, part					83975
				061	6	Whitewater, part					86925
				999	9	Balance of county					99999
	029	000	2	999	9	Juneau		057	6	0000	
	030	146	1			Kenosha		059	3	3800	
				024	4	Kenosha					39225
				044	6	Pleasant Prairie village					63300
				999	9	Balance of county					99999
	031	000	2	999	9	Kewaunee		061	6	0000	
	032	150	1			La Crosse		063	4	3870	
				025	4	La Crosse					40775
				042	6	Onalaska					59925
				999	9	Balance of county					99999
	033	000	2	999	9	Lafayette		065	6	0000	
	034	000	2	999	9	Langlade		067	6	0000	
	035	000	2	999	9	Lincoln		069	5	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
50						Wisconsin	55				
	036	000	2			Manitowoc		071	4	0000	
				027	5	Manitowoc					48500
				053	6	Two Rivers					81325
				999	9	Balance of county					99999
	037	298	1			Marathon		073	3	8940	
				029	6	Marshfield, part					49675
				056	5	Wausau					84475
				999	9	Balance of county					99999
	038	000	2			Marinette		075	5	0000	
				028	6	Marinette					49300
				999	9	Balance of county					99999
	039	000	2	999	9	Marquette		077	6	0000	
	040	000	2	999	9	Menominee		078	6	0000	
	041	182	1			Milwaukee		079	1	5080	
				007	6	Brown Deer village					10375
				010	6	Cudahy					17975
				016	6	Franklin					27300
				018	6	Glendale					29400
				020	6	Greendale village					31125
				021	5	Greenfield					31175
				035	1	Milwaukee, part					53000
				040	6	Oak Creek					58800
				048	6	Shorewood village					73725
				049	6	South Milwaukee					75125
				057	5	Wauwatosa					84675
				058	4	West Allis					85300
				060	6	Whitefish Bay village					86700
				999	9	Balance of county					99999
	042	000	2	999	9	Monroe		081	5	0000	
	043	000	2	999	9	Oconto		083	5	0000	
	044	000	2	999	9	Oneida		085	5	0000	
	045	013	1			Outagamie		087	3	0460	
				002	4	Appleton, part					02375
				023	6	Kaukauna					38800
				999	9	Balance of county					99999
	046	182	1			Ozaukee		089	4	5080	
				008	6	Cedarburg					13375
				033	6	Mequon					51150
				999	9	Balance of county					99999
	047	000	2	999	9	Pepin		091	6	0000	
	048	183	1			Pierce		093	5	5120	
				046	6	River Falls, part					68275
				999	9	Balance of county					99999
	049	000	2	999	9	Polk		095	5	0000	
	050	000	2			Portage		097	4	0000	
				050	6	Stevens Point					77200
				999	9	Balance of county					99999
	051	000	2	999	9	Price		099	6	0000	
	052	225	1			Racine		101	3	6600	
				045	4	Racine					66000
				999	9	Balance of county					99999
	053	000	2	999	9	Richland		103	6	0000	
	054	138	1			Rock		105	3	3620	
				005	5	Beloit					06500
				022	4	Janesville					37825
				999	9	Balance of county					99999
	055	000	2	999	9	Rusk		107	6	0000	
	056	183	1			St. Croix		109	4	5120	
				046	6	River Falls, part					68275
				999	9	Balance of county					99999
	057	000	2	999	9	Sauk		111	5	0000	
	058	000	2	999	9	Sawyer		113	6	0000	
	059	000	2	999	9	Shawano		115	5	0000	
	060	262	1			Sheboygan		117	3	7620	
				047	5	Sheboygan					72975
				999	9	Balance of county					99999
	061	000	2	999	9	Taylor		119	6	0000	
	062	000	2	999	9	Trempealeau		121	5	0000	
	063	000	2	999	9	Vernon		123	5	0000	
	064	000	2	999	9	Vilas		125	6	0000	
	065	000	2			Walworth		127	4	0000	
				061	6	Whitewater, part					86925
				999	9	Balance of county					99999
	066	000	2	999	9	Washburn		129	6	0000	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
50						Wisconsin	55				
	067	182	1			Washington		131	4	5080	
				017	6	Germantown village					28875
				035	1	Milwaukee, part					53000
				059	6	West Bend					85350
				999	9	Balance of county					99999
	068	182	1			Waukesha		133	2	5080	
				006	5	Brookfield					10025
				031	5	Menomonee Falls village					51000
				035	1	Milwaukee, part					53000
				037	6	Muskego					55275
				039	5	New Berlin					56375
				041	6	Oconomowoc					59250
				055	4	Waukesha					84250
				999	9	Balance of county					99999
	069	000	2	999	9	Waupaca		135	5	0000	
	070	000	2	999	9	Waushara		137	6	0000	
	071	013	1			Winnebago		139	3	0460	
				002	4	Appleton, part					02375
				030	6	Menasha, part					50825
				038	6	Neenah					55750
				043	4	Oshkosh					60500
				999	9	Balance of county					99999
	072	000	2			Wood		141	4	0000	
				029	6	Marshfield, part					49675
				062	6	Wisconsin Rapids					88200
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
51						Wyoming	56				
	001	000	2			Albany		001	5	0000	
				006	5	Laramie					45050
				999	9	Balance of county					99999
	002	000	2	999	9	Big Horn		003	6	0000	
	003	000	2			Campbell		005	5	0000	
				004	6	Gillette					31855
				999	9	Balance of county					99999
	004	000	2	999	9	Carbon		007	6	0000	
	005	000	2	999	9	Converse		009	6	0000	
	006	000	2	999	9	Crook		011	6	0000	
	007	000	2	999	9	Fremont		013	5	0000	
	008	000	2	999	9	Goshen		015	6	0000	
	009	000	2	999	9	Hot Springs		017	6	0000	
	010	000	2	999	9	Johnson		019	6	0000	
	011	054	1			Laramie		021	4	1580	
				002	4	Cheyenne					13900
				999	9	Balance of county					99999
	012	000	2	999	9	Lincoln		023	6	0000	
	013	046	1			Natrona		025	4	1350	
				001	5	Casper					13150
				999	9	Balance of county					99999
	014	000	2	999	9	Niobrara		027	6	0000	
	015	000	2	999	9	Park		029	6	0000	
	016	000	2	999	9	Platte		031	6	0000	
	017	000	2			Sheridan		033	6	0000	
				008	6	Sheridan					69845
				999	9	Balance of county					99999
	018	000	2	999	9	Sublette		035	6	0000	
	019	000	2			Sweetwater		037	5	0000	
				005	6	Green River					33740
				007	6	Rock Springs					67235
				999	9	Balance of county					99999
	020	000	2	999	9	Teton		039	6	0000	
	021	000	2			Uinta		041	6	0000	
				003	6	Evanston					25620
				999	9	Balance of county					99999
	022	000	2	999	9	Washakie		043	6	0000	
	023	000	2	999	9	Weston		045	6	0000	

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

Vital Statistics Geographic Code Outline for Puerto Rico, Virgin Islands and Guam

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 Puerto Rico, the Virgin Islands, or Guam. When an event occurs to a nonresident of these areas, residence data are coded only to the "State" level; each U.S. state, 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. Codes are effective with the 1994 data year and are based on results of the 1990 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:

Puerto Rico:

State (St): Puerto Rico has its own unique code. In addition, several unique codes are used to identify nonresidents of Puerto Rico.

County (Cnty): Each municipio (county equivalent) is numbered alphabetically.

P/MSA: Primary metropolitan statistical areas and metropolitan statistical areas are those established by the U.S. Office of Management and Budget (OMB) using 1990 Census population counts.

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

City or Place: No city/places in Puerto Rico are identified.

Name: Puerto Rico and each municipo are listed along with their respective codes. In addition, places used to identify nonresidents of Puerto Rico are also listed along with their codes.

FIPS: For an explanation of FIPS codes, reference should be made to various National Institute of Standards and Technology (NIST) publications.

Virgin Islands:

State (St): The Virgin Islands has its own unique code. In addition, several unique codes are used to identify nonresidents of the Virgin Islands.

County (Cnty): Several Islands (county equivalent) are numbered alphabetically.

P/MSA: None are identified in the Virgin Islands.

M/NM: No metropolitan areas are identified for the Virgin Islands.

City or Place: City/places are numbered alphabetically within each State and identify each city with a population of 10,000 or more in 1990.

P/S: Population size code for city of residence based on the 1990 Census. Refer to the code outline given earlier in this document for specific codes and meanings.

Name: The Virgin Islands as a whole and several islands are listed along with their respective codes. In addition, places used to identify nonresidents of the Virgin Islands are also listed along with their codes.

Guam:

State (St): Guam has its own unique code. In addition, several unique codes are used to identify nonresidents of Guam.

County (Cnty): None are identified in Guam

P/MSA: None are identified in Guam.

M/NM: No metropolitan areas are identified for Guam.

City or Place: None are identified in Guam.

P/S: No population size groups are identified for Guam.

Name: Guam as a whole is listed along with its respective code. In addition, places used to identify nonresidents of Guam are also listed along with their codes.

Vital Statistics Geographic Code Outline For Puerto Rico, Virgin Islands and Guam Effective With 1994 Data

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	Area Names	St	Cnty	P/MSA	Place
01	000	999	9	000	Alabama	01	000	0000	00000
02	000	999	9	000	Alaska	02	000	0000	00000
03	000	999	9	000	Arizona	04	000	0000	00000
04	000	999	9	000	Arkansas	05	000	0000	00000
05	000	999	9	000	California	06	000	0000	00000
06	000	999	9	000	Colorado	08	000	0000	00000
07	000	999	9	000	Connecticut	09	000	0000	00000
08	000	999	9	000	Delaware	10	000	0000	00000
09	000	999	9	000	District of Columbia	11	000	0000	00000
10	000	999	9	000	Florida	12	000	0000	00000
11	000	999	9	000	Georgia	13	000	0000	00000
12	000	999	9	000	Hawaii	15	000	0000	00000
13	000	999	9	000	Idaho	16	000	0000	00000
14	000	999	9	000	Illinois	17	000	0000	00000
15	000	999	9	000	Indiana	18	000	0000	00000
16	000	999	9	000	Iowa	19	000	0000	00000
17	000	999	9	000	Kansas	20	000	0000	00000
18	000	999	9	000	Kentucky	21	000	0000	00000
19	000	999	9	000	Louisiana	22	000	0000	00000
20	000	999	9	000	Maine	23	000	0000	00000
21	000	999	9	000	Maryland	24	000	0000	00000
22	000	999	9	000	Massachusetts	25	000	0000	00000
23	000	999	9	000	Michigan	26	000	0000	00000
24	000	999	9	000	Minnesota	27	000	0000	00000
25	000	999	9	000	Mississippi	28	000	0000	00000
26	000	999	9	000	Missouri	29	000	0000	00000
27	000	999	9	000	Montana	30	000	0000	00000
28	000	999	9	000	Nebraska	31	000	0000	00000
29	000	999	9	000	Nevada	32	000	0000	00000
30	000	999	9	000	New Hampshire	33	000	0000	00000
31	000	999	9	000	New Jersey	34	000	0000	00000
32	000	999	9	000	New Mexico	35	000	0000	00000
33	000	999	9	000	New York	36	000	0000	00000
34	000	999	9	000	North Carolina	37	000	0000	00000
35	000	999	9	000	North Dakota	38	000	0000	00000
36	000	999	9	000	Ohio	39	000	0000	00000
37	000	999	9	000	Oklahoma	40	000	0000	00000
38	000	999	9	000	Oregon	41	000	0000	00000

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	Area Names	St	Cnty	P/MSA	Place
39	000	999	9	000	Pennsylvania	42	000	0000	00000
40	000	999	9	000	Rhode Island	44	000	0000	00000
41	000	999	9	000	South Carolina	45	000	0000	00000
42	000	999	9	000	South Dakota	46	000	0000	00000
43	000	999	9	000	Tennessee	47	000	0000	00000
44	000	999	9	000	Texas	48	000	0000	00000
45	000	999	9	000	Utah	49	000	0000	00000
46	000	999	9	000	Vermont	50	000	0000	00000
47	000	999	9	000	Virginia	51	000	0000	00000
48	000	999	9	000	Washington	53	000	0000	00000
49	000	999	9	000	West Virginia	54	000	0000	00000
50	000	999	9	000	Wisconsin	55	000	0000	00000
51	000	999	9	000	Wyoming	56	000	0000	00000

Vital Statistics Codes					FIPS Codes		
St	Cnty	P/MSA	M/NM	City	Area Names	St	Cnty	P/MSA	Place
52					Puerto Rico	72			
	001	000	2	999	Adjuntas		001	0000	
	002	001	1	999	Aguada		003	0060	
	003	001	1	999	Aguadilla		005	0060	
	004	006	1	999	Aguas Buenas		007	7440	
	005	000	2	999	Aibonito		009	0000	
	006	004	1	999	Anasco		011	4840	
	007	002	1	999	Arecibo		013	0470	
	008	000	2	999	Arroyo		015	0000	
	009	006	1	999	Barceloneta		017	7440	
	010	000	2	999	Barranquitas		019	0000	
	011	006	1	999	Bayamon		021	7440	
	012	004	1	999	Cabo Rojo		023	4840	
	013	003	1	999	Caguas		025	1310	
	014	002	1	999	Camuy		027	0470	
	015	006	1	999	Canovanas		029	7440	
	016	006	1	999	Carolina		031	7440	
	017	006	1	999	Catano		033	7440	
	018	003	1	999	Cayey		035	1310	
	019	006	1	999	Ceiba		037	7440	
	020	000	2	999	Ciales		039	0000	
	021	003	1	999	Cidra		041	1310	
	022	000	2	999	Coamo		043	0000	
	023	006	1	999	Comerio		045	7440	
	024	006	1	999	Corozal		047	7440	
	025	000	2	999	Culebra		049	0000	
	026	006	1	999	Dorado		051	7440	
	027	006	1	999	Fajardo		053	7440	
	028	006	1	999	Florida		054	7440	
	029	000	2	999	Guanica		055	0000	
	030	000	2	999	Guayama		057	0000	
	031	005	1	999	Guayanilla		059	6360	
	032	006	1	999	Guaynabo		061	7440	
	033	003	1	999	Gurabo		063	1310	
	034	002	1	999	Hatillo		065	0470	
	035	004	1	999	Hormigueros		067	4840	
	036	006	1	999	Humacao		069	7440	
	037	000	2	999	Isabela		071	0000	
	038	000	2	999	Jayuya		073	0000	
	039	005	1	999	Juana Diaz		075	6360	
	040	006	1	999	Juncos		077	7440	
	041	000	2	999	Lajas		079	0000	
	042	000	2	999	Lares		081	0000	
	043	000	2	999	Las Marias		083	0000	
	044	006	1	999	Las Piedras		085	7440	
	045	006	1	999	Loiza		087	7440	
	046	006	1	999	Luquillo		089	7440	
	047	006	1	999	Manati		091	7440	
	048	000	2	999	Maricao		093	0000	
	049	000	2	999	Maunabo		095	0000	
	050	004	1	999	Mayaguez		097	4840	
	051	001	1	999	Moca		099	0060	
	052	006	1	999	Morovis		101	7440	
	053	006	1	999	Naguabo		103	7440	
	054	006	1	999	Naranjito		105	7440	
	055	000	2	999	Orocovis		107	0000	
	056	000	2	999	Patillas		109	0000	
	057	005	1	999	Penuelas		111	6360	
	058	005	1	999	Ponce		113	6360	
	059	000	2	999	Quebradillas		115	0000	
	060	000	2	999	Rincon		117	0000	
	061	006	1	999	Rio Grande		119	7440	
	062	004	1	999	Sabana Grande		121	4840	
	063	000	2	999	Salinas		123	0000	
	064	004	1	999	San German		125	4840	
	065	006	1	999	San Juan		127	7440	
	066	003	1	999	San Lorenzo		129	1310	
	067	000	2	999	San Sebastian		131	0000	
	068	000	2	999	Santa Isabel		133	0000	
	069	006	1	999	Toa Alta		135	7440	
	070	006	1	999	Toa Baja		137	7440	
	071	006	1	999	Trujillo Alto		139	7440	
	072	000	2	999	Utuado		141	0000	
	073	006	1	999	Vega Alta		143	7440	
	074	006	1	999	Vega Baja		145	7440	

Vital Statistics Codes						FIPS Codes			
St	Cnty	P/MSA	M/NM	City	Area Names	St	Cnty	P/MSA	Place
52					Puerto Rico	72			
	075	000	2	999	Vieques		147	0000	
	076	005	1	999	Villalba		149	6360	
	077	006	1	999	Yabucoa		151	7440	
	078	005	1	999	Yauco		153	6360	
53					Virgin Islands	78			
	001	000	2	999	St. Croix		010	0000	
	002	000	2	999	St. John		020	0000	
	003	000	2		St. Thomas		030	0000	
				001	Charlotte Amalie				99999
				999	Balance of area				99999
54					Guam	66			
	000	000	2		Guam		010	0000	
				000	Guam				99999
55	ZZZ	ZZZ	Z	ZZZ	Canada	00	000	0000	00000
56	ZZZ	ZZZ	Z	ZZZ	Cuba	00	000	0000	00000
57	ZZZ	ZZZ	Z	ZZZ	Mexico	00	000	0000	00000
59	ZZZ	ZZZ	Z	ZZZ	Remainder of World	00	000	0000	00000

List of Primary Metropolitan Statistical Areas
and their Component Counties
For the United States and Puerto Rico

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
001			Abilene, TX, MSA	0040		
	44		Texas		48	
		221	Taylor			441
002			Akron, OH, PMSA	0080		
	36		Ohio		39	
		067	Portage			133
		077	Summit			153
003			Albany, GA, MSA	0120		
	11		Georgia		13	
		047	Dougherty			095
		088	Lee			177
004			Albany-Schenectady-Troy, NY, MSA	0160		
	33		New York		36	
		001	Albany			001
		027	Montgomery			057
		039	Rensselaer			083
		042	Saratoga			091
		043	Schenectady			093
		044	Schoharie			095
005			Albuquerque, NM, MSA	0200		
	32		New Mexico		35	
		001	Bernalillo			001
		024	Sandoval			043
		033	Valencia			061
006			Alexandria, LA, MSA	0220		
	19		Louisiana		22	
		040	Rapides			079
007			Allentown-Bethlehem-Easton, PA, MSA	0240		
	39		Pennsylvania		42	
		013	Carbon			025
		039	Lehigh			077
		048	Northampton			095
008			Altoona, PA, MSA	0280		
	39		Pennsylvania		42	
		007	Blair			013
009			Amarillo, TX, MSA	0320		
	44		Texas		48	
		188	Potter			375
		191	Randall			381
010			Anchorage, AK, MSA	0380		
	02		Alaska		02	
		003	Anchorage			020
011			Ann Arbor, MI, PMSA	0440		
	23		Michigan		26	
		046	Lenawee			091
		047	Livingston			093
		081	Washtenaw			161
012			Anniston, AL, MSA	0450		
	01		Alabama		01	
		008	Calhoun			015
013			Appleton-Oshkosh-Neenah, WI, MSA	0460		
	50		Wisconsin		55	
		008	Calumet			015
		045	Outagamie			087
		071	Winnebago			139
014			Asheville, NC, MSA	0480		
	34		North Carolina		37	
		011	Buncombe			021
		058	Madison			115

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
015			Athens, GA, MSA	0500		
	11		Georgia		13	
		029	Clarke			059
		097	Madison			195
		108	Oconee			219
016			Atlanta, GA, MSA	0520		
	11		Georgia		13	
		007	Barrow			013
		008	Bartow			015
		022	Carroll			045
		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
		112	Pickens			227
		122	Rockdale			247
		126	Spalding			255
		147	Walton			297
017			Atlantic-Cape May, NJ, PMSA	0560		
	31		New Jersey		34	
		001	Atlantic			001
		005	Cape May			009
018			Augusta-Aiken, GA-SC, MSA	0600		
	11		Georgia		13	
		036	Columbia			073
		094	McDuffie			189
		121	Richmond			245
	41		South Carolina		45	
		002	Aiken			003
		019	Edgefield			037
019			Austin-San Marcos, TX, MSA	0640		
	44		Texas		48	
		011	Bastrop			021
		028	Caldwell			055
		105	Hays			209
		227	Travis			453
		246	Williamson			491
020			Bakersfield, CA, MSA	0680		
	05		California		06	
		015	Kern			029
021			Baltimore, MD, PMSA	0720		
	21		Maryland		24	
		002	Anne Arundel			003
		003	Baltimore			005
		004	Baltimore city			510
		007	Carroll			013
		013	Harford			025
		014	Howard			027
		018	Queen Anne's			035
022			Bangor, ME, NECMA	0733		
	20		Maine		23	
		010	Penobscot			019
023			Barnstable-Yarmouth, MA, NECMA	0743		
	22		Massachusetts		25	
		001	Barnstable			001

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

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
037			Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH	1123		
	22		Massachusetts		25	
		003	Bristol			005
		005	Essex			009
		009	Middlesex			017
		011	Norfolk			021
		012	Plymouth			023
		013	Suffolk			025
		014	Worcester			027
	30		New Hampshire		33	
		006	Hillsborough			011
		008	Rockingham			015
		009	Strafford			017
038			Boulder-Longmont, CO, PMSA	1125		
	06		Colorado		08	
		007	Boulder			013
039			Brazoria, TX, PMSA	1145		
	44		Texas		48	
		020	Brazoria			039
040			Bremerton, WA, PMSA	1150		
	48		Washington		53	
		018	Kitsap			035
041			Brownsville-Harlingen-San Benito, TX, MSA	1240		
	44		Texas		48	
		031	Cameron			061
042			Bryan-College Station, TX, MSA	1260		
	44		Texas		48	
		021	Brazos			041
043			Buffalo-Niagara Falls, NY, MSA	1280		
	33		New York		36	
		014	Erie			029
		030	Niagara			063
044			Burlington, VT, NECMA	1303		
	46		Vermont		50	
		004	Chittenden			007
		006	Franklin			011
		007	Grand Isle			013
045			Canton-Massillon, OH, MSA	1320		
	36		Ohio		39	
		010	Carroll			019
		076	Stark			151
046			Casper, WY, MSA	1350		
	51		Wyoming		56	
		013	Natrona			025
047			Cedar Rapids, IA, MSA	1360		
	16		Iowa		19	
		057	Linn			113
048			Champaign-Urbana, IL, MSA	1400		
	14		Illinois		17	
		010	Champaign			019
049			Charleston-North Charleston, SC, MSA	1440		
	41		South Carolina		45	
		008	Berkeley			015
		010	Charleston			019
		018	Dorchester			035
050			Charleston, WV, MSA	1480		
	49		West Virginia		54	
		020	Kanawha			039
		040	Putnam			079

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
051			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
052			Charlottesville, VA, MSA	1540		
	47		Virginia		51	
		002	Albemarle			003
		025	Charlottesville city			540
		045	Fluvanna			065
		055	Greene			079
053			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
054			Cheyenne, WY, MSA	1580		
	51		Wyoming		56	
		011	Laramie			021
055			Chicago, IL, PMSA	1600		
	14		Illinois		17	
		016	Cook			031
		019	De-Kalb			037
		022	Du Page			043
		032	Grundy			063
		045	Kane			089
		047	Kendall			093
		049	Lake			097
		056	McHenry			111
		099	Will			197
056			Chico-Paradise, CA, MSA	1620		
	05		California		06	
		004	Butte			007
057			Cincinnati, OH-KY-IN, PMSA	1640		
	15		Indiana		18	
		015	Dearborn			029
		058	Ohio			115
	18		Kentucky		21	
		008	Boone			015
		019	Campbell			037
		039	Gallatin			077
		041	Grant			081
		059	Kenton			117
		096	Pendleton			191
	36		Ohio		39	
		008	Brown			015
		013	Clermont			025
		031	Hamilton			061
		083	Warren			165
058			Clarksville-Hopkinsville, TN-KY, MSA	1660		
	18		Kentucky		21	
		024	Christian			047
	43		Tennessee		47	
		063	Montgomery			125

Vital Statistics Codes				FIPS Codes		
P/MSA	State	County	P/MSA Name and County Components	P/MSA	State	Cnty
059			Cleveland-Lorain-Elyria, OH, PMSA	1680		
	36		Ohio		39	
		004	Ashtabula			007
		018	Cuyahoga			035
		028	Geauga			055
		043	Lake			085
		047	Lorain			093
		052	Medina			103
060			Colorado Springs, CO, MSA	1720		
	06		Colorado		08	
		021	El Paso			041
061			Columbia, MO, MSA	1740		
	26		Missouri		29	
		010	Boone			019
062			Columbia, SC, MSA	1760		
	41		South Carolina		45	
		032	Lexington			063
		040	Richland			079
063			Columbus, GA-AL, MSA	1800		
	01		Alabama		01	
		057	Russell			113
	11		Georgia		13	
		026	Chattahoochee			053
		072	Harris			145
		106	Muscogee			215
064			Columbus, OH, MSA	1840		
	36		Ohio		39	
		021	Delaware			041
		023	Fairfield			045
		025	Franklin			049
		045	Licking			089
		049	Madison			097
		065	Pickaway			129
065			Corpus Christi, TX, MSA	1880		
	44		Texas		48	
		178	Nueces			355
		205	San Patricio			409
066			Cumberland, MD-WV, MSA	1900		
	21		Maryland		24	
		001	Allegany			001
	49		West Virginia		54	
		029	Mineral			057
067			Dallas, TX, PMSA	1920		
	44		Texas		48	
		043	Collin			085
		057	Dallas			113
		061	Denton			121
		070	Ellis			139
		107	Henderson			213
		116	Hunt			231
		129	Kaufman			257
		199	Rockwall			397
068			Danville, VA, MSA	1950		
	47		Virginia		51	
		035	Danville city			590
		097	Pittsylvania			143
069			Davenport-Moline-Rock Island, IA-IL, MSA	1960		
	14		Illinois		17	
		037	Henry			073
		081	Rock Island			161
	16		Iowa		19	
		082	Scott			163

Vital Statistics Codes				FIPS Codes		
P/MSA	State	County	P/MSA Name and County Components	P/MSA	State	Cnty
070			Dayton-Springfield, OH, MSA	2000		
	36		Ohio		39	
		012	Clark			023
		029	Greene			057
		055	Miami			109
		057	Montgomery			113
071			Daytona Beach, FL, MSA	2020		
	10		Florida		12	
		018	Flagler			035
		064	Volusia			127
072			Decatur, AL, MSA	2030		
	01		Alabama		01	
		040	Lawrence			079
		052	Morgan			103
073			Decatur, IL, MSA	2040		
	14		Illinois		17	
		058	Macon			115
074			Denver, CO, PMSA	2080		
	06		Colorado		08	
		001	Adams			001
		003	Arapahoe			005
		016	Denver			031
		018	Douglas			035
		030	Jefferson			059
075			Des Moines, IA, MSA	2120		
	16		Iowa		19	
		025	Dallas			049
		077	Polk			153
		091	Warren			181
076			Detroit, MI, PMSA	2160		
	23		Michigan		26	
		044	Lapeer			087
		050	Macomb			099
		058	Monroe			115
		063	Oakland			125
		074	St. Clair			147
		082	Wayne			163
077			Dothan, AL, MSA	2180		
	01		Alabama		01	
		023	Dale			045
		035	Houston			069
078			Dover, DE, MSA	2190		
	08		Delaware		10	
		001	Kent			001
079			Dubuque, IA, MSA	2200		
	16		Iowa		19	
		031	Dubuque			061
080			Duluth-Superior, MN-WI, MSA	2240		
	24		Minnesota		27	
		069	St. Louis			137
	50		Wisconsin		55	
		016	Douglas			031
081			Dutchess County, NY, PMSA	2281		
	33		New York		36	
		013	Dutchess			027
082			Eau Claire, WI, MSA	2290		
	50		Wisconsin		55	
		009	Chippewa			017
		018	Eau Claire			035

Vital Statistics Codes				FIPS Codes		
P/MSA	State	County	P/MSA Name and County Components	P/MSA	State	Cnty
083			El Paso, TX, MSA	2320		
	44		Texas		48	
		071	El Paso			141
084			Elkhart-Goshen, IN, MSA	2330		
	15		Indiana		18	
		020	Elkhart			039
085			Elmira, NY, MSA	2335		
	33		New York		36	
		007	Chemung			015
086			Enid, OK, MSA	2340		
	37		Oklahoma		40	
		024	Garfield			047
087			Erie, PA, MSA	2360		
	39		Pennsylvania		42	
		025	Erie			049
088			Eugene-Springfield, OR, MSA	2400		
	38		Oregon		41	
		020	Lane			039
089			Evansville-Henderson, IN-KY, MSA	2440		
	15		Indiana		18	
		065	Posey			129
		082	Vanderburgh			163
		087	Warrick			173
	18		Kentucky		21	
		051	Henderson			101
090			Fargo-Moorhead, ND-MN, MSA	2520		
	24		Minnesota		27	
		014	Clay			027
	35		North Dakota		38	
		009	Cass			017
091			Fayetteville, NC, MSA	2560		
	34		North Carolina		37	
		026	Cumberland			051
092			Fayetteville-Springdale-Rogers, AR, MSA	2580		
	04		Arkansas		05	
		004	Benton			007
		072	Washington			143
093			Flint, MI, PMSA	2640		
	23		Michigan		26	
		025	Genesee			049
094			Florence, AL, MSA	2650		
	01		Alabama		01	
		017	Colbert			033
		039	Lauderdale			077
095			Florence, SC, MSA	2655		
	41		South Carolina		45	
		021	Florence			041
096			Fort Collins-Loveland, CO, MSA	2670		
	06		Colorado		08	
		035	Larimer			069
097			Fort Lauderdale, FL, PMSA	2680		
	10		Florida		12	
		006	Broward			011
098			Fort Myers-Cape Coral, FL, MSA	2700		
	10		Florida		12	
		036	Lee			071

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
099			Fort Pierce-Port St. Lucie, FL, MSA	2710		
	10		Florida		12	
		043	Martin			085
		056	St. Lucie			111
100			Fort Smith, AR-OK, MSA	2720		
	04		Arkansas		05	
		017	Crawford			033
		066	Sebastian			131
	37		Oklahoma		40	
		068	Sequoyah			135
101			Fort Walton Beach, FL, MSA	2750		
	10		Florida		12	
		046	Okaloosa			091
102			Fort Wayne, IN, MSA	2760		
	15		Indiana		18	
		001	Adams			001
		002	Allen			003
		017	De Kalb			033
		035	Huntington			069
		090	Wells			179
		092	Whitley			183
103			Fort Worth-Arlington, TX, PMSA	2800		
	44		Texas		48	
		111	Hood			221
		126	Johnson			251
		184	Parker			367
		220	Tarrant			439
104			Fresno, CA, MSA	2840		
	05		California		06	
		010	Fresno			019
		020	Madera			039
105			Gadsden, AL, MSA	2880		
	01		Alabama		01	
		028	Etowah			055
106			Gainesville, FL, MSA	2900		
	10		Florida		12	
		001	Alachua			001
107			Galveston-Texas City, TX, PMSA	2920		
	44		Texas		48	
		084	Galveston			167
108			Gary, IN, PMSA	2960		
	15		Indiana		18	
		045	Lake			089
		064	Porter			127
109			Glens Falls, NY, MSA	2975		
	33		New York		36	
		053	Warren			113
		054	Washington			115
110			Goldsboro, NC, MSA	2980		
	34		North Carolina		37	
		096	Wayne			191
111			Grand Forks, ND-MN, MSA	2985		
	24		Minnesota		27	
		060	Polk			119
	35		North Dakota		38	
		018	Grand Forks			035

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
112			Grand Rapids-Muskegon-Holland, MI, MSA	3000		
	23		Michigan		26	
		003	Allegan			005
		041	Kent			081
		061	Muskegon			121
		070	Ottawa			139
113			Great Falls, MT, MSA	3040		
	27		Montana		30	
		007	Cascade			013
114			Greeley, CO, PMSA	3060		
	06		Colorado		08	
		062	Weld			123
115			Green Bay, WI, MSA	3080		
	50		Wisconsin		55	
		005	Brown			009
116			Greensboro--Winston-Salem--High Point, NC, MSA	3120		
	34		North Carolina		37	
		001	Alamance			001
		029	Davidson			057
		030	Davie			059
		034	Forsyth			067
		041	Guilford			081
		076	Randolph			151
		085	Stokes			169
		099	Yadkin			197
117			Greenville, NC, MSA	3150		
	34		North Carolina		37	
		074	Pitt			147
118			Greenville-Spartanburg-Anderson, SC, MSA	3160		
	41		South Carolina		45	
		004	Anderson			007
		011	Cherokee			021
		023	Greenville			045
		039	Pickens			077
		042	Spartanburg			083
119			Hagerstown, MD, PMSA	3180		
	21		Maryland		24	
		022	Washington			043
120			Hamilton-Middletown, OH, PMSA	3200		
	36		Ohio		39	
		009	Butler			017
121			Harrisburg-Lebanon-Carlisle, PA, MSA	3240		
	39		Pennsylvania		42	
		021	Cumberland			041
		022	Dauphin			043
		038	Lebanon			075
		050	Perry			099
122			Hartford, CT, NECMA	3283		
	07		Connecticut		09	
		002	Hartford			003
		004	Middlesex			007
		007	Tolland			013
123			Hattiesburg, MS, MSA	3285		
	25		Mississippi		28	
		018	Forrest			035
		037	Lamar			073
124			Hickory-Morganton, NC, MSA	3290		
	34		North Carolina		37	
		002	Alexander			003
		012	Burke			023
		014	Caldwell			027
		018	Catawba			035

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
125			Honolulu, HI, MSA	3320		
	12		Hawaii		15	
		002	Honolulu			003
126			Houma, LA, MSA	3350		
	19		Louisiana		22	
		029	Lafourche			057
		055	Terrebonne			109
127			Houston, TX, PMSA	3360		
	44		Texas		48	
		036	Chambers			071
		079	Fort Bend			157
		101	Harris			201
		146	Liberty			291
		170	Montgomery			339
		237	Waller			473
128			Huntington-Ashland, WV-KY-OH, MSA	3400		
	18		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
129			Huntsville, AL, MSA	3440		
	01		Alabama		01	
		042	Limestone			083
		045	Madison			089
130			Indianapolis, IN, MSA	3480		
	15		Indiana		18	
		006	Boone			011
		029	Hamilton			057
		030	Hancock			059
		032	Hendricks			063
		041	Johnson			081
		048	Madison			095
		049	Marion			097
		055	Morgan			109
		073	Shelby			145
131			Iowa City, IA, MSA	3500		
	16		Iowa		19	
		052	Johnson			103
132			Jackson, MI, MSA	3520		
	23		Michigan		26	
		038	Jackson			075
133			Jackson, MS, MSA	3560		
	25		Mississippi		28	
		025	Hinds			049
		045	Madison			089
		061	Rankin			121
134			Jackson, TN, MSA	3580		
	43		Tennessee		47	
		057	Madison			113
135			Jacksonville, FL, MSA	3600		
	10		Florida		12	
		010	Clay			019
		016	Duval			031
		045	Nassau			089
		055	St. Johns			109
136			Jacksonville, NC, MSA	3605		
	34		North Carolina		37	
		067	Onslow			133

Vital Statistics Codes				FIPS Codes		
P/MSA	State	County	P/MSA Name and County Components	P/MSA	State	Cnty
137			Jamestown, NY, MSA	3610		
	33		New York		36	
		006	Chautauqua			013
138			Janesville-Beloit, WI, MSA	3620		
	50		Wisconsin		55	
		054	Rock			105
139			Jersey City, NJ, PMSA	3640		
	31		New Jersey		34	
		009	Hudson			017
140			Johnson City-Kingsport-Bristol, TN-VA, MSA	3660		
	43		Tennessee		47	
		010	Carter			019
		037	Hawkins			073
		082	Sullivan			163
		086	Unicoi			171
		090	Washington			179
	47		Virginia		51	
		015	Bristol city			520
		115	Scott			169
		129	Washington			191
141			Johnstown, PA, MSA	3680		
	39		Pennsylvania		42	
		011	Cambria			021
		056	Somerset			111
142			Joplin, MO, MSA	3710		
	26		Missouri		29	
		049	Jasper			097
		073	Newton			145
143			Kalamazoo-Battle Creek, MI, MSA	3720		
	23		Michigan		26	
		013	Calhoun			025
		039	Kalamazoo			077
		080	Van Buren			159
144			Kankakee, IL, PMSA	3740		
	14		Illinois		17	
		046	Kankakee			091
145			Kansas City, MO-KS, MSA	3760		
	17		Kansas		20	
		046	Johnson			091
		052	Leavenworth			103
		061	Miami			121
		105	Wyandotte			209
	26		Missouri		29	
		019	Cass			037
		024	Clay			047
		025	Clinton			049
		048	Jackson			095
		054	Lafayette			107
		083	Platte			165
		089	Ray			177
146			Kenosha, WI, PMSA	3800		
	50		Wisconsin		55	
		030	Kenosha			059
147			Killeen-Temple, TX, MSA	3810		
	44		Texas		48	
		014	Bell			027
		050	Coryell			099

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
148			Knoxville, TN, MSA	3840		
	43		Tennessee		47	
		001	Anderson			001
		005	Blount			009
		047	Knox			093
		053	Loudon			105
		078	Sevier			155
		087	Union			173
149			Kokomo, IN, MSA	3850		
	15		Indiana		18	
		034	Howard			067
		080	Tipton			159
150			La Crosse, WI-MN, MSA	3870		
	24		Minnesota		27	
		028	Houston			055
	50		Wisconsin		55	
		032	La Crosse			063
151			Lafayette, LA, MSA	3880		
	19		Louisiana		22	
		001	Acadia			001
		028	Lafayette			055
		049	St. Landry			097
		050	St. Martin			099
152			Lafayette, IN, MSA	3920		
	15		Indiana		18	
		012	Clinton			023
		079	Tippecanoe			157
153			Lake Charles, LA, MSA	3960		
	19		Louisiana		22	
		010	Calcasieu			019
154			Lakeland-Winter Haven, FL, MSA	3980		
	10		Florida		12	
		053	Polk			105
155			Lancaster, PA, MSA	4000		
	39		Pennsylvania		42	
		036	Lancaster			071
156			Lansing-East Lansing, MI, MSA	4040		
	23		Michigan		26	
		019	Clinton			037
		023	Eaton			045
		033	Ingham			065
157			Laredo, TX, MSA	4080		
	44		Texas		48	
		240	Webb			479
158			Las Cruces, NM, MSA	4100		
	32		New Mexico		35	
		008	Dona Ana			013
159			Las Vegas, NV-AZ, MSA	4120		
	03		Arizona		04	
		009	Mohave			015
	29		Nevada		32	
		003	Clark			003
		013	Nye			023
160			Lawrence, KS, MSA	4150		
	17		Kansas		20	
		023	Douglas			045
161			Lawton, OK, MSA	4200		
	37		Oklahoma		40	
		016	Comanche			031

Vital Statistics Codes				FIPS Codes		
P/MSA	State	County	P/MSA Name and County Components	P/MSA	State	Cnty
162			Lewiston-Auburn, ME, NECMA	4243		
	20		Maine		23	
		001	Androscoggin			001
163			Lexington, KY, MSA	4280		
	18		Kentucky		21	
		009	Bourbon			017
		025	Clark			049
		034	Fayette			067
		057	Jessamine			113
		076	Madison			151
		105	Scott			209
		120	Woodford			239
164			Lima, OH, MSA	4320		
	36		Ohio		39	
		002	Allen			003
		006	Auglaize			011
165			Lincoln, NE, MSA	4360		
	28		Nebraska		31	
		055	Lancaster			109
166			Little Rock-North Little Rock, AR, MSA	4400		
	04		Arkansas		05	
		023	Faulkner			045
		043	Lonoke			085
		060	Pulaski			119
		063	Saline			125
167			Longview-Marshall, TX, MSA	4420		
	44		Texas		48	
		092	Gregg			183
		102	Harrison			203
		230	Upshur			459
168			Los Angeles-Long Beach, CA, PMSA	4480		
	05		California		06	
		019	Los Angeles			037
169			Louisville, KY-IN, MSA	4520		
	15		Indiana		18	
		010	Clark			019
		022	Floyd			043
		031	Harrison			061
		072	Scott			143
	18		Kentucky		21	
		015	Bullitt			029
		056	Jefferson			111
		093	Oldham			185
170			Lubbock, TX, MSA	4600		
	44		Texas		48	
		152	Lubbock			303
171			Lynchburg, VA, MSA	4640		
	47		Virginia		51	
		006	Amherst			009
		011	Bedford			019
		012	Bedford city			515
		020	Campbell			031
		076	Lynchburg city			680
172			Macon, GA, MSA	4680		
	11		Georgia		13	
		011	Bibb			021
		076	Houston			153
		084	Jones			169
		111	Peach			225
		143	Twiggs			289
173			Madison, WI, MSA	4720		
	50		Wisconsin		55	
		013	Dane			025

Vital Statistics Codes				FIPS Codes		
P/MSA	State	County	P/MSA Name and County Components	P/MSA	State	Cnty
174			Mansfield, OH, MSA	4800		
	36		Ohio		39	
		017	Crawford			033
		070	Richland			139
175			McAllen-Edinburg-Mission, TX, MSA	4880		
	44		Texas		48	
		108	Hidalgo			215
176			Medford-Ashland, OR, MSA	4890		
	38		Oregon		41	
		015	Jackson			029
177			Melbourne-Titusville-Palm Bay, FL, MSA	4900		
	10		Florida		12	
		005	Brevard			009
178			Memphis, TN-AR-MS, MSA	4920		
	04		Arkansas		05	
		018	Crittenden			035
	25		Mississippi		28	
		017	De Soto			033
	43		Tennessee		47	
		024	Fayette			047
		079	Shelby			157
		084	Tipton			167
179			Merced, CA, MSA	4940		
	05		California		06	
		024	Merced			047
180			Miami, FL, PMSA	5000		
	10		Florida		12	
		013	Dade			025
181			Middlesex-Somerset-Hunterdon, NJ, PMSA	5015		
	31		New Jersey		34	
		010	Hunterdon			019
		012	Middlesex			023
		018	Somerset			035
182			Milwaukee-Waukesha, WI, PMSA	5080		
	50		Wisconsin		55	
		041	Milwaukee			079
		046	Ozaukee			089
		067	Washington			131
		068	Waukesha			133
183			Minneapolis-St. Paul, MN-WI, MSA	5120		
	24		Minnesota		27	
		002	Anoka			003
		010	Carver			019
		013	Chisago			025
		019	Dakota			037
		027	Hennepin			053
		030	Isanti			059
		062	Ramsey			123
		070	Scott			139
		071	Sherburne			141
		082	Washington			163
		086	Wright			171
	50		Wisconsin		55	
		048	Pierce			093
		056	St. Croix			109
184			Mobile, AL, MSA	5160		
	01		Alabama		01	
		002	Baldwin			003
		049	Mobile			097
185			Modesto, CA, MSA	5170		
	05		California		06	
		050	Stanislaus			099

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
186			Monmouth-Ocean, NJ, PMSA	5190		
	31		New Jersey		34	
		013	Monmouth			025
		015	Ocean			029
187			Monroe, LA, MSA	5200		
	19		Louisiana		22	
		037	Ouachita			073
188			Montgomery, AL, MSA	5240		
	01		Alabama		01	
		001	Autauga			001
		026	Elmore			051
		051	Montgomery			101
189			Muncie, IN, MSA	5280		
	15		Indiana		18	
		018	Delaware			035
190			Myrtle Beach, SC, MSA	5330		
	41		South Carolina		45	
		026	Horry			051
191			Naples, FL, MSA	5345		
	10		Florida		12	
		011	Collier			021
192			Nashville, TN, MSA	5360		
	43		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
193			Nassau-Suffolk, NY, PMSA	5380		
	33		New York		36	
		028	Nassau			059
		048	Suffolk			103
194			New Haven-Bridgeport-Stamford-Danbury-Waterbury, CT, NECMA	5483		
	07		Connecticut		09	
		001	Fairfield			001
		005	New Haven			009
195			New London-Norwich, CT, NECMA	5523		
	07		Connecticut		09	
		006	New London			011
196			New Orleans, LA, MSA	5560		
	19		Louisiana		22	
		026	Jefferson			051
		036	Orleans			071
		038	Plaquemines			075
		044	St. Bernard			087
		045	St. Charles			089
		047	St. James			093
		048	St. John the Baptist			095
		052	St. Tammany			103
197			New York, NY, PMSA	5600		
	33		New York		36	
		029	New York city			005
		038	Putnam			079
		040	Rockland			087
		056	Westchester			119

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
198			Newark, NJ, PMSA	5640		
	31		New Jersey		34	
		007	Essex			013
		014	Morris			027
		019	Sussex			037
		020	Union			039
		021	Warren			041
199			Newburgh, NY-PA, PMSA	5660		
	33		New York		36	
		034	Orange			071
	39		Pennsylvania		42	
		052	Pike			103
200			Norfolk-Virginia Beach-Newport News, VA-NC, MSA	5720		
	34		North Carolina		37	
		027	Currituck			053
	47		Virginia		51	
		026	Chesapeake city			550
		052	Gloucester			073
		058	Hampton city			650
		065	Isle of Wight			093
		066	James City			095
		081	Mathews			115
		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
201			Oakland, CA, PMSA	5775		
	05		California		06	
		001	Alameda			001
		007	Contra Costa			013
202			Ocala, FL, MSA	5790		
	10		Florida		12	
		042	Marion			083
203			Odessa-Midland, TX, MSA	5800		
	44		Texas		48	
		068	Ector			135
		165	Midland			329
204			Oklahoma City, OK, MSA	5880		
	37		Oklahoma		40	
		009	Canadian			017
		014	Cleveland			027
		042	Logan			083
		044	McClain			087
		055	Oklahoma			109
		063	Pottawatomie			125
205			Olympia, WA, PMSA	5910		
	48		Washington		53	
		034	Thurston			067
206			Omaha, NE-IA, MSA	5920		
	16		Iowa		19	
		078	Pottawattamie			155
	28		Nebraska		31	
		013	Cass			025
		028	Douglas			055
		077	Sarpy			153
		089	Washington			177
207			Orange County, CA, PMSA	5945		
	05		California		06	
		030	Orange			059

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
208			Orlando, FL, MSA	5960		
	10		Florida		12	
		035	Lake			069
		048	Orange			095
		049	Osceola			097
		059	Seminole			117
209			Owensboro, KY, MSA	5990		
	18		Kentucky		21	
		030	Daviess			059
210			Panama City, FL, MSA	6015		
	10		Florida		12	
		003	Bay			005
211			Parkersburg-Marietta, WV-OH, MSA	6020		
	36		Ohio		39	
		084	Washington			167
	49		West Virginia		54	
		054	Wood			107
212			Pensacola, FL, MSA	6080		
	10		Florida		12	
		017	Escambia			033
		057	Santa Rosa			113
213			Peoria-Pekin, IL, MSA	6120		
	14		Illinois		17	
		072	Peoria			143
		090	Tazewell			179
		102	Woodford			203
214			Philadelphia, PA-NJ, PMSA	6160		
	31		New Jersey		34	
		003	Burlington			005
		004	Camden			007
		008	Gloucester			015
		017	Salem			033
	39		Pennsylvania		42	
		009	Bucks			017
		015	Chester			029
		023	Delaware			045
		046	Montgomery			091
		051	Philadelphia			101
215			Phoenix-Mesa, AZ, MSA	6200		
	03		Arizona		04	
		008	Maricopa			013
		012	Pinal			021
216			Pine Bluff, AR, MSA	6240		
	04		Arkansas		05	
		035	Jefferson			069
217			Pittsburgh, PA, MSA	6280		
	39		Pennsylvania		42	
		002	Allegheny			003
		004	Beaver			007
		010	Butler			019
		026	Fayette			051
		063	Washington			125
		065	Westmoreland			129
218			Pittsfield, MA, NECMA	6323		
	22		Massachusetts		25	
		002	Berkshire			003
219			Portland, ME, NECMA	6403		
	20		Maine		23	
		003	Cumberland			005

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
220			Portland-Vancouver, OR-WA, PMSA	6440		
	38		Oregon		41	
		003	Clackamas			005
		005	Columbia			009
		026	Multnomah			051
		034	Washington			067
		036	Yamhill			071
	48		Washington		53	
		006	Clark			011
221			Providence-Warwick-Pawtucket, RI, NECMA	6483		
	40		Rhode Island		44	
		001	Bristol			001
		002	Kent			003
		004	Providence			007
		005	Washington			009
222			Provo-Orem, UT, MSA	6520		
	45		Utah		49	
		025	Utah			049
223			Pueblo, CO, MSA	6560		
	06		Colorado		08	
		051	Pueblo			101
224			Punta Gorda, FL, MSA	6580		
	10		Florida		12	
		008	Charlotte			015
225			Racine, WI, PMSA	6600		
	50		Wisconsin		55	
		052	Racine			101
226			Raleigh-Durham-Chapel Hill, NC, MSA	6640		
	34		North Carolina		37	
		019	Chatham			037
		032	Durham			063
		035	Franklin			069
		051	Johnston			101
		068	Orange			135
		092	Wake			183
227			Rapid City, SD, MSA	6660		
	42		South Dakota		46	
		051	Pennington			103
228			Reading, PA, MSA	6680		
	39		Pennsylvania		42	
		006	Berks			011
229			Redding, CA, MSA	6690		
	05		California		06	
		045	Shasta			089
230			Reno, NV, MSA	6720		
	29		Nevada		32	
		016	Washoe			031
231			Richland-Kennewick-Pasco, WA, MSA	6740		
	48		Washington		53	
		003	Benton			005
		011	Franklin			021

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
232			Richmond-Petersburg, VA, MSA	6760		
	47		Virginia		51	
		023	Charles City			036
		027	Chesterfield			041
		030	Colonial Heights city			570
		037	Dinwiddie			053
		053	Goochland			075
		059	Hanover			085
		061	Henrico			087
		064	Hopewell city			670
		086	New Kent			127
		096	Petersburg city			730
		100	Powhatan			145
		102	Prince George			149
		108	Richmond city			760
233			Riverside-San Bernardino, CA, PMSA	6780		
	05		California		06	
		033	Riverside			065
		036	San Bernardino			071
234			Roanoke, VA, MSA	6800		
	47		Virginia		51	
		014	Botetourt			023
		109	Roanoke			161
		110	Roanoke city			770
		114	Salem city			775
235			Rochester, MN, MSA	6820		
	24		Minnesota		27	
		055	Olmsted			109
236			Rochester, NY, MSA	6840		
	33		New York		36	
		018	Genesee			037
		024	Livingston			051
		026	Monroe			055
		033	Ontario			069
		035	Orleans			073
		055	Wayne			117
237			Rockford, IL, MSA	6880		
	14		Illinois		17	
		004	Boone			007
		071	Ogle			141
		101	Winnebago			201
238			Rocky Mount, NC, MSA	6895		
	34		North Carolina		37	
		033	Edgecombe			065
		064	Nash			127
239			Sacramento, CA, PMSA	6920		
	05		California		06	
		009	El Dorado			017
		031	Placer			061
		034	Sacramento			067
240			Saginaw-Bay City-Midland, MI, MSA	6960		
	23		Michigan		26	
		009	Bay			017
		056	Midland			111
		073	Saginaw			145
241			St. Cloud, MN, MSA	6980		
	24		Minnesota		27	
		005	Benton			009
		073	Stearns			145
242			St. Joseph, MO, MSA	7000		
	26		Missouri		29	
		002	Andrew			003
		011	Buchanan			021

Vital Statistics Codes				FIPS Codes		
P/MSA	State	County	P/MSA Name and County Components	P/MSA	State	Cnty
243			St. Louis, MO-IL, MSA	7040		
	14		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
		057	Lincoln			113
		092	St. Charles			183
		095	St. Louis			189
		096	St. Louis city			510
		110	Warren			219
244			Salem, OR, PMSA	7080		
	38		Oregon		41	
		024	Marion			047
		027	Polk			053
245			Salinas, CA, MSA	7120		
	05		California		06	
		027	Monterey			053
246			Salt Lake City-Ogden, UT, MSA	7160		
	45		Utah		49	
		006	Davis			011
		018	Salt Lake			035
		029	Weber			057
247			San Angelo, TX, MSA	7200		
	44		Texas		48	
		226	Tom Green			451
248			San Antonio, TX, MSA	7240		
	44		Texas		48	
		015	Bexar			029
		046	Comal			091
		094	Guadalupe			187
		247	Wilson			493
249			San Diego, CA, MSA	7320		
	05		California		06	
		037	San Diego			073
250			San Francisco, CA, PMSA	7360		
	05		California		06	
		021	Marin			041
		038	San Francisco			075
		041	San Mateo			081
251			San Jose, CA, PMSA	7400		
	05		California		06	
		043	Santa Clara			085
252			San Luis Obispo-Atascadero-Paso Robles, CA, MSA	7460		
	05		California		06	
		040	San Luis Obispo			079
253			Santa Barbara-Santa Maria-Lompoc, CA, MSA	7480		
	05		California		06	
		042	Santa Barbara			083
254			Santa Cruz-Watsonville, CA, PMSA	7485		
	05		California		06	
		044	Santa Cruz			087
255			Santa Fe, NM, MSA	7490		
	32		New Mexico		35	
		016	Los Alamos			028
		027	Santa Fe			049

Vital Statistics Codes				FIPS Codes		
P/MSA	State	County	P/MSA Name and County Components	P/MSA	State	Cnty
256			Santa Rosa, CA, PMSA	7500		
	05		California		06	
		049	Sonoma			097
257			Sarasota-Bradenton, FL, MSA	7510		
	10		Florida		12	
		041	Manatee			081
		058	Sarasota			115
258			Savannah, GA, MSA	7520		
	11		Georgia		13	
		015	Bryan			029
		025	Chatham			051
		051	Effingham			103
259			Scranton--Wilkes-Barre--Hazleton, PA, MSA	7560		
	39		Pennsylvania		42	
		019	Columbia			037
		035	Lackawanna			069
		040	Luzerne			079
		066	Wyoming			131
260			Seattle-Bellevue-Everett, WA, PMSA	7600		
	48		Washington		53	
		015	Island			029
		017	King			033
		031	Snohomish			061
261			Sharon, PA, MSA	7610		
	39		Pennsylvania		42	
		043	Mercer			085
262			Sheboygan, WI, MSA	7620		
	50		Wisconsin		55	
		060	Sheboygan			117
263			Sherman-Denison, TX, MSA	7640		
	44		Texas		48	
		091	Grayson			181
264			Shreveport-Bossier City, LA, MSA	7680		
	19		Louisiana		22	
		008	Bossier			015
		009	Caddo			017
		060	Webster			119
265			Sioux City, IA-NE, MSA	7720		
	16		Iowa		19	
		097	Woodbury			193
	28		Nebraska		31	
		022	Dakota			043
266			Sioux Falls, SD, MSA	7760		
	42		South Dakota		46	
		041	Lincoln			083
		049	Minnehaha			099
267			South Bend, IN, MSA	7800		
	15		Indiana		18	
		071	St. Joseph			141
268			Spokane, WA, MSA	7840		
	48		Washington		53	
		032	Spokane			063
269			Springfield, IL, MSA	7880		
	14		Illinois		17	
		065	Menard			129
		084	Sangamon			167

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
270			Springfield, MO, MSA	7920		
	26		Missouri		29	
		022	Christian			043
		039	Greene			077
		113	Webster			225
271			Springfield, MA, NECMA	8003		
	22		Massachusetts		25	
		007	Hampden			013
		008	Hampshire			015
272			State College, PA, MSA	8050		
	39		Pennsylvania		42	
		014	Centre			027
273			Steubenville-Weirton, OH-WV, MSA	8080		
	36		Ohio		39	
		041	Jefferson			081
	49		West Virginia		54	
		005	Brooke			009
		015	Hancock			029
274			Stockton-Lodi, CA, MSA	8120		
	05		California		06	
		039	San Joaquin			077
275			Sumter, SC, MSA	8140		
	41		South Carolina		45	
		043	Sumter			085
276			Syracuse, NY, MSA	8160		
	33		New York		36	
		005	Cayuga			011
		025	Madison			053
		032	Onondaga			067
		036	Oswego			075
277			Tacoma, WA, PMSA	8200		
	48		Washington		53	
		027	Pierce			053
278			Tallahassee, FL, MSA	8240		
	10		Florida		12	
		020	Gadsden			039
		037	Leon			073
279			Tampa-St. Petersburg-Clearwater, FL, MSA	8280		
	10		Florida		12	
		027	Hernando			053
		029	Hillsborough			057
		051	Pasco			101
		052	Pinellas			103
280			Terre Haute, IN, MSA	8320		
	15		Indiana		18	
		011	Clay			021
		083	Vermillion			165
		084	Vigo			167
281			Texarkana, TX-Texarkana, AR, MSA	8360		
	04		Arkansas		05	
		046	Miller			091
	44		Texas		48	
		019	Bowie			037
282			Toledo, OH, MSA	8400		
	36		Ohio		39	
		026	Fulton			051
		048	Lucas			095
		087	Wood			173
283			Topeka, KS, MSA	8440		
	17		Kansas		20	
		089	Shawnee			177

Vital Statistics Codes				FIPS Codes		
P/MSA	State	County	P/MSA Name and County Components	P/MSA	State	Cnty
284			Trenton, NJ, PMSA	8480		
	31		New Jersey		34	
		011	Mercer			021
285			Tucson, AZ, MSA	8520		
	03		Arizona		04	
		011	Pima			019
286			Tulsa, OK, MSA	8560		
	37		Oklahoma		40	
		019	Creek			037
		057	Osage			113
		066	Rogers			131
		072	Tulsa			143
		073	Wagoner			145
287			Tuscaloosa, AL, MSA	8600		
	01		Alabama		01	
		063	Tuscaloosa			125
288			Tyler, TX, MSA	8640		
	44		Texas		48	
		212	Smith			423
289			Utica-Rome, NY, MSA	8680		
	33		New York		36	
		021	Herkimer			043
		031	Oneida			065
290			Vallejo-Fairfield-Napa, CA, PMSA	8720		
	05		California		06	
		028	Napa			055
		048	Solano			095
291			Ventura, CA, PMSA	8735		
	05		California		06	
		056	Ventura			111
292			Victoria, TX, MSA	8750		
	44		Texas		48	
		235	Victoria			469
293			Vineland-Millville-Bridgeton, NJ, PMSA	8760		
	31		New Jersey		34	
		006	Cumberland			011
294			Visalia-Tulare-Porterville, CA, MSA	8780		
	05		California		06	
		054	Tulare			107
295			Waco, TX, MSA	8800		
	44		Texas		48	
		155	McLennan			309

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
296			Washington, DC-MD-VA-WV, PMSA	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
		028	Clarke			043
		033	Culpeper			047
		040	Fairfax			059
		041	Fairfax city			600
		042	Falls Church city			610
		043	Fauquier			061
		049	Fredericksburg city			630
		068	King George			099
		073	Loudoun			107
		078	Manassas city			683
		079	Manassas Park city			685
		103	Prince William			153
		120	Spotsylvania			177
		121	Stafford			179
		128	Warren			187
	49		West Virginia		54	
		002	Berkeley			003
		019	Jefferson			037
297			Waterloo-Cedar Falls, IA, MSA	8920		
	16		Iowa		19	
		007	Black Hawk			013
298			Wausau, WI, MSA	8940		
	50		Wisconsin		55	
		037	Marathon			073
299			West Palm Beach-Boca Raton, FL, MSA	8960		
	10		Florida		12	
		050	Palm Beach			099
300			Wheeling, WV-OH, MSA	9000		
	36		Ohio		39	
		007	Belmont			013
	49		West Virginia		54	
		026	Marshall			051
		035	Ohio			069
301			Wichita, KS, MSA	9040		
	17		Kansas		20	
		008	Butler			015
		040	Harvey			079
		087	Sedgwick			173
302			Wichita Falls, TX, MSA	9080		
	44		Texas		48	
		005	Archer			009
		243	Wichita			485
303			Williamsport, PA, MSA	9140		
	39		Pennsylvania		42	
		041	Lycoming			081
304			Wilmington-Newark, DE-MD, PMSA	9160		
	08		Delaware		10	
		002	New Castle			003
	21		Maryland		24	
		008	Cecil			015

Vital Statistics Codes				FIPS Codes		
P/MSA	State	County	P/MSA Name and County Components	P/MSA	State	Cnty
305			Wilmington, NC, MSA	9200		
	34		North Carolina		37	
		010	Brunswick			019
		065	New Hanover			129
306			Yakima, WA, MSA	9260		
	48		Washington		53	
		039	Yakima			077
307			Yolo, CA, PMSA	9270		
	05		California		06	
		057	Yolo			113
308			York, PA, MSA	9280		
	39		Pennsylvania		42	
		067	York			133
309			Youngstown-Warren, OH, MSA	9320		
	36		Ohio		39	
		015	Columbiana			029
		050	Mahoning			099
		078	Trumbull			155
310			Yuba City, CA, MSA	9340		
	05		California		06	
		051	Sutter			101
		058	Yuba			115
311			Yuma, AZ, MSA	9360		
	03		Arizona		04	
		015	Yuma			027

Vital Statistics Codes P/MSA	State	County	P/MSA Name and County Components	FIPS Codes P/MSA	State	Cnty
001			Aguadilla, PR, MSA	0060		
	52		Puerto Rico		72	
		002	Aguada			003
		003	Aguadilla			005
		051	Moca			099
002			Arecibo, PR, PMSA	0470		
	52		Puerto Rico		72	
		007	Arecibo			013
		014	Camuy			027
		034	Hatillo			065
003			Caguas, PR, PMSA	1310		
	52		Puerto Rico		72	
		013	Caguas			025
		018	Cayey			035
		021	Cidra			041
		033	Gurabo			063
		066	San Lorenzo			129
004			Mauaguez, PR, MSA	4840		
	52		Puerto Rico		72	
		006	Anasco			011
		012	Cabo Rojo			023
		035	Hormigueros			067
		050	Mayaguez			097
		062	Sabana Grande			121
		064	San German			125
005			Ponce, PR, MSA	6360		
	52		Puerto Rico		72	
		031	Guayanilla			059
		039	Juana Diaz			075
		057	Penuelas			111
		058	Ponce			113
		076	Villalba			149
		078	Yauco			153
006			San Juan-Bayamon, PR, PMSA	7440		
	52		Puerto Rico		72	
		004	Aguas Buenas			007
		009	Barceloneta			017
		011	Bayamon			021
		015	Canovanas			029
		016	Carolina			031
		017	Catano			033
		019	Ceiba			037
		023	Comerio			045
		024	Corozal			047
		026	Dorado			051
		027	Fajardo			053
		028	Florida			054
		032	Guaynabo			061
		036	Humacao			069
		040	Juncos			077
		044	Las Piedras			085
		045	Loiza			087
		046	Luquillo			089
		047	Manati			091
		052	Morovis			101
		053	Naguabo			103
		054	Naranjito			105
		061	Rio Grande			119
		065	San Juan			127
		069	Toa Alta			135
		070	Toa Baja			137
		071	Trujillo Alto			139
		073	Vega Alta			143
		074	Vega Baja			145
		077	Yabucoa			151

1995 Addendum to "Technical Appendix" of Vital Statistics of the United States, 1994" - Volume I, Natality

Apgar Score

In 1995, NCHS collected only the 5-minute Apgar score.

Education of Father

In 1995, NCHS did not collect information on education of the father.

Birth Interval

In 1995, NCHS did not collect information on the date of last live birth. Therefore, there is no information on birth interval for 1995.

Marital Status

In 1995, California and Nevada implemented procedures to help identify the mother's marital status more accurately. In California, procedures that were previously used to help identify the marital status of Asian mothers was extended to Hispanic mothers also. These procedures compare the parents' surnanes when they are hyphenated if the parents were born in countries where naming practices can identify the parents' marital status. For Hispanic mothers, if the child is given a double surname of the mother's and father's surnames (either entire surnames or portions of the parents' hyphenated surnames), regardless of the sequence, and the mother is of Hispanic origin, the mother's marital status is coded "Married". In Nevada, marital status information is collected through the electronic birth process even though there is not a direct question on marital status on the printed birth certificate. See the Technical Notes of the Report of Final Natality Statistics, 1995 for more information on special procedures used by States to collect marital status information.

Percent Completeness

See table A for the percent completeness of all items collected from the birth certificate by NCHS for each reporting area.

Residence and Occurrence Data

See table 1 for counts of births by occurrence and residence for every State and the District of Columbia.

Section 4. Technical Appendix

Page

Definition of live birth

History of birth-registration area

Sources of data

Natality statistics

Certificate of Live Birth

Classification of data

Classification by occurrence and residence

Geographic classification

Race or national origin

Age of mother

Age of father

Live-birth order and parity

Date of last live birth

Educational attainment

Marital status

Place of delivery and attendant at birth

Birthweight

Period of gestation

Month of pregnancy prenatal care began

Number of prenatal visits

Apgar score

Tobacco and alcohol use during pregnancy

Weight gained during pregnancy

Medical risk factors for this pregnancy

Obstetric procedures

Complications of labor and/or delivery

Abnormal conditions of the newborn

Congenital anomalies of child

Method of delivery

Hispanic parentage

Quality of data

Completeness of registration

Completeness of reporting

Quality control procedures

Small frequencies

Computation of rates and other measures

Population bases

Net census undercounts and overcounts

Cohort fertility tables

Age-sex-adjusted birth rates

Total fertility rate

Intrinsic vital rates

Seasonal adjustment of rates

Computation of percents, medians, and means

References

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 the section on fetal deaths in the Technical Appendix of volume II, Vital Statistics of the United States). 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. Currently 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 Commonwealth of the Northern Mariana 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.

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 1909-34 (4). These estimates include adjustments 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 PuertoRico 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 for years prior to 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 except for 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 pages 3-9 to 3-11 in volume I of Vital Statistics of the United States, 1967. 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 (for further discussion see ``Classification by occurrence and residence"). 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 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 provided 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 was 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 included ``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 were 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 and the use of technology in childbirth, and to identify babies with specific abnormal conditions. When combined with other socioeconomic and health data, these items provide a wealth of information relevant to the etiology of low birthweight and other adverse pregnancy outcomes.

Another modification was the addition of a 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 was new to the U.S. Standard Certificate for 1989.

The 1989 revised certificate also provided more detail than previously requested on the birth attendant and place of birth. This permits 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, 1994," NCHS Instruction Manual, Part 3a. The classification of certain important items is discussed in the following pages.

Classification by occurrence and residence

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 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 1994 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 demonstrates 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 1994 vital statistics data for cities and certain other urban places have been classified according to the population enumerated in the 1990 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 1982-93 was determined by the population enumerated in the 1980 Census of Population. As a result of changes in the enumerated population between 1980 and 1990, 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:

- Each town in New England, New York, and Wisconsin and each township in Michigan, New Jersey, and Pennsylvania that had no incorporated municipality as a subdivision and had either 25,000 inhabitants or more, or a population of 10,000 to 25,000 and a density of 1,000 persons or more per square mile.
- Each county in States other than those indicated above that had no incorporated municipality within its boundary and had a density of 1,000 persons or more per square mile. (Arlington County, Virginia, is the only county classified as urban under this rule.)
- Each place in Hawaii with 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 race of the other parent. When the parents were of different races and neither parent was white, the child was assigned to the race of the father, 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 it 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 on page 4 of the Technical Appendix, volume I, Vital Statistics of the United States, 1988. 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 was the decennial revision of the U.S. Standard Certificate of Live Birth in 1989. This revision included 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, marital status, education level, and 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 1994, 4.4

percent of births were to parents of different races, compared with just 1.7 percent in 1974. About half 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 whose parents were both white (or one parent if the race of only one parent 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, prior to 1989, 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 the 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 birthweight. In this instance, the racial differential is larger when the data are tabulated by race of mother rather 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, 16 percent in 1994 compared with 9 percent in 1974. This reflects the increase in the proportion of births to unmarried women; in many cases no information is reported on the father. These births were already assigned the race of the mother on a de facto basis. Tabulating births by race of mother provides a more uniform approach, rather than a necessarily arbitrary combination of parental races.

The 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.

The categories for race or national origin are ``White,'' ``Black,'' ``American Indian'' (including Aleuts and Eskimos), ``Chinese,'' ``Japanese,'' ``Hawaiian,'' ``Filipino,'' and ``Other Asian or Pacific Islander'' (including Asian Indian). Before 1992 there was also an ``other'' category, which is now combined with the ``Not stated'' category. 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.

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.'')

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 race of the parent 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 race of the father is known, the race of the father is assigned to the mother. 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 0.5 percent of birth certificates for 1994. 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 the race of the parents 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 page 4-8 in the Technical Appendix of volume I, Vital Statistics of the United States, 1963.

Beginning in 1992, NCHS contracted with seven States with the highest API populations to code births to additional API subgroups. The API subgroups include births to Vietnamese, Asian Indian, Korean, Samoan, Guamanian, and other API women. The seven States included in this reporting area are: California, Hawaii, Illinois, New Jersey, New York, Texas, and Washington. At least two-thirds of the U.S. population of each of these additional API groups lived in the seven-State reporting area(8). The data are available on the detailed natality tapes and CD-ROMs beginning with the 1992 data year. An analytic report based on the 1992 data year is also available upon request(9).

Age of mother

Beginning in 1989 an item on 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 age of mother 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 age of mother is computed to be under 10 years or 50 years or over, it is considered not stated and is assigned as described below.

Age-specific birth rates are based on populations of women by age, 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 reporting age in these two sources (10).

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 age of father 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 1994 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.

The educational attainment of either parent is defined as ``the number of years of school completed." Only those years completed in ``regular" schools are counted, that is, a formal educational system of public schools or the equivalent in accredited private or parochial schools. 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 1994 marital status was reported directly on the birth certificates of 45 States and the District of Columbia. In the remaining five States, which lack such an item (California, Connecticut, Michigan, Nevada, and New York), 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, 1985-94. 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. Trends based on data incorporating inferential statistics can be compared with trends based on the geographic estimates for the 1980-94 period to show the impact of the two methods. The trends for the two methods are similar for all races combined and for white and black births. Between 1980 and 1994, birth rates for unmarried white women increased 112 percent based on data incorporating inferential information and 116 percent based on the geographic estimates. Birth rates for unmarried black women increased 1 percent based on the inferential data and declined 2 percent based on geographic estimates.

Michigan and Texas births--The number of births to unmarried women in Michigan was underreported during the years 1988-93, but the greatest undercount, numerically, was for 1990-93. Michigan had separate counts of the numbers of births with paternity acknowledgments, but did not include them with the counts of unmarried women based on the general inferential procedures that were provided to NCHS. The underreporting began in 1988, and was about 25 percent for the years

1988-93. In 1993 NCHS reported 36,326 births to unmarried women in Michigan, 26 percent below the number that included paternity affidavits (49,281) (11). Thus, there is a considerable discontinuity in the nonmarital birth data for Michigan from 1993 to 1994. The proportion of nonmarital births reported to NCHS increased from 26 percent to 35 percent.

The number of births to unmarried women in Texas was underreported during the years 1989-93. As a result of legislation passed in 1989, a birth was considered to have occurred to a married woman if the mother provides any information about the father, or if a paternity affidavit has been filed. The measurement of marital status for Texas births improved beginning with the 1994 data year because a direct question on marital status was added to the Texas birth certificate. However, there is a considerable discontinuity in the data for Texas from 1993 to 1994. The proportion of births to unmarried mothers increased from 17 to 29 percent.

No adjustments are made during the data processing for errors in the reporting of marital status on the birth records of the 45 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. Rates for 1955-94 are based on a smoothed series of population estimates (12). Because of sampling error, the original U.S. Bureau of the Census population estimates by marital status fluctuate erratically from year to year; therefore, they have been smoothed so that the rates do not show similar variations. These rates differ

from those published in volumes 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 volumes of Vital Statistics of the United States (see ``Computation of rates and other measures").

Place of delivery and attendant at birth

The 1989 revision of the U.S. Standard Certificate of Live Birth included separate categories for freestanding birthing centers, the mother's residence, and clinic or doctor's office as the place of birth. Prior to 1989, 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. 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 for the ``In hospital" category for 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 published after 1980 will, 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.

Beginning in 1993, all in-hospital births occurring in Illinois where the attendant was classified as an "other" midwife were changed to certified nurse-midwife. This was necessary because almost all of these births were delivered by midwives certified by the American College of Nurse Midwives but because Illinois does not certify midwives, many of these births were classified as "other" midwives.

Birthweight

Birthweight 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 birthweight were changed in 1979 to be consistent with the recommendations in the Ninth Revision of the International Classification of Diseases (ICD-9). The categories in gram intervals and their equivalents in pounds and ounces are as follows:

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 birthweight 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 birthweight 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 because 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 included 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 birthweight. This is done for normal-weight births of apparently short gestations and very low-birthweight 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 4.1 percent of the births in 1994 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 birthweight, whereas the LMP-computed gestation was not. In cases where the reported birthweight was inconsistent with both the LMP-computed gestation and the clinical estimate of gestation, the LMP-computed gestation was used if it was within 5 weeks of the clinical estimate and birthweight was reclassified as ``not stated." If the reported birthweight was inconsistent with both the LMP-computed gestation and the clinical estimate of gestation, gestation and birthweight were classified as "not stated" if the LMP-computed gestation was not within 5 weeks of the clinical estimate. 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 birthweight 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 (13).

Because of postconception 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. Beginning in 1989 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 1994 the reporting area for the 1- and 5-minute Apgar scores was comprised of 48 States and the District of Columbia, accounting for 78 percent of all births in the United States. California and Texas did not have information on Apgar scores on their birth certificate.

Tobacco and alcohol use during pregnancy

The checkbox format allows for classification of a mother as a smoker or drinker during pregnancy and for reporting 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, for example, 10-15, the lower number is used. The number of drinkers and number of drinks reported on birth certificates are believed to underestimate actual alcohol use.

Data on tobacco use were collected by 46 States, the District of Columbia, and New York City in 1994. This reporting area accounted for 79 percent of all births in the U.S. in 1994. Information on alcohol use was included on the certificates of 48 States and the District of Columbia, accounting for 85 percent of all U.S. births in 1994. California and South Dakota did not include items on alcohol use of their birth certificates.

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 49 States and the District of Columbia; California did not report this information. This reporting area excluding California accounted for 86 percent of all births in the United States in 1994.

Medical risk factors for this pregnancy

In 1994 an item on medical risk factors was included on the birth certificates of all States and the District of Columbia, but two States did not report all of the 16 risk factors. Texas did not report genital herpes or uterine bleeding while Kansas did not report Rh sensitization.

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 following definitions 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 (14).

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 (for 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 4,000+ grams--The birthweight of a previous live-born child was over 4,000 grams (8 lbs 13 oz).

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 10th 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 were reported by all States and the District of Columbia.

The following definitions are adapted and abbreviated from a set of definitions compiled by

a committee of Federal and State health statistics officials for the National Association for Public Health Statistics and Information Systems (NAPHSIS), formerly the Association for Vital Records and Health Statistics (14).

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 1 complication where appropriate. A choice of ``None" is also included. Accordingly, if the item is not completed, it is classified as ``not stated."

All 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 following definitions are adapted and abbreviated from a set of definitions compiled by a committee of Federal and State health statistics officials. (14).

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 all States and the District of Columbia in 1994. However, several States did not include all conditions (see table A).

The following definitions are adapted and abbreviated from a set of definitions compiled by a committee of Federal and State health statistics. (14).

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 that 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-nine States and the District of Columbia included this item on their birth certificates (New Mexico and New York City did not). This reporting area included 96 percent of all births in the United States in 1994. 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.

The following definitions are adapted and abbreviated from a set of definitions compiled by a committee of Federal and State health statistics officials. (14).

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 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 1994 this information was collected from the birth certificates of all States and the District of Columbia.

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 that 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 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. 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. All 50 States and the District of Columbia reported Hispanic origin of the parents for 1994.

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 with origin of mother not stated (1.1 percent in 1994) were actually to Hispanic mothers. 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 lessen the value of the data for most general purposes.

Completeness of registration

An estimated 99 percent of all births occurring in the United States in 1994 were registered; for white births registration was 99.4 percent complete and for all other births, 98.6 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 (15).

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.

Data adjusted for underregistration for 1951-59 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 page 4-11 in the Technical Appendix of volume I, Vital Statistics of the United States, 1963.)

The age-specific rates used in the cohort fertility tables 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 birth 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 item completeness. 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. This was achieved through independent verification of a sample of records for some States as well as comparing the State data with data from previous years. In addition, there is verification at the State level before NCHS is sent the data.

After the coding is completed, 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 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 N is the number of births and R is the corresponding rate, the chances are 19 in 20 that

1. The ``true" number of events lies between

$$N - 2\sqrt{N} \text{ and } N + 2\sqrt{N}$$

2. The ``true" rate lies between

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

If the rate R1 corresponding to N1 events is compared with the rate R2 corresponding to N2 events, the difference between the two rates may be regarded as statistically significant if it exceeds

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

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

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

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 1900-32 and for the United States for 1900-94 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 (16). In 1980 the number of persons of ``other'' race was 6,758,319; in 1990 it was 9,804,847. In both censuses, the large majority of these persons were of Hispanic origin (based on response to a separate question on the form), and many wrote in their Hispanic origin, or Hispanic origin type (for example, Mexican, 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, Asian or Pacific Islander), based on their response to the Hispanic origin question. These four race categories conform with the 1979 edition of OMB Directive 15 which mandates that race data must contain at least these 4 categories. These categories are also more consistent with the race categories in vital statistics.

In 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-percent sample (respondents who were enumerated on the longer census form) provided a highly detailed coding of race, which allowed identification of otherwise unidentifiable responses with a specified race category. Allocation proportions were thus established at the State level, which were used to distribute the non-Hispanic persons of ``other'' race in the 100-percent tabulations.

In 1990 the race modification procedure was 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 to 1979 minus year of birth.

In 1990 the 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, because 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 provided elimination of spurious year-of-birth reports in the census data before modification occurred.

Populations for 1994–The population of the United States by age, sex, race, and Hispanic origin are shown in the Census Bureau report, United States population estimates by age, sex, race and Hispanic origin: 1990 to 1994. U.S. Bureau of the Census. PPL-21. Washington: U.S. Department of Commerce. 1995.

Populations for 1993--The population of the United States by age, sex, race and Hispanic origin are tabulated from Census file RESO793. Washington: U.S. Department of Commerce. 1995.

Populations for 1992--The population of the United States by age, sex, race and Hispanic origin are tabulated from census file RESPO792. Washington: U.S. Department of Commerce. 1994.

Populations for 1991--The population of the United States by age, race, and sex are shown in Current Population Reports, Series P-25, Number 1095. Monthly population figures were published in Current Population Reports, Series P-25, Number 1097.

Populations for 1990--The population of the United States by age, race, and sex, and the population for each State are shown in Current Population Reports, Series P-25, Number 1095. 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) 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 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 volume I, Vital Statistics of the United States, 1980. 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) 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 (17). The revised estimates for the United States by age, race, and sex were published by the U.S. Bureau of the Census in 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 for 1961-69 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 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 volume I, Vital Statistics of the United States, 1966. 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, 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 were not enumerated or overenumerated in the respective censuses, by age, race, and sex (17-19). The report for 1990 (20) 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 are differential coverages 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 (18). 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 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 are computed from births adjusted

for underregistration and population estimates corrected for underenumeration and misstatement of age. Data published after 1974 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 (21).

Parity distribution--The percent distribution of women by parity (number of children ever born alive to mother) is derived from cumulative birth rates by order of birth. 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:

Percent at N parity = (cum. rate, order N) - (cum. rate, order 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--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 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 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. The rate of 2,036 in 1994, 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 1994, they would have a total of 2,036 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 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 pages 4-13 and 4-14 in the Technical Appendix of volume I, Vital Statistics of the United States, 1962. The technique of calculating intrinsic vital rates is described by Barclay (22).

Seasonal adjustment of rates

The seasonally adjusted birth and fertility rates are computed from the X-11 variant of Census Method II (23). 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.

References

1. World Health Organization. Official records; no 28 (Third World Health Assembly 3.6). Geneva: World Health Organization, 16-17. 1950.

2. National Office of Vital Statistics. International recommendations on definitions of live birth and fetal deaths. Washington: Public Health Service. 1950.

3. Statistical Office of the United Nations. Principles for vital statistics system: Recommendations for the improvement and standardization of vital statistics. Doc. ST/STAT/SER.M/19. New York: United Nations. 1953.

4. National Office of Vital Statistics. Births and birth rates in the entire United States, 1909 to 1948. Vital Statistics--Special reports; vol 33 no 8. Washington: Public Health Service. 1950.

5. U.S. Bureau of the Census. Population of metropolitan areas and component geography: 1990 and 1980 (6-30-90 definitions). 1990 CPH-L-10. Washington: U.S. Department of Commerce. 1991.

6. U.S. Department of Commerce. Metropolitan statistical area classification. Federal Register; vol 45 no 2. Washington: U.S. Government Printing Office, 956-62. 1980.

7. U.S. Office of Management and Budget. Standard metropolitan statistical areas. Rev. ed. Washington: U.S. Government Printing Office, 89-90. 1975.

8. U.S. Bureau of the Census. 1990 Census of Population. General population characteristics; (1990 CP-1-1). Washington: U.S. Department of Commerce. 1992.

9. Martin JA. Birth characteristics for Asian or Pacific Islander subgroups, 1992. Monthly vital statistics report; vol 43 no 10, suppl. Hyattsville, Maryland: National Center for Health Statistics.

1995.

10. Schachter J. Matched record comparison of birth certificate and census information in the United States, 1950. Vital statistics--Special Reports; vol 47 no12. Washington: Public Health Service. 1962.

11. Office of the State Registrar. Michigan Department of Public Health. Unpublished tabulation. 1995.

12. Ventura SJ. Births to unmarried mothers, United States, 1980-92. National Center for Health Statistics. Vital Health Stat 21(53). 1995.

13. Taffel S, Johnson D, Heuser R. A method for imputing length of gestation on birth certificates. National Center for Health Statistics. Vital Health Stat 2(93). 1982.

14. Brockert JE, Stockbauer JW, Senner JW, et al. Recommended standard medical definitions for the U.S. Standard Certificate of Live Birth, 1989 revision. Paper presented at annual meeting of the Association for the Vital Record and Health Statistics. June 1990.

15. U.S. Bureau of the Census. Test of birth-registration completeness, 1964 to 1968. 1970 census of population and housing; PHC (E)-2. Evaluation and Research Program. Washington: U.S. Department of Commerce. 1973.

16. U.S. Bureau of the Census. U.S. population estimates, by age, sex, race, and Hispanic origin, 1980-91. Current population reports; series P-25, no 1095. Washington: U.S. Department of Commerce. 1993.

17. U.S. Bureau of the Census. Coverage of the national population in the 1980 census by age, sex, and race. Preliminary estimates by demographic analysis. Current population reports; series P-23, no 115. Washington: U.S. Department of Commerce. 1982.

18. U.S. Bureau of the Census. Estimates of coverage of the population by sex, race, and

age--Demographic analysis. 1970 census of population and housing; PHC (E)-4. Evaluation and Research Program. Washington: U.S. Department of Commerce. 1974.

19. U.S. Bureau of the Census. Developmental estimates of the coverage of the population of States in the 1970 census-demographic analysis. Current population reports; series P-23, no 65. Washington: U.S. Department of Commerce. 1977.

20. Robinson JG, Ahmed B, Das Gupta P, et al. Estimation of population coverage in the 1990 United States census based on demographic analysis. JASA 88(423):1061-71. 1993.

21. Heuser R. Fertility tables for birth cohorts by color: United States, 1917-73. Washington: National Center for Health Statistics. 1976.

22. Barclay GW. Techniques of population analysis. New York: John Wiley & Sons, Inc., 216-22. 1958.

23. U.S. Bureau of the Census. The X-11 variant of the Census Method II Seasonal Adjustment Program. Technical paper; no 15, 1967 rev. Washington: U.S. Department of Commerce. 1967.

Table A. Percent of Birth Records on Which Specified Items Were Not Stated: United States and Each State, Puerto Rico, Virgin Islands, and Guam: 1995

[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	Length of Gestation	Month prenatal care began	Number of pre-natal visits
							Mother	Father	Mother				
Total of reporting areas 1/	3,899,589	0.0	0.2	0.2	15.2	15.2	1.5	16.0	1.5	0.7	0.9	2.4	3.4
Alabama	60,329	-	0.0	0.1	27.1	27.1	-	27.1	0.5	0.0	0.1	0.7	1.1
Alaska	10,244	0.0	.0	.2	11.7	14.5	.4	12.9	2.1	.2	.3	1.1	1.1
Arizona	72,463	.0	.1	.3	28.1	30.2	.3	30.4	2.6	.2	.2	1.9	5.6
Arkansas	35,175	.0	.1	.4	19.5	19.6	.2	19.6	.8	.1	.4	2.2	3.2
California	552,045	.0	.9	.0	6.3	3.8	.4	3.5	.9	.1	2/ 4.3	.3	2.3
Colorado	54,332	.0	.0	.2	11.8	12.8	.4	13.8	1.4	.3	.0	1.5	2.3
Connecticut	44,334	.0	.0	.4	9.9	11.5	4.0	13.2	5.8	11.0	3.5	7.0	9.2
Delaware	10,266	.0	.0	.4	25.7	32.4	.1	31.8	.3	.2	.1	.7	1.1
District of Columbia	9,014	.0	-	1.2	50.7	55.5	.7	50.6	6.0	.6	.4	10.5	10.9
Florida	188,723	.0	-	.2	19.5	19.5	.0	20.5	.3	.0	.1	.8	2.1
Georgia	112,282	.0	.0	.3	19.5	20.0	.5	19.9	1.0	.2	.1	1.5	1.1
Hawaii	18,595	-	.0	.1	10.6	10.7	.1	9.8	.3	.0	2.3	3.0	3.5
Idaho	18,035	.0	.0	.2	8.0	10.5	.6	10.1	3.0	.9	1.0	2.7	4.6
Illinois	185,812	.1	.0	.1	17.4	17.9	.0	17.5	.6	.1	.2	1.7	2.0
Indiana	82,835	.0	.1	.2	13.5	13.2	.2	13.2	1.3	.2	.1	1.7	2.7
Iowa	36,810	.0	.0	.2	13.1	14.5	.7	14.9	1.6	.2	.2	1.4	4.2
Kansas	37,201	-	.1	.0	11.0	11.3	1.0	12.5	.2	.0	.1	.5	.8
Kentucky	52,377	.0	.0	-	19.8	19.8	.1	28.3	.2	.4	.1	.9	1.0
Louisiana	65,641	.0	.0	.0	26.4	26.5	.0	26.4	.1	.1	.1	.4	.7
Maine	13,896	-	.0	.0	16.2	17.2	1.6	18.5	.5	.1	.2	.6	.6
Maryland	72,396	.0	.0	.9	8.1	9.0	1.1	6.4	3.2	4.7	.8	7.9	14.4
Massachusetts	81,648	.0	.0	.5	10.6	9.5	.7	9.6	.6	.4	.2	.4	.7
Michigan	134,642	.0	.3	.1	19.1	21.3	4.9	25.0	.9	.5	.1	2.8	5.0
Minnesota	63,263	.1	.0	.3	9.6	12.5	8.7	19.2	2.6	.4	.9	3.9	3.4
Mississippi	41,344	.0	.0	.2	27.6	27.3	.1	27.4	.2	.0	.2	.7	.7
Missouri	73,028	.0	.0	.2	18.8	22.1	.1	21.8	1.0	.9	.2	1.9	2.5
Montana	11,142	-	.4	.0	9.6	11.2	3.5	14.4	.2	.1	.1	.3	.6
Nebraska	23,243	-	.0	.0	12.4	12.9	1.8	14.1	.1	.0	.0	.2	.4
Nevada	25,056	-	.0	.7	23.0	23.4	.3	22.5	1.9	.4	.5	2.0	6.5
New Hampshire	14,665	.0	.0	.1	8.7	9.5	3.6	12.2	.7	.1	.3	2.0	2.7
New Jersey	114,828	.1	.1	.4	9.9	11.1	.7	10.6	3.8	1.9	.9	5.6	8.0
New Mexico	26,920	.0	.0	1.0	26.9	26.4	.0	26.4	3.4	.6	.3	3.7	4.6
New York	271,369	.1	.1	.4	18.8	18.9	11.4	27.6	3.2	1.1	.3	8.2	5.5
North Carolina	101,592	-	.0	.0	18.4	18.4	.0	18.4	.2	.0	.1	.5	.6
North Dakota	8,476	-	-	.0	9.4	10.7	1.4	11.9	.2	.0	.1	.5	.5
Ohio	154,064	.0	.0	.3	13.5	13.9	.2	12.0	.4	.0	.1	1.1	1.3
Oklahoma	45,672	-	.0	.1	17.4	19.6	.1	19.5	3.2	.5	2.7	8.1	9.2
Oregon	42,811	-	.7	.1	14.5	5.6	.1	5.8	.8	.0	.0	.3	.5
Pennsylvania	151,850	.0	.0	.7	6.7	2.9	.2	2.3	2.0	.1	.2	1.9	2.2
Rhode Island	12,776	-	-	.2	14.8	15.3	13.9	24.7	2.6	2.0	.5	7.7	8.4
South Carolina	50,926	.0	.0	.2	30.9	31.0	.1	30.7	3.5	.1	.1	.8	1.1
South Dakota	10,475	-	.1	2.7	10.4	11.1	.1	12.8	.3	.0	.1	.6	.6
Tennessee	73,173	-	.0	.1	16.6	16.6	.0	16.6	.2	.0	.2	1.3	1.5
Texas	322,753	.0	.0	.4	16.6	16.5	.2	16.4	1.1	1.9	.6	2.8	5.5
Utah	39,577	.0	.0	.1	8.6	9.0	.2	5.7	1.6	.6	.1	.6	.6
Vermont	6,783	-	-	.0	4.5	5.2	5.6	9.5	2.2	.2	.1	2.7	1.1
Virginia	92,578	.0	.0	.1	20.0	20.3	.1	20.0	.5	.3	.1	.7	1.1
Washington	77,228	.0	.0	.5	13.4	12.2	3.4	13.8	10.3	3.9	1.3	7.5	11.3
West Virgin	21,162	-	-	.1	14.0	17.2	.0	17.1	.6	.1	.2	3.3	2.6
Wisconsin	67,479	.0	-	.0	17.5	27.0	.0	27.0	.1	.0	.0	.2	.3
Wyoming	6,261	-	.0	.1	13.1	13.7	.1	13.4	.3	.1	.0	.4	.3
Puerto Rico	63,419	.0	.0	-	2.6	...	...	...	.4	.0	.1	.5	.2
Virgin Islands	2,032	-	.3	-	26.4	27.0	1.3	26.7	2.1	.8	1.4	.6	3.2
Guam	4,179	-	.3	.4	27.6	27.8	.4	27.3	1.2	.9	.6	3.3	3.7

Table A. Percent of Birth Records on Which Specified Items Were Not Stated: United States and Each State, Puerto Rico, Virgin Islands, and Guam: 1995
(Page 2 of 2)
[By place of residence]

Area	Number of births	Birth weight	5-minute 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
Total of reporting areas 1/	3,899,589	0.1	0.7	1.2	1.5	1.6	9.0	0.8	1.0	0.7	1.3	1.6
Alabama	60,329	0.1	0.3	0.3	0.4	0.5	5.9	0.3	0.3	0.1	0.5	0.0
Alaska	10,244	.3	.7	.2	.5	.6	2.2	.1	.1	.3	.2	.2
Arizona	72,463	.2	.5	.0	.5	.5	13.4	.0	.0	.3	.0	.4
Arkansas	35,175	.2	3.9	.6	.7	.8	7.3	.4	.6	.7	.6	1.0
California	552,045	.0	---	.0	...	...	...	.0	.1	.0	.1	.1
Colorado	54,332	.0	.4	.0	.8	.7	6.7	.0	.0	.0	.0	.1
Connecticut	44,334	.0	4.2	13.5	11.6	11.6	27.6	12.5	13.8	7.9	20.1	21.9
Delaware	10,266	.0	.3	.0	.2	.2	1.2	.0	.0	.0	.0	.1
District of Columbia	9,014	.2	.6	.0	.5	.5	11.4	.0	-	.0	.0	.0
Florida	188,723	.0	.3	.0	.1	.1	4.3	.0	.0	.4	.0	.0
Georgia	112,282	.0	.4	.5	.3	.3	4.9	.1	.0	.1	.0	.0
Hawaii	18,595	.5	1.8	1.1	.2	.2	12.4	.1	1.1	1.4	1.3	1.2
Idaho	18,035	.1	.6	5.3	.6	.9	13.1	5.1	5.3	.3	5.8	5.8
Illinois	185,812	.0	.3	.1	1.0	.2	4.9	.1	.0	.3	.1	.1
Indiana	82,835	.3	.6	.3	...	.5	3.4	.2	.2	.3	.4	.2
Iowa	36,810	.0	.6	.2	1.8	2.1	5.6	.1	.1	.4	.2	.2
Kansas	37,201	.0	.3	3/1.5	1.6	1.6	.8	3.7	1.4	3.1	1.4	1.4
Kentucky	52,377	.1	.4	4.7	3.7	3.5	7.4	3.2	4.9	3.5	5.4	4.9
Louisiana	65,641	.0	.3	.1	.3	1.0	6.0	.1	.1	.1	.1	.1
Maine	13,896	.2	.5	.5	2.8	3.7	2.6	.2	.4	.6	.7	.6
Maryland	72,396	.1	.5	.0	2.9	3.1	13.0	.0	.1	.2	.1	.2
Massachusetts	81,648	.2	.3	.6	.3	3.0	.8	.4	.6	.4	6/1.0	.9
Michigan	134,642	.3	.7	.2	1.5	1.2	8.3	.2	.2	.7	.3	.2
Minnesota	63,263	.1	.8	4.8	4.3	4.5	16.1	2.7	4.0	2.5	5.5	5.8
Mississippi	41,344	.1	.6	.2	.4	.4	5.9	.2	.2	.2	.2	.2
Missouri	73,028	.0	.6	.1	.7	.7	3.7	.1	.1	.4	.1	.1
Montana	11,142	.1	.4	.1	.5	.5	1.0	.1	.1	.3	.1	.1
Nebraska	23,243	.0	.1	.0	1.0	1.0	1.4	.0	.0	.2	6/.0	.0
Nevada	25,056	.0	2.9	.9	1.3	1.5	9.9	.3	.9	.7	1.9	2.0
New Hampshire	14,665	.3	.4	.1	.1	.4	4.6	.1	.1	.2	.1	.1
New Jersey	114,828	.4	.5	.9	1.4	1.3	18.4	.7	.9	.5	2.5	4.2
New Mexico	26,920	.2	3.1	.1	.7	.7	8.8	.0	.0	.5	.0	...
New York	271,369	.1	1.2	3.6	8/5.7	3.1	17.2	2.5	3.1	.9	7/2.7	8/9.3
North Carolina	101,592	.1	.4	.0	.1	.1	3.0	.0	.0	.3	.0	.0
North Dakota	8,476	.1	.3	.5	.9	1.0	1.7	.1	.5	.2	.6	.6
Ohio	156,064	.1	.4	.1	.6	.4	4.4	.2	.2	.4	.2	.3
Oklahoma	45,672	.6	4.2	25.2	20.0	20.4	30.7	22.3	25.5	18.8	30.3	31.0
Oregon	42,811	.0	.5	.7	.5	.6	2.8	.0	.0	.2	.0	.0
Pennsylvania	151,850	.1	.4	.1	.5	.2	4.3	.0	.1	.3	.3	.4
Rhode Island	12,776	.2	.6	4.9	1.8	2.0	8.1	4.8	4.9	.3	12.9	13.3
South Carolina	50,926	.0	.4	.0	.2	.2	1.8	.0	.0	.4	.0	.0
South Dakota	10,475	.1	.4	.2	...	...	2.3	.2	.2	.2	.3	.3
Tennessee	73,173	.1	.4	.1	.3	.3	3.2	.0	.1	.5	.1	.1
Texas	322,753	.1	...	5/1.6	.3	.4	10.6	.1	9/.1	.5	6/.1	.1
Utah	39,577	.1	.9	.2	.2	.2	1.9	.0	.1	.2	.3	.6
Vermont	6,783	.1	.4	.1	.7	1.7	1.5	.1	.1	.1	.1	.2
Virginia	92,578	.1	.3	.1	.2	.3	5.2	.1	.1	.4	.8	.1
Washington	77,228	.2	.4	.1	2.8	9.5	17.2	.1	.1	.3	.1	.1
West Virginia	21,162	.0	.2	.4	.9	3.2	7.1	.2	.5	.2	.9	.6
Wisconsin	67,479	.0	.5	.1	.1	.1	1.2	.0	.1	.1	10/.1	.1
Wyoming	6,261	-	.5	.0	1.1	1.2	1.6	.0	.0	.1	.0	.1
Puerto Rico	63,419	.0	.3	.1	.0	.0	.2	.1	.1	.0	.0	.0
Virgin Islands	2,032	.4	3.5	28.9	2.0	2.3	15.6	12.0	27.5	4.4	31.7	31.5
Guam	4,179	.3	1.7	2.1	2.7	3.0	25.6	2.3	2.9	2.5	2.2	2.1

1/ Excludes data for Puerto Rico, Virgin Islands, and Guam.
2/ California reports date last normal menses began but does not report clinical estimate of gestation.
3/ Kansas does not report Rh sensitization.
4/ New York city (but not New York State) reports tobacco use.
5/ Texas does not report genital herpes and uterine bleeding.
6/ Massachusetts, Nebraska, and Texas do not report birth injury.
7/ New York city does not report assisted ventilation less than 30 minutes and assisted ventilation of 30 minutes or more.
8/ New York State (but not New York city) reports congenital anomalies.
9/ Texas does not report anesthetic complications and fetal distress.
10/ Wisconsin does not report fetal alcohol syndrome.

Area	Occurrence	Residence
Total	3,903,012	3,903,012
United States	3,903,012	3,899,589
Alabama	59,518	60,329
Alaska	10,127	10,244
Arizona	72,363	72,463
Arkansas	33,644	35,175
California	552,322	552,045
Colorado	54,569	54,332
Connecticut	44,250	44,334
Delaware	10,770	10,266
District of Columbia	16,198	9,014
Florida	188,966	188,723
Georgia	113,165	112,282
Hawaii	18,635	18,595
Idaho	17,700	18,035
Illinois	182,635	185,812
Indiana	82,740	82,835
Iowa	36,869	36,810
Kansas	35,527	37,201
Kentucky	50,858	52,377
Louisiana	65,812	65,641
Maine	13,690	13,896
Maryland	67,901	72,396
Massachusetts	82,647	81,648
Michigan	133,273	134,642
Minnesota	63,044	63,263
Mississippi	40,720	41,344
Missouri	75,981	73,028
Montana	11,049	11,142
Nebraska	23,551	23,243
Nevada	24,672	25,056
New Hampshire	14,158	14,665
New Jersey	111,887	114,828
New Mexico	26,607	26,920
New York State only	141,287	145,316
New York city only	131,009	126,053
North Carolina	102,163	101,592
North Dakota	9,736	8,476
Ohio	154,996	154,064
Oklahoma	44,722	45,672
Oregon	44,609	42,811
Pennsylvania	152,776	151,850
Rhode Island	13,787	12,776
South Carolina	49,105	50,926
South Dakota	10,632	10,475
Tennessee	77,899	73,173
Texas	326,587	322,753
Utah	40,535	39,577
Vermont	6,448	6,783
Virginia	90,594	92,578
Washington	75,678	77,228
West Virginia	22,181	21,162
Wisconsin	66,565	67,479
Wyoming	5,855	6,261

Area	Occurrence	Residence
Foreign Residents	-	3,423
Puerto Rico	-	21
Virgin Islands	-	27
Guam	-	14
Canada	-	107
Cuba	-	5
Mexico	-	2,645
Remainder of world	-	604

Vol. 45, No. 11, Supplement • June 10, 1997

Monthly Vital Statistics Report

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

Report of Final Natality Statistics, 1995

Stephanie J. Ventura, A.M.; Joyce A. Martin, M.P.H.; Sally C. Curtin, M.A.;
and T. J. Mathews, M.S., Division of Vital Statistics

Abstract

Objectives—This report presents 1995 data on U.S. births according to a wide variety of characteristics. Data are presented for maternal demographic characteristics including age, live-birth order, race, Hispanic origin, marital status, and educational attainment; maternal lifestyle and health characteristics (medical risk factors, weight gain, and tobacco and alcohol use); medical care utilization by pregnant women (prenatal care, obstetric procedures, complications of labor and/or delivery, attendant at birth, and method of delivery); and infant health characteristics (period of gestation, birthweight, Apgar score, abnormal conditions, congenital anomalies, and multiple births). Also presented are birth and fertility rates by age, live-birth order, race, Hispanic origin, and marital status. Selected data by mother's State of residence are shown, as well as data on month and day of birth, sex ratio, and age of father. Trends in fertility patterns and maternal and infant characteristics are described and interpreted.

Methods—Descriptive tabulations of data reported on the birth certificates of the 3.9 million births that occurred in 1995 are presented.

Results—Birth and fertility rates generally declined in 1995. Birth rates for teenagers fell 3 to 4 percent, with larger reductions reported for black teenagers. Rates for women in their twenties declined slightly while rates for women in their thirties rose modestly. The number and rate of births to unmarried women declined in 1995; however, about two-thirds of the decline in the number is due to changes in the reporting of marital status in California. Smoking by pregnant women dropped again and improvements in prenatal care utilization continued. The cesarean delivery rate declined. Key measures of birth outcome, however—the percents of low birthweight and preterm births—were unchanged. The proportions of multiple births, especially triplets, continued to rise.

Keywords: birth certificate • maternal and infant health • birth rates • maternal characteristics

Highlights

Births in the United States declined in 1995 for the fifth consecutive year, to 3,899,589. The 1995 total is 1 percent lower than in 1994 (3,952,767), and 6 percent below the 1990 total (4,158,212), the most recent high point. The **birth rate** dropped 3 percent in 1995, 14.8 births per 1,000 total population; this rate has dropped 11 percent during the 1990–95 period. The **fertility rate** declined 2 percent to 65.6 births per 1,000 women aged 15–44 years. This rate fell 7 percent from 1990 (70.9 per 1,000) to 1995.

Birth rates for teenagers declined 3 to 4 percent in 1995, to 36.0 per 1,000 women aged 15–17 years and 89.1 per 1,000 women aged 18–19 years. The overall rate for teenagers was 56.8 per 1,000, 4 percent lower than in 1994 (58.9). While declines were observed for all racial and Hispanic origin groups, the largest decline—8 percent overall—was reported for black teenagers. Birth rates for all teenagers declined 6 to 7 percent during the 1990's. Recent declines in abortion rates combined with these reductions in birth rates for teenagers indicate that the

Acknowledgments

This report was prepared under the general direction of Kenneth G. Keppel, Acting Chief of the Reproductive Statistics Branch. Nicholas F. Pace, Chief of the Systems, Programming, and Statistical Resources Branch (SPSRB), and Manju Sharma, Jordan Sacks, and Gail Parr of SPSRB provided computer programming support and statistical tables. Thomas D. Dunn of SPSRB provided content review. Staff of the Data Acquisition and Evaluation Branch carried out quality evaluation and acceptance procedures for the State data files on which this report is based. The Registration Methods staff of the Division of Vital Statistics consulted with State vital statistics offices regarding the collection of birth certificate data. This report was edited by Demarius V. Miller and typeset by Jacqueline M. Davis of the Publications Branch, Division of Data Services.

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

CENTERS FOR DISEASE CONTROL AND PREVENTION

teenage pregnancy rate has continued to fall in the 1990's.

Birth rates for women in their twenties declined 1 percent each for ages 20–24 years (to 109.8 per 1,000) and 25–29 years (112.2). Each of these rates in 1995 was lower than for any year since 1987; rates for women in their twenties declined 6 to 7 percent during the period 1990–95.

Birth rates for women in their thirties rose 1 percent for ages 30–34 years (to 82.5) and 2 percent for ages 35–39 years (to 34.3). The pace of increase in these rates, which had jumped 54–67 percent during the 1980's, has slowed considerably during the 1990's.

Birth rates for women in racial and Hispanic origin populations differ substantially. Rates continue to be highest for Hispanic women (especially Mexican American women) and black women. Rates are successively lower for American Indian, Asian or Pacific Islander, and non-Hispanic white women. Rates for teenagers were highest for Mexican American, Puerto Rican, and black women. Rates for women in their thirties were highest for Asian or Pacific Islander and non-Hispanic white women. Fertility rates for women in most racial and Hispanic origin groups declined in 1995.

The birth rate for unmarried women declined 4 percent in 1995 to 45.1 births per 1,000 unmarried women aged 15–44 years (compared with 46.9 in 1994). The procedures for determining the mother's marital status changed significantly in California for Hispanic-origin births and in Nevada for all births in 1995. While it is not possible to quantify the impact of these changes for all groups, birth rates for non-Hispanic white women and black women were essentially unaffected. The rate for non-Hispanic white women declined 1 percent and the rate for black women fell 8 percent.

Cigarette smoking during pregnancy declined in 1995 to 13.9 percent of women giving birth. Tobacco use during pregnancy has declined steadily since 1989. Smoking rates fell for women in most racial and Hispanic origin populations, with rates for Hispanic women and women in most Asian or Pacific Islander populations substantially lower (3 to 4 percent on average) than for other groups. Maternal smoking has a strong adverse effect on infant birthweight. In 1995, 12.2 percent of infants born to smokers weighed less than 2,500 grams (5 lb 8 oz), compared with 6.8 percent of births to nonsmokers.

The percent of mothers who began **prenatal care** within the first trimester of pregnancy improved to 81.3 percent for 1995, and the proportion of mothers with late or no care dropped to 4.2 percent. Timely care has been on the rise throughout the 1990's, rising from 75.8 percent in 1990. Levels of first trimester care increased between 1994 and 1995 among white (83.6 percent), black (70.4 percent), and Hispanic mothers (70.8 percent).

The rate for the most prevalent **obstetric procedure**, electronic fetal monitoring, rose for the sixth consecutive year to include 81 percent of all births. The use of ultrasound was the same as in 1994 (61 percent). Although less common than the former two procedures, the rates for induction of labor and stimulation of labor have been rising steadily every year since they were first reported on the birth certificate in 1989.

Data on **method of delivery** show that the rate of cesarean delivery declined for the sixth consecutive year and was 9 percent lower in 1995 (20.8 percent) than in 1989 (22.8 percent). The primary cesarean rate was also 9 percent lower in 1995 (14.7 first cesareans per 100 women who had no previous cesarean) than in 1989 (16.1). The rate of vaginal birth following a previous cesarean delivery (VBAC) was 46 percent higher in 1995 (27.5) than in 1989 (18.9). Overall cesarean rates increase steadily with advancing age of mother and were more than twice as high for mothers 40–49 years of age (31.6) than for teenagers (14.7). The percent of births delivered by forceps continued to decline (3.5 percent in 1995) while the use of vacuum extraction rose (5.9 percent in 1995).

The rate of **preterm birth** (less than 37 completed weeks of gestation) was unchanged at 11.0 percent. This proportion has risen 17 percent (from 9.4 percent) since 1981. Preterm births increased among white mothers (9.6 to 9.7 percent), but declined among black mothers to the lowest level reported since the mid 1980's (17.7 percent).

The percent **low birthweight** was 7.3 for 1995, the same level reported for 1994—the highest reported since 1976. Low birthweight (less than 2,500 grams) increased among white mothers from 6.1 to 6.2 percent. Low birthweight among white births has increased since 1990 from 5.7 percent. Among births to black mothers, low birthweight declined from 13.2 to 13.1 percent for 1994–95, continuing a downward trend observed since 1992.

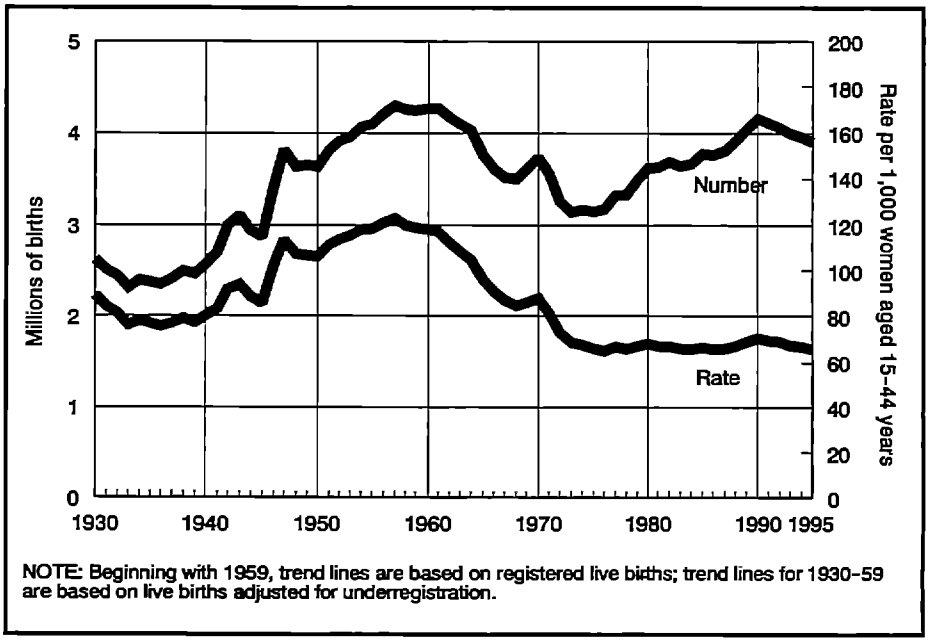
The number of twin births declined very slightly for 1995 to 96,736 births, but the number of triplet and other higher order multiple births rose by 8 percent, to 4,973 births. As a result, the **multiple birth ratio** rose to 26.1 per 1,000 live births and the triplet and other higher order multiple birth ratio rose 10 percent to 127.5 per 100,000, double the ratio reported for 1989 (69.2).

Introduction

This report, the annual release of national birth statistics, presents detailed data on births, birth and fertility rates, maternal lifestyle and health characteristics, medical services utilization by pregnant women, and infant health characteristics. These data provide important information on fertility patterns among American women by such characteristics as age, live-birth order, race, Hispanic origin, marital status, and educational attainment. Up-to-date information on these fertility patterns is critical to understanding population growth and change in this country and in individual States. Data on maternal characteristics affecting birth outcome such as weight gain, tobacco and alcohol use, and medical risk factors are useful in accounting for differences in birth outcome. Information on use of prenatal care, obstetric procedures, complications of labor and/or delivery, attendant at birth and place of delivery, and method of delivery by maternal demographic characteristics can also help to explain differences in birth outcomes. It is very important that data on birth outcomes, especially levels of low birthweight and preterm birth, be continuously monitored, because these variables are

important predictors of infant mortality and morbidity. Reports presenting information on maternal and infant characteristics available since the birth certificate was revised in 1989 have been published (1–9).

A report of preliminary birth statistics for 1995 presented data on selected topics based on a substantial sample (about 90 percent) of the 1995 birth file (10). The selected measures included birth rates by age, race, and Hispanic origin of mother, and by live-birth order, and summary national and State data on marital status, prenatal care, cesarean delivery, and low birthweight. Findings based on the complete file in this report are essentially identical with data based on the preliminary series, thus validating the preliminary statistics.



NOTE: Beginning with 1959, trend lines are based on registered live births; trend lines for 1930–59 are based on live births adjusted for underregistration.

Figure 1. Live births and fertility rates: United States, 1930–95

Methods

Data shown in this report are based on 100 percent of the birth certificates registered in all States and the District of Columbia. More than 99 percent of births occurring in this country are registered (11). Tables showing data by State also provide separate information for Puerto Rico, Virgin Islands, and Guam. In this report, tabulations of births beginning with 1980 data are by race of mother; for years prior to 1980, tabulations are by race of child. Details of the differences in tabulation procedure are described in the Technical notes. Race and ethnicity differentials in birth rates and characteristics of births may reflect differences in income, educational levels, access to health care, and health insurance. Text references to black births and black mothers or white births and white mothers are used interchangeably. Additional information on the measurement of marital status, gestational age, and birthweight; the computation of derived statistics and rates; population denominators; random variation and relative standard error; and the definitions of terms are presented in the Technical notes.

Results and discussion

Demographic characteristics

Births and birth rates

Births in the United States continued to decline in 1995, to 3,899,589, 1 percent fewer than in 1994. U.S. births dropped 6 percent between 1990, the recent high point (4,158,212), and 1995 (table 1 and figure 1). The 1995 total is lower than in any year since 1987. Provisional data for the first 11 months of 1996 suggest a slight increase in the number. Births declined about 1 percent per year from 1990 to 1995, following increases of about 3 percent per year between 1986 and 1990.

The birth rate in 1995 was 14.8 live births per 1,000 population, 3 percent lower than in 1994 (15.2). The 1995 rate is the lowest recorded in nearly two decades (14.6 in 1976). The U.S. birth rate dropped 11 percent between 1990 and 1995, about 2 percent per year, following a 2 percent annual increase during 1986–90. According to provisional data for January–November 1996, the birth rate declined slightly.

The fertility rate, which relates births to the number of women in the childbearing ages, was 65.6 live births per 1,000 women aged 15–44 years in 1995, 2 percent below the 1994 level. This rate fell 7 percent between 1990 and 1995, following an 8 percent rise during 1986–90. The fertility rate for 1995 was lower than for any year since 1986 (65.4). Provisional data for January–November 1996 indicate essentially no change compared with 1995.

Age of mother—Birth rates by age of mother fell 1 to 4 percent for women aged 15–29 years, and rose by 1 to 3 percent for women in age groups 30–44 years. The rate for women aged 45–49 years did not change. (See tables 2–7 and figure 2 for births and birth rates by age of mother, live-birth order, race, and Hispanic origin.)

The birth rate for young teenagers 10–14 years declined from 1.4 to 1.3 per 1,000, the first reduction for this age group since 1980. During the years 1980–94, the rate rose very slowly from 1.1 to 1.4 per 1,000.

The rate for teenagers 15–19 years fell 4 percent to 56.8 per 1,000. This rate declined steadily by 9 percent from its recent high in 1991 (62.1) to 1995. Despite the recent declines, the rate for 1995 is still considerably higher than it was during the early to mid-1980's (50–53 per 1,000) (table 4). The increases beginning in the late 1980's were substantial—24 percent from 1986 to 1991. According to a recent report, teenage birth rates for most States declined in the 1990's, concurrent with the decline in the U.S. rate (12).

Birth rates for teenage subgroups 15–17 and 18–19 years also dropped between 1994 and 1995. The rate for teenagers 15–17 years fell 4 percent, from 37.6 to 36.0 per 1,000. Between 1991 and 1995, this rate fell by 7 percent. However, the rate for 1995 was still higher than during the period 1976–88 when it

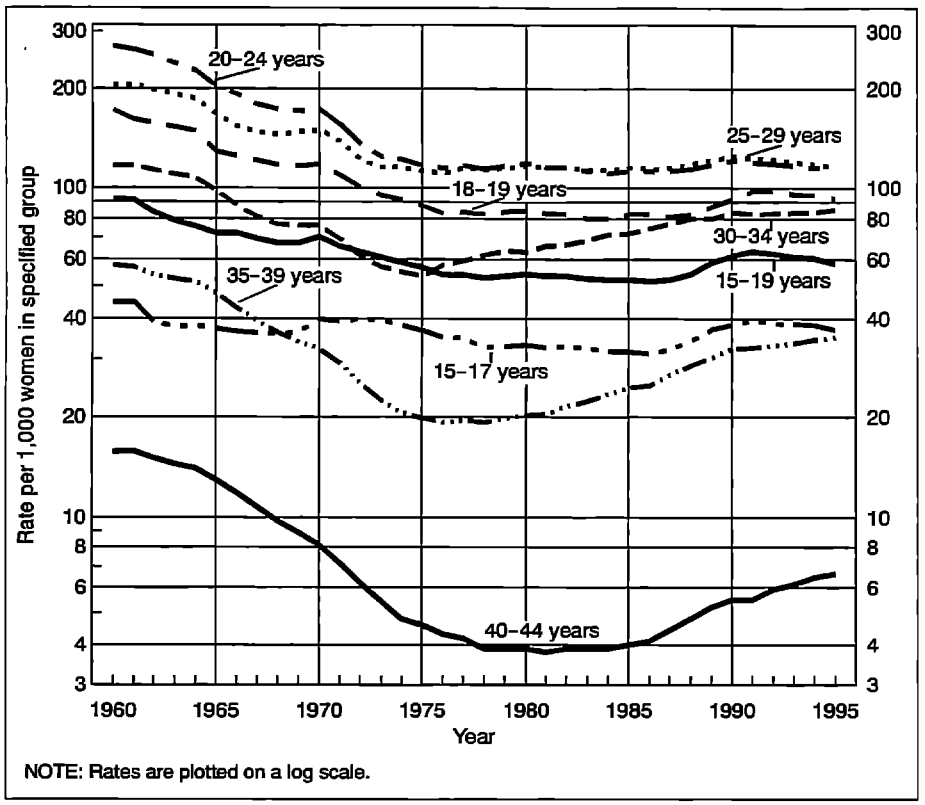


Figure 2. Birth rates by age of mother: United States, 1960–95

ranged from 31 to 34. The number of births to 15–17-year-olds fell 1 percent, to 192,508. This decline resulted from the 4 percent decline in the birth rate which more than compensated for the 3 percent increase in the number of teenagers in this age group (13). In order for the number of births to continue to decline in the next several years, the birth rate will have to continue to decline more than enough to compensate for the projected 7 percent increase in the number of women aged 15–17 between 1995 and 2000 (14).

The birth rate for older teenagers 18–19 years declined 3 percent, from 91.5 to 89.1 per 1,000. During the period 1992–95, this rate fell 6 percent. Still the rate for 1995 was higher than in any year from 1974 to 1990 (table 4). During those years, the rate ranged from 77.4 to 88.7 per 1,000. The number of births to women aged 18–19 years declined 1 percent between 1994 and 1995—to 307,365. During the period 1990–95, the number dropped 9 percent (12). The 1994–95 decline is the result of the 3-percent drop in the birth rate which more than offset the 2-percent increase in the number of women in that age group (13). However, as is the case for younger teenagers, the number of older teenagers is also projected to grow—by 14 percent between 1995 and 2000 (14). Thus, further declines in the number of births to women aged 18–19 will depend on continued declines in the birth rate that make up for the increased number of women.

Birth rates for women aged 20–24 and 25–29 years—the principal childbearing ages— fell by 1 percent each in 1995, to 109.8 and 112.2 per 1,000, respectively. Each of these rates in 1995 was lower than in any year since 1987. Birth rates for women in their twenties dropped 6 to 7 percent between 1990 and 1995. Except for a brief spurt in the late 1980's when these rates rose 8 to 9 percent, rates for women in their twenties were relatively stable from the mid-1970's to the early 1990's.

Birth rates for women aged 30 years and over have been the only ones for which sustained substantial increases have been measured since the late 1970's. However, the pace of increase in these rates slowed considerably during the 1990's. The birth rate for women aged 30–34 years increased 1 percent in 1995, to 82.5 per 1,000. Between 1990 and 1995, this rate rose just 2 percent, following a 15-year period of substantial steady increase of 54 percent (from 52.3 in 1975 to 80.8 in 1990). Because the rate increased so modestly in 1995 and the number of women aged 30–34 fell 1 percent, the number of births in this age group fell slightly. The number of women aged 30–34 years is projected to decline further in the next few years—by 11 percent between 1995 and 2000 (14). Therefore, without a larger increase in the birth rate, the number of births will likely decline further.

The birth rate for women aged 35–39 years rose 2 percent—from 33.7 to 34.3 per 1,000. The pace of increase in this rate has also slowed markedly in the 1990's—just 8 percent between 1990 and 1995, following a 67-percent rise from 1978 (19.0) to 1990 (31.7). Because the birth rate rose 2 percent and the number of women aged 35–39 increased 1 percent, the number of births in this age group rose 3 percent in 1995 to a record high 383,745.

The birth rate for women in their early forties increased 3 percent in 1995, to 6.6 per 1,000 women aged 40–44 years. This rate rose 20 percent between 1990 (5.5) and 1995, and increased 74 percent during 1981–95. The number of women aged 40–44 years continued to rise—by 3 percent (13,15). Increases in the birth rate and the number of women combined to produce a 6-percent rise in the number of births—to 67,250, more than in any year since 1966.

The declines in birth rates for teenagers since 1991 likely reflect a combination of demographic and behavioral factors. According to the 1995 National Survey of Family Growth (NSFG), the proportion of teenagers who are sexually experienced has stabilized and declined compared with the 1988 NSFG. Furthermore, those teenagers who are sexually active are now more likely to be using contraceptives (16).

Teenage pregnancy rates have also declined in recent years. That is, the recent declines in the teenage birth rate have been accompanied by declines in the abortion rate (17). The pregnancy rate for 15–19-year-olds fell 3 percent from 1991 (115 per 1,000) to 1992 (111), following a 10-percent rise between 1986

and 1990–91 (9,18). Further declines in the teenage pregnancy rate since 1992 are indicated by the steady decline in the teen birth rate and declines in abortions among teenagers, according to preliminary data (17,19).

The accelerated pace of increase in birth rates for women aged 30 years and over observed from the mid- to late-1970's until 1990 has slowed markedly in the 1990's, especially for women aged 30–34 years (table 4) (20). Changes in a number of factors have contributed to this moderation. One is the stabilization in the proportion of women in their early thirties who are childless. This proportion approximately doubled between the early 1970's (21) and 1990, but has remained at 20 percent since. Moreover, the proportions of currently married childless women who report that they expect to have a child fell in the 1990's, probably a reflection of changing perceptions as to whether their expectations can be realized (22). About 40 percent of currently childless women aged 35–44 years have impaired fertility according to the 1995 NSFG (16). This fact may explain the recent changes in birth expectations and birth rates.

Live-birth order—The first birth rate fell 1 percent in 1995, to 27.3 first births per 1,000 women aged 15–44 years, the lowest level reported since 1987. This rate fell 6 percent between 1990 (29.0) and 1995. Rates for second and third order births fell 2 percent between 1994 and 1995, while the rate for fourth births declined 5 percent. Rates also declined for fifth and sixth-seventh order births and did not change for eighth and higher order births.

First birth rates declined for women in age groups 15–24 years, and rose for women in age groups 25–44 years. The first birth rate for teenagers 15–17 years declined 4 percent, while the rate for older teenagers declined 1 percent. Changes in first birth rates for women in their twenties were 1 percent or less. Rates for women aged 30–34 and 35–39 years each rose 3 percent. Consistent with these changes by age in first birth rates and changes in the number of women by age, the proportion of first births occurring to women aged 30 years and over rose to a record 22 percent in 1995, compared with 5 percent in 1975 (20).

Birth rates for second births for teenagers declined in 1995, by 4 to 9 percent. Rates for second and third order births declined 1 to 3 percent for women in their twenties, while rates for fourth and fifth order births dropped 4 to 8 percent. Rates for second and third order births for women in their thirties rose modestly. Higher order birth rates for women in their thirties declined up to 6 percent or were unchanged. There was no change in these rates for women in their forties.

Race—The number of births declined 1 percent each for white and American Indian mothers, and 5 percent for black mothers. A 2-percent increase was recorded for Asian or Pacific Islander (API) mothers. Fertility rates for white and API women declined 1 percent each to 64.4 and 66.4, respectively. The rate for black women declined 6 percent to 72.3, and the rate for American Indian women dropped to 69.1. The range in these rates in 1995 was the smallest measured since 1980, when rates for API and American Indian women first became available. The highest rate in 1995 (for black women) was only 12 percent greater than the lowest rate (white women). (See tables 1–9 for national and State data.)

Between 1990 and 1995, fertility rates by race declined 5 to 6 percent for white and API women, 9 percent for American Indian women, and 17 percent for black women. Parallel reductions were also observed in the numbers of births in each of these groups, except for API women, among whom there was a 13-percent increase in births. The number of API births rose sharply during this period because the number of API women in the childbearing ages increased 19 percent (13).

There is a distinctive pattern in age-specific birth rates by race. In the teenage years, rates for black and American Indian women are substantially higher than for white and API women; the disparity is greatest for younger teenagers 10–14 and 15–17 years. For example, among teenagers 15–17 years, rates in 1995 for American Indian and black teenagers (48–70 per 1,000) were 59–353 percent higher than the rates for API and white teenagers of the same age (15–30 per 1,000). Rates by race converge most at ages 25–29 years, with a range of 98–115 per 1,000. With advancing maternal age, the patterns of rates shift, so that rates begin to be highest for white and API women.

Although birth rates for black teenagers continue to be higher than for other racial groups, in recent years, these rates have fallen more sharply than for any other group. During the period 1991–95, the rate for black women aged 15–19 years dropped 17 percent; declines for teenage subgroups 15–17 and 18–19 years were 17 and 14 percent, respectively. Birth rates for black teenagers in 1995 were lower than in nearly a decade (table 4).

It is evident that the high birth rates—especially first birth rates—for white and API women in their thirties reflect a pattern of delayed childbearing. First birth rates for API women aged 30–34 and 35–39 years were at least two-thirds higher than for any other group. Additional evidence of this pattern is the dramatically low proportions of births to API teenagers—6 percent on average—compared with 12–23 percent for other racial groups (table 10). Evidence of delayed childbearing for several API subgroups has been reported previously (23,24). Unfortunately, the populations necessary to compute birth rates for specific API subgroups, including those in the "other API" category, are available only in census years.

Hispanic origin—The fertility of Hispanic women as a group decreased 1 percent between 1994 and 1995, from 105.6 to 105.0 per 1,000 women aged 15–44 years. The rate for Mexican American women rose 1 percent (from 115.4 to 117.0), whereas rates for Cuban and "other" Hispanic women declined 1 to 3 percent (from 55.9 to 55.1 and from 97.7 to 94.5, respectively). The rate for Puerto Rican women dropped 8 percent (from 81.9 to 75.7). (See tables 6,7,9, and 11 for births and birth rates.)

Birth rates by age for women 15 years and over were higher for Hispanic women overall and for Mexican American women than for either white or black non-Hispanic women. While birth rates for Mexican American teenagers have been somewhat higher than for black

non-Hispanic teenagers in recent years, in 1995, the rates for Mexican American teenagers were substantially higher—25 percent on average. Birth rates by age for Hispanic and non-Hispanic black teenagers were 2.1 to 3.3 times the rates for non-Hispanic white teenagers in 1995 (table A), continuing a pattern observed for several years. This differential in rates by race and Hispanic origin generally declines with advancing maternal age, but rates in each age group are consistently highest for Hispanic women.

The birth rate for Hispanic teenagers as a group declined 1 percent in 1995 (106.7). However, the trends for Hispanic subgroups differed considerably. Rates for Mexican American teenagers rose 7 percent from 116.2 to 124.6 per 1,000 teenagers 15–19 years, while the rate for Puerto Rican teenagers fell 16 percent (from 106.0 to 89.0). Birth rates for Cuban and "other" Hispanic teenagers also declined. The birth rate for Mexican American teenagers rose 15 percent between 1993 (108.7) and 1995.

In general, birth rates for Mexican American women rose for age groups under 25 years and changed relatively little for women aged 25 years and over. Rates for Puerto Rican women under 30 years of age declined whereas rates for women aged 30 years and over changed little. Rates for Cuban women in their twenties increased while rates for women aged 30 years and over were relatively stable.

Total fertility rate—The total fertility rate (TFR) indicates the number of births that a hypothetical group of 1,000 women would have if they experienced during their childbearing years the age-specific birth rates observed in a given calendar year. This hypothetical measure shows the potential impact of current fertility levels on completed family size. The TFR is age-adjusted because it is computed from age-specific birth rates; it assumes the same number of women in each age group.

The TFR in 1995 was 2,019.0, 1 percent lower than in 1994, and 3 percent lower than in 1990 (2,081.0). The TFR continued to fall in 1995 because all rates for women under age 30 years declined—ages where rates are highest; the modest increases in rates for women aged 30 years and over could not compensate for this.

In order for a given generation to exactly replace itself, the TFR must be 2,100. The TFR in the United States has been below this "replacement" level since 1971 (2,266.5). Rates for some racial and/or Hispanic origin groups in 1995 were above replacement level, including Mexican American (3,273.5), "other" Hispanic (2,834.0), Puerto Rican (2,245.5), and non-Hispanic black women (2,245.0) (tables 10–11). Conversely, rates for API (1,924.0), Cuban (1,705.5), and non-Hispanic white women (1,786.5) were considerably lower. The rate for American Indian women was near replacement, at 2,033.5. Consistent with the large declines in birth rates for women under age 30, the TFR's for black and Puerto Rican women declined considerably in 1995, by 5 to 10 percent.

Table A. Birth rates by age and Hispanic origin of mother, and by race of mother for mothers of non-Hispanic origin: United States, 1995

[Rate per 1,000 women in specified group]

Age of mother	Total	Hispanic[1]	Non-Hispanic	
			White	Black
15–44 years[2]	65.6	105.0	57.6	74.5
10–14 years	1.3	2.7	0.4	4.3
15–19 years	56.8	106.7	39.3	99.3
15–17 years	36.0	72.9	22.0	72.1
18–19 years	89.1	157.9	66.1	141.9
20–24 years	109.8	188.5	90.0	141.7
25–29 years	112.2	153.8	106.5	102.0
30–34 years	82.5	95.9	82.0	65.9
35–39 years	34.3	44.9	32.9	29.4
40–44 years	6.6	10.8	5.9	6.1
45–49 years	0.3	0.6	0.3	0.3

[1]Persons of Hispanic origin may be of any race.
[2]Rates computed by relating total births, regardless of age of mother, to women aged 15–44 years.

Births by State

Birth data by race and by Hispanic origin for 1995 are in tables 8 and 9 for the 50 States and the District of Columbia, and Puerto Rico, the Virgin Islands, and Guam. The American Indian, Asian or Pacific Islander (API) and Hispanic populations (and Hispanic subgroups) are highly concentrated geographically. Half of American Indian births in the 50 States and the District of Columbia were to residents of just five States (Alaska, Arizona, California, New Mexico, and Oklahoma), whereas more than half of API births were to residents of California, Hawaii, and New York. Similarly, two-thirds of Hispanic births were to California and Texas residents. Births are also highly concentrated geographically for Hispanic subgroups, Mexican American (California and Texas), Puerto Rican (New York, New Jersey, and Florida), and Cuban (Florida).

Births declined up to 5 percent in 36 States, Puerto Rico, and Guam; 8–9 percent in Vermont and the District of Columbia, and by 14 percent in the Virgin Islands. Increases of up to 5 percent were observed in 13 States.

Birth and fertility rates declined up to 6 percent in 44 States and the District of Columbia, and by 8–9 percent in Vermont. The birth rate was unchanged in Arkansas, Idaho, Nevada, and Oregon, and rose 1 percent in Utah; the fertility rate rose by up to 1 percent in these five States. Birth and fertility rates are not available for Puerto Rico, the Virgin Islands, and Guam.

Sex ratio

There were 1,996,355 male live births in 1995 compared with 1,903,234 female live births. These numbers yielded a sex ratio of 1,049 male per 1,000 female live births (tables 10 and 11), similar to the sex ratio in 1994 (1,048) and similar to ratios over the last 50 years. As in previous years, Asian or Pacific Islander mothers had the highest sex ratio (1,069), followed by white mothers (1,052), American Indian mothers (1,040), and black mothers (1,031). The sex ratio for Hispanic mothers was 1,041, intermediate between non-Hispanic white mothers (1,054) and non-Hispanic black mothers (1,031) (table 11).

Month of birth

Monthly birth rates and fertility rates in 11 months of 1995 were below the rates for the same month observed in 1994. The peak months of occurrence of births in 1995 were July and August (table 12). When the seasonal component is removed from the monthly birth and fertility rates, the underlying trends can be observed. Like the 5 previous years, seasonally adjusted birth and fertility rates for the first half of 1995 were, on average, higher than the rates for the second half of the year. The months of July and August and also March had the lowest seasonally adjusted birth rates in 18 years, while November and December showed the lowest rates since 1976.

Day of the week of birth

Since 1980 when these data were first tabulated, there has been a steady decline in births on Saturdays and Sundays, with a concomitant increase in births on weekdays. Variation in the daily pattern of births can be measured by an index of occurrence. The index is defined as the ratio of the average number of births for a particular day of the week to the average daily number of births for the year, multiplied by 100. In 1995 the Sunday index was 75.2, an indication that there were 24.8 percent fewer births on Sundays than the daily average, considered to be 100.0. The Saturday index was 82.7. As in past years, births occurred most frequently on Tuesdays with an index of 111.3 in 1995.

A weekend deficit is apparent for both vaginal and cesarean deliveries, but is far larger for cesarean deliveries, particularly repeat cesareans (table 13). In 1995 the Sunday index for vaginal births was 80.4, compared with 65.9 for primary, and 38.5 for repeat cesareans.

The growing concentration of births on weekdays in the early and mid-1980's had been attributed to the increasing rate of cesarean deliveries because many cesareans are scheduled on weekdays (25). However, in the late 1980's, the cesarean rate stabilized (26), and since 1989 it has declined. The more recent increase in the weekend deficit can be partly explained by the growing proportion of births that are induced, and the fact that labor is more likely to be induced on weekdays than on weekends. (See section on Obstetric procedures.)

Births to unmarried women

The birth rate for unmarried women in 1995 was 45.1 births per 1,000 unmarried women aged 15–44 years, 4 percent lower than in 1994 (46.9) (tables 14,15). The number of nonmarital births declined 3 percent to 1,253,976 (compared with 1,289,592) and the proportion of all births to unmarried women declined from 32.6 to 32.2 percent. (See table B for data for 1980–95.)

Much of the decline in nonmarital childbearing in 1995 is associated with changes in the reporting of marital status in California, which particularly affected data for Hispanic women; data for non-Hispanic white women and black women were essentially unaffected by these changes. Procedures for identifying the mother's marital status were modified in 1995 to take into account the naming conventions of Hispanic persons in California. Briefly, if the child is given a double surname of the mother's and father's surnames (either entire surnames or portions of the parents' hyphenated surnames), regardless of sequence, and the mother is of Hispanic origin, the mother's marital status is coded as "Married." Changes were also implemented in 1995 in the reporting of marital status for births in Nevada; these changes resulted in a greater number of births being identified as nonmarital. (See Technical notes.) If births for California and Nevada are excluded from the U.S. data, the number of nonmarital births declined 1 percent between 1994 and 1995, and the proportion of births to unmarried women was unchanged. The impact of the reporting changes on the *birth rates* cannot be quantified because the relevant populations by marital status are not available at the State level.

Nonmarital birth rates declined 2 percent for white women (from 38.3 to 37.5 per 1,000), 6 percent for Hispanic women (from 101.2 to 95.0), and 8 percent for black women (from 82.1 to 75.9). While the rate for black women was 4.5 times the rate for white women in 1980, 15 years later this differential had dropped to 2.0. Despite the decline in 1995, the rate for white women in 1995 was more than double the rate in 1980 (18.1); in contrast the rate for unmarried black women dropped 6 percent in this time period (from 81.1).

Birth rates for unmarried women declined for women in all age groups under age 40 years (figure 3 and table 15). Rates fell 4–5 percent for teenagers and women aged 25–29 years. The rate for women aged 20–24 years declined 3 percent, whereas rates for women in their thirties declined 1–2 percent.

Rates for unmarried white women declined 2 percent for women in most age groups, while rates by age for unmarried black women dropped 7–9 percent for women under age 30 years and 3–5 percent for women in their thirties; the rate for unmarried black women aged 40–44 years increased. Birth rates for unmarried Hispanic women dropped 4–6 percent for women under age 30 years and 7–13 percent for women aged 30–44 years. As noted above, the changes in the reporting

Table B. Number, rate, and percent of births to unmarried women: United States, 1980 and 1985–95

Year	Number	Rate[1]	Percent[2]
1995	1,253,976	45.1	32.2
1994	1,289,592	46.9	32.6
1993	1,240,172	45.3	31.0
1992	1,224,876	45.2	30.1
1991	1,213,769	45.2	29.5
1990	1,165,384	43.8	28.0
1989	1,094,169	41.6	27.1
1988	1,005,299	38.5	25.7
1987	933,013	36.0	24.5
1986	878,477	34.2	23.4
1985	828,174	32.8	22.0
1980	665,747	29.4	18.4

[1]Births to unmarried women per 1,000 unmarried women aged 15–44 years.
[2]Percent of all births to unmarried women.

NOTE: See text and Technical notes for discussion of changes in data between 1994 and 1995.

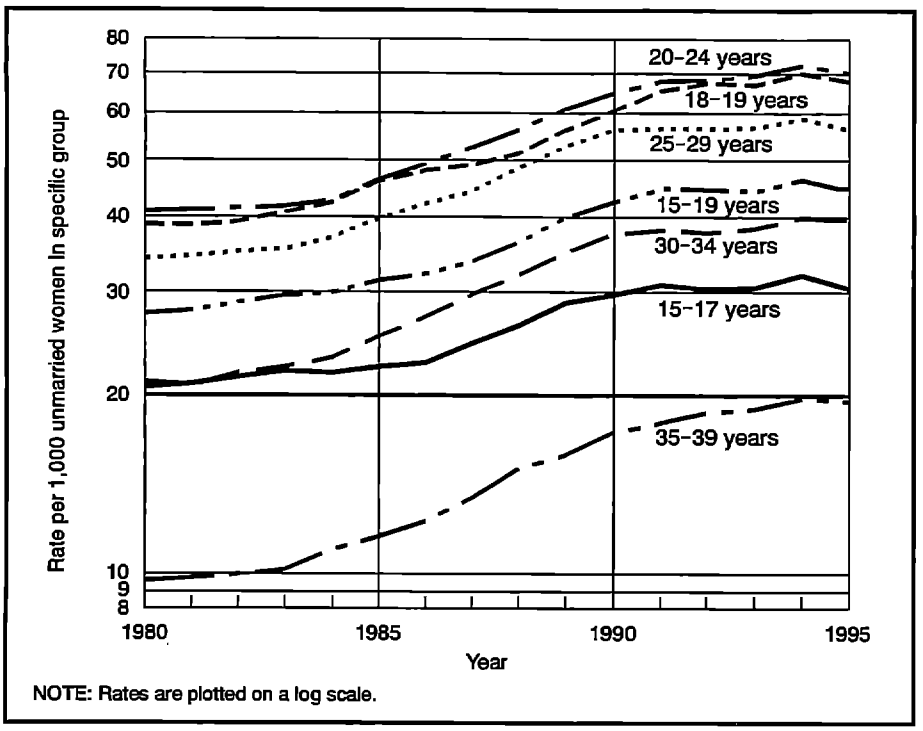


Figure 3. Birth rates for unmarried women, by age of mother: United States, 1980–95

of marital status in California specifically affected Hispanic women; some of the overall decline in the U.S. birth rate for unmarried Hispanic women is a result of the California changes because about 40 percent of U.S. Hispanic births are to California residents.

Birth rates for white women also include births to women of Hispanic origin. Race and Hispanic origin are reported independently on the birth certificate; in 1995 about 91 percent of Hispanic women were reported as white (13). The relatively higher birth rates for Hispanic women thus affect the overall rates and trends for white women. Birth rates for unmarried non-Hispanic white women are available only for 1994 and 1995 because populations for non-Hispanic white women by marital status were not previously available. In general, rates for these women are about 25 percent lower than overall rates for white women in the same age group (table C). Between 1994 and 1995, the birth rate for unmarried non-Hispanic white women declined 1 percent, from 28.5 to 28.2 per 1,000. Rates for non-Hispanic white teenagers declined up to 2 percent. Rates for women in their twenties were unchanged or declined very slightly; increases of up to 2 percent were measured for women in age groups 30 years and over.

Although the overall birth rate for unmarried Hispanic women is 25 percent higher than for black women, this disparity is not observed consistently within age groups. Rates for black teenagers on average were 18 percent higher than for Hispanic teenagers, but the pattern is reversed for women aged 20 years and over, with rates for Hispanic women 17–103 percent higher than for black women. Part of this pattern is linked to the relatively high incidence of cohabitation among Hispanic couples (28). Birth certificate data also provide evidence of this. For example, 43 percent of all births in Puerto Rico were nonmarital in 1995 (table 16), but about three-quarters of these nonmarital births, or 31 percent of all births, were to mothers living with the father of the child. Increases in cohabitation have been reported in the United States in recent years (29,30).

The proportion of all births to unmarried women declined from 32.6 percent in 1994 to 32.2 percent in 1995. In 1995, 25.3 percent of white births, 69.9 percent of black births, and 40.8 percent of Hispanic births were to unmarried mothers (tables 10, 11, and 14). The proportions of nonmarital births are affected not only by the birth rate for unmarried women and the number of unmarried women, but also by the rate for married women. The rate for married women declined very slightly in 1995, but has fallen sharply in recent years to record low levels. The proportion of births to unmarried women declined in 1995—for the first time in 45 years—because the number of births to unmarried women declined more than the number of births to married women (27). Because the nonmarital birth ratio is affected by marital and nonmarital childbearing, it has important analytic limitations. However, it is often the only measure that is available in addition to the number of births, because the population data needed to compute rates are not available for States and cities except in census years.

The proportions of nonmarital births vary widely by race and Hispanic origin (tables 10, 11). Thirty-eight percent or more of births to Mexican American, Central and South American, "other" and unknown Hispanic, Hawaiian, American Indian, Puerto Rican, and non-Hispanic black women were nonmarital in 1995. The lowest proportions were reported

Table C. Birth rates for unmarried women by age and Hispanic origin and race of mother: United States, 1995

[Rate per 1,000 unmarried women in specified group]

Age of mother	Total	Hispanic[1]	White		Black
			Total	Non-Hispanic	
15–44 years[2]	45.1	95.0	37.5	28.2	75.9
15–19 years	44.4	78.7	35.5	27.7	92.8
15–17 years	30.5	56.3	23.6	17.6	68.6
18–19 years	67.6	117.9	55.4	44.5	131.2
20–24 years	70.3	148.9	58.0	43.8	127.7
25–29 years	56.1	133.8	48.7	34.9	84.8
30–34 years	39.6	89.2	34.2	25.3	54.3
35–39 years	19.5	43.4	16.9	13.0	25.6
40–44 years[3]	4.7	12.2	4.2	3.2	6.0

[1]Persons of Hispanic origin may be of any race.
[2]Rates computed by relating all births to unmarried women to unmarried women aged 15–44 years.
[3]Rates computed by relating all births to unmarried women aged 40 years and over to unmarried women aged 40–44 years.

for Chinese (8 percent) and Japanese (11 percent) women. The range for other groups was 16–24 percent ("other" Asian or Pacific Islander, Filipino, non-Hispanic white, and Cuban).

Future trends in nonmarital births will be affected demographically by changes both in the number of unmarried women and in their birth rates. Over the next few years, the largest population increases will be among teenagers—most of whom are unmarried—who have accounted for about 30 percent of nonmarital births recently. Rates for teenagers in particular will have to continue to decline as they did in 1995, compensating for the population increase, in order for the overall number of nonmarital births to continue to fall.

The numbers and proportions of births to unmarried women by race are shown in table 16 for the 50 States and the District of Columbia, Puerto Rico, the Virgin Islands, and Guam. The numbers declined in 33 States and the District of Columbia, the Virgin Islands, and Guam, and increased in 17 States and Puerto Rico. The proportions declined in 22 States, the District of Columbia, Virgin Islands, and Guam, and rose in 26 States and Puerto Rico; the proportions were unchanged in Alabama and Utah. The largest changes, as noted above, were in California and Nevada.

Age of father

The birth rate per 1,000 men aged 15–54 years declined for the fifth straight year in 1995, by 2 percent, to 52.0 (table 17). This rate fell by 11 percent between 1990 and 1995, following a 7 percent increase during 1986–90. The procedures for computing birth rates by age of father and the limitations of these data are described in the Technical notes.

The rate for men aged 15–19 years declined by 3 percent from 1994 to 1995. Rates for men in their twenties and for those aged 45–49 years declined by 1 percent. Birth rates for men aged 30–44 years and those aged 50 years and over were generally unchanged.

Birth rates declined by 2 percent for white men, to 49.2 per 1,000, and by 6 percent for black men, to 70.1. Patterns by age for white men showed declines for ages 15–19, 25–29, and 55 years and over. Birth rates by age for black men declined for all age groups except the oldest, with declines ranging from 3 percent (ages 35–44 years) to 8 percent (ages 15–19 years).

Educational attainment

The educational attainment of women who give birth is important because higher educational attainment is associated with more timely receipt of prenatal care and fewer lifestyle and health behaviors during pregnancy which are detrimental to birth outcome (discussed in later sections). In addition, higher educational attainment has been linked to delayed childbearing and ultimately smaller family sizes (31).

Data from the birth certificate show that the educational attainment of women who gave birth increased substantially over the last few decades, partly reflecting the increases in educational attainment of all women during the time period (32). More than three-fourths of women who gave birth in 1995 had at least 12 years of schooling (77 percent) and 43 percent had at least 1 year of college (table 18). The percent of mothers with at least a high school diploma increased with additional age, to about 90 percent for women who gave birth in their thirties, and then declined slightly for mothers 40 years of age and over (87 percent). The median educational attainment for all mothers in 1995 was 12.8 years.

In general, white mothers had more education than black mothers—78 percent of white mothers had at least a high school diploma compared with 71 percent of black mothers; 45 percent of white mothers had at least some college compared with 32 percent of black mothers. However, the higher educational attainment for white than black mothers was limited to those 25 years of age and over; there was almost no difference by race in educational attainment for teenaged mothers and black mothers 20–24 years of age were slightly more likely to have at least a high school diploma than their white counterparts.

Only two-thirds of American Indian mothers had 12 or more years of schooling, the lowest of any racial group, while 84 percent of Asian or Pacific Islander mothers had attained this educational level, the highest of any group (table 10). In particular, nearly all of Japanese mothers (97 percent) had 12 or more years of schooling. The proportion of all Hispanic mothers with at least a high school education was low (48 percent) but there was tremendous variation among Hispanic subgroups, ranging from 41 percent of Mexican American mothers to 86 percent of Cuban mothers (table 11). The low educational attainment of Hispanic mothers in general and the variation among subgroups parallels the educational attainment of the Hispanic population in general (33).

Maternal lifestyle and health characteristics

Weight gain

Maternal weight gain is one of the components in the complex relationship between lifestyle characteristics of the mother and the development of the fetus (34). The total weight gained by the mother during pregnancy has been shown to have an independent, positive relationship with the weight of the newborn (35). Inadequate maternal weight gain along with low prepregnancy weight have been shown to be dominant factors in intrauterine growth retardation and low birthweight (36,37).

In 1990 the National Academy of Sciences published weight-gain guidelines that varied according to mother's body mass index (BMI), which is calculated from her prepregnancy weight and height. The guidelines recommend that women who are underweight (low BMI) gain 28–40 pounds, those who are of normal weight (average BMI) gain 25–35 pounds, those who are overweight (high BMI), gain 15–25 pounds, and obese women, not gain more than 15 pounds (38).

Beginning with 1989, information on maternal weight gain was collected from the birth certificate, but information on the mother's prepregnancy weight and height is not collected. Therefore, it is not possible to determine whether the weight gain was within the recommendations for the mother's BMI. Differences between subgroups in maternal weight gain may reflect differences in the proportion of

mothers who gained outside the recommended range but could also be the result of group differences in height and prepregnancy weight. Given the limitations of vital statistics data, the primary focus of this section is on the median weight gain (for descriptive purposes) and on weight gains that are for most women considered inadequate (less than 16 pounds).

In 1995 all States except California reported information on weight gain. Births to mothers residing in these States accounted for 86 percent of all births in the United States. As in previous years, in 1995 almost two-thirds (64 percent) of women who gave birth gained 26 pounds or more during pregnancy (tables 19–22). The median weight gain was 30.5 pounds in 1995, slightly higher than in 1989 (30.3). The percent of mothers who gained at either end of the weight gain spectrum was higher in 1995 than in 1989—weight gains of less than 16 pounds increased from 9.4 percent in 1989 to 10.7 in 1995, while weight gains of 46 pounds or more increased from 9.1 percent in 1989 to 10.9 percent in 1995.

As expected, the weight gain of the mother varied considerably by period of gestation. Mothers who had preterm infants (gestations of under 37 completed weeks) gained nearly 4 pounds less during pregnancy (27.1 pounds) than mothers who had babies with gestations of 40 weeks and over (30.8 pounds). The percent of mothers who gained less than 16 pounds was almost twice as high for gestations of under 37 weeks than for gestations of 40 weeks and over—17.9 compared with 9.3 percent.

Overall, white women gained 1.6 pounds more during pregnancy than black women—30.6 compared with 29.0 pounds. The disparity in weight gain between white and black women has diminished since 1989 when the median weight gains were 30.5 and 27.8 pounds, respectively. For gestations of under 37 weeks, the median weight gain for white women was 3.3 pounds heavier than for black women but declined to less than a pound for gestations of 40 weeks and over. The percent of black mothers who had weight gains of less than 16 pounds (16.6 percent) was much higher than for white mothers (9.5 percent) while American Indian mothers were intermediate (14.8 percent) (table 23). There was wide variation among Asian or Pacific Islander (API) subgroups in the percent of mothers who gained less than 16 pounds, ranging from 6.3 percent of Chinese mothers to 11.2 percent of "other" API mothers. These differences in weight gain are at least partially accounted for by the differences among groups in the percent of births born preterm.

The median weight gain for Hispanic mothers (29.8 pounds) was intermediate between non-Hispanic white mothers (30.7 pounds) and non-Hispanic black mothers (29.0 pounds) (table 21). However, the weight gained by Hispanic mothers and non-Hispanic black mothers was the same for gestation periods of 37 weeks or longer. Within Hispanic subgroups, Cuban mothers gained the most weight (31.0 pounds) while Mexican American mothers gained the least (28.8 pounds) and this relationship was evident within each gestational period. The percent of mothers who gained less than 16 pounds was lowest for Cuban mothers (6.9 percent) and highest for Mexican American mothers (13.6 percent) (tables 21 and 24).

As mentioned above, maternal weight gain has been shown to have a positive correlation with the birthweight of the infant. This relationship is substantiated by the data in table 20 which shows the percent of infants with low birthweight by the weight gain of the mother. Overall, the percent of infants with low birthweight drops steadily with increasing weight gain through 45 pounds and then increases slightly for mothers who gained 46 pounds or more. About 15 percent of infants whose mothers gained less than 16 pounds were low birthweight compared with between 4 and 5 percent of mothers who gained 31 pounds or more. The slight increase in low birthweight for mothers who gained 46 pounds or more may be partly attributed to the higher incidence of multiple births among these mothers. More than half of all multiple births are low birthweight (see Multiple births section). The relationship between maternal weight gain and low birthweight was evident for both white and black mothers regardless of gestational period. The general decline in low birthweight up through weight gains of 30 pounds was also present for each Hispanic subgroup (table 22).

Medical risk factors

Medical risk factors can severely complicate pregnancy and result in poor birth outcomes, particularly when not adequately treated. For example, the hypertensive disorders (preeclampsia and pregnancy-associated and chronic hypertension) have been tied to inadequate birthweight, shortened gestations, and infant death; diabetes has been associated with hyaline membrane disease/respiratory distress syndrome, and congenital malformations (39–41).

Sixteen medical risk factors affecting the pregnancy are separately identified on the birth certificate. Although data for this item were missing from only 1.2 percent of records for 1995, birth certificate data may underreport medical risk factor prevalence (42). Also, rates for less common medical risk factors and for smaller population groups can vary widely from year to year and should be used with caution.

Pregnancy-associated hypertension, the most frequently reported risk factor, increased for the fourth consecutive year, rising by 6 percent (from 32.2 to 34.1 per 1,000) between 1994 and 1995. (See table 25 for 1995 data.) The rate of pregnancy-associated hypertension has increased 25 percent since the early 1990's; increases were observed among all age groups. The rate of chronic hypertension was largely unchanged (from 6.8 for 1994 to 6.7 per 1,000 for 1995), and that of eclampsia, a potentially serious hypertensive condition related to pregnancy-associated hypertension, rose slightly from 3.5 to 3.7 per 1,000, but remained lower than the levels reported for 1989–90.

Diabetes and anemia are the second and third most frequently reported maternal medical risk factors. The diabetes rate for the current year was 25.2 compared with 25.5 for 1994. The maternal anemia rate, rose very slightly to 20.5 per 1,000 following a 7 percent rise for 1993–94.

The prevalence of lung disease (e.g., asthma, tuberculosis) and hydramnios/oligohydramnios (the excess or shortage of amniotic fluid) during pregnancy rose by 21 and 12 percent, respectively, between 1994 and 1995. Since 1989 rates for these two medical risk factors have risen steadily and have at least doubled; lung disease has risen from 3.0 to 6.9 and

hydramnios/oligohydramnios from 5.7 to 11.4 per 1,000.

Rates for most medical risk factors vary widely by maternal age. For example, anemia is more common among younger mothers, whereas chronic conditions such as cardiac disease, diabetes, and chronic hypertension occur more frequently among mothers 30 years of age and over. Other risk factors, such as eclampsia and pregnancy-associated hypertension, follow a U-shaped pattern, with rates highest at both ends of the maternal age distribution.

Medical risk factor rates also differ by race or ethnicity. For example, anemia and chronic hypertension are twice as common among black mothers compared with white mothers at nearly each age group. In general, overall trends and differences for 1994–95 in the medical risk factor rates discussed above were applicable for both black and white mothers.

As in previous years, reported levels of anemia, diabetes, and pregnancy-associated hypertension were higher for American Indian mothers than for mothers of any other racial or ethnic group. Each of these risk factors was reported for 4–5 percent of American Indian mothers for 1995 compared with 2–3 percent of mothers overall (table 26).

Medical risk factor rates vary among the Asian or Pacific Islander subgroups. For 1995 the anemia rate for Chinese mothers was the lowest reported of any racial or ethnic groups, and was only about half of the rate for all mothers combined (10.7 compared with 20.5), whereas the anemia rate for Hawaiian mothers (42.4) was among the highest reported for any racial or ethnic group. Diabetes and pregnancy-associated hypertension rates for Asian or Pacific Islander mothers overall were higher than those for all mothers for 1995, but these rates also varied widely among the subgroups.

Levels of maternal anemia and diabetes for Hispanics overall were similar to those for all mothers with some marked variation in rates among subgroups (table 27). The overall Hispanic rate of pregnancy-associated hypertension was 23 percent lower than that for all mothers (26.2 compared with 34.1 per 1,000), and rates were lower than those for all mothers for all subgroups.

Tobacco use during pregnancy

Smoking during pregnancy was reported by 13.9 percent of women giving birth in 1995, down 5 percent compared with 1994 and 29 percent since 1989 (19.5 percent) when this information first became available on the birth certificate (1,9). In 1995 tobacco use was reported on the birth certificate by 46 States, the District of Columbia, and New York City, comprising 80 percent of U.S. births. Information was not available for California, Indiana, South Dakota, and the remainder of New York State. (See tables 28–31 for 1995 data.) Levels of maternal smoking based on the birth certificate are generally consistent with those recently reported from the National Pregnancy and Health Survey (43).

Tobacco use during pregnancy has been associated with a variety of adverse outcomes, including low birthweight, intrauterine growth retardation, infant morbidity, and infant mortality, as well as negative consequences for child health and development (44–47). The mechanisms through which tobacco adversely affects pregnancy and birth outcome have been described elsewhere (48,49).

Maternal smoking declined for women in most racial and Hispanic origin groups (tables 23 and 24). As in previous years, rates were highest for American Indian, non-Hispanic white, and Hawaiian women (16–21 percent), and lowest for Mexican American, Cuban, Central and South American, Chinese, Japanese, Filipino, and "other" Asian or Pacific Islander women, 1–8 percent. Puerto Rican and black women had smoking rates of 10–11 percent. Hispanic and API subgroups are disproportionately underrepresented in the areas reporting tobacco use. However, their generally low smoking rates based on information from birth certificates have been confirmed by other studies (43,50).

Declines in smoking were observed for women aged 20 years and over. Among teenagers 15–19 years, maternal smoking increased about 1 percent overall, but for black teenagers, the rate rose 6 percent, the first such increase since this information first became available in 1989 (1–3, 7–9). Despite this increase, smoking rates for white teenagers are still 4–5 times the rates for black teenagers.

Non-Hispanic white women aged 18–19 years had the highest smoking rate, 29 percent (table 29). Patterns of smoking rates by age differ considerably by race and Hispanic origin (figure 4). At ages under 30 years, rates for non-Hispanic white women are sharply higher than for non-Hispanic black or Hispanic women (table 29). At ages 30 years and over, rates are highest for non-Hispanic black women. Rates for Hispanic women are consistently low, regardless of age, a range of 3–5 percent.

Among smokers, the proportion of women smoking at least half a pack of cigarettes daily has declined steadily in recent years—to 35 percent in 1995 (compared with 42 percent in 1989) (1). White mothers were nearly twice as likely as black mothers to smoke half a pack or more (37 percent compared with 20 percent). The proportion of mothers smoking half a pack or more increases steadily with age for white and black mothers (table 28).

Rates of maternal smoking vary in a distinct pattern according to maternal educational attainment (table 30). Smoking rates are persistently highest for women who have attended but not completed high school, 26 percent in 1995, followed by high school graduates, 18 percent. Rates were lower for women with a grade school education (13 percent) and women with some college (11 percent), with the lowest rate of all reported by college graduates, 3 percent. Even among women aged 20 years and over, smoking rates were highest for mothers who attended but did not graduate from high school (32 percent) (tabular data not shown). Compared with 1994, smoking rates declined for women in all education categories. The pattern of rates was similar for white and black mothers, with rates higher for white than for black women in each education group, except for college graduates.

Babies born to mothers who smoke during pregnancy are at greatly elevated risk of low birthweight (LBW), a finding documented in birth certificate data as well as in numerous other studies (44,48,51). In 1995, 12.2 percent of infants born to smokers weighed less than 2,500 grams (5 lb 8 oz) compared with 6.8 percent of births to nonsmokers (table 31).

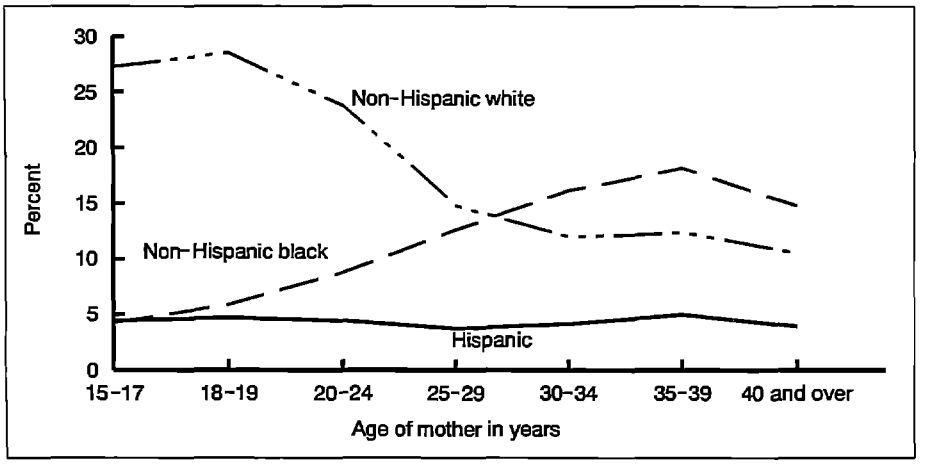


Figure 4. Percent of mothers who smoked during pregnancy by age and race/Hispanic origin of mother: United States, 1995

This nearly twofold differential has been observed since 1989 (1–3, 7–9). The LBW disparity by smoking status is nearly two times for both white and black infants. Advancing maternal age exacerbates the risk; among women aged 30 years and over, the LBW rate for births to smokers was at least 2.3 times that for births to nonsmokers. Some of this pattern is probably related to the much greater cigarette consumption among older women (table 28).

While LBW levels are consistently higher for births to women who smoke, regardless of how many cigarettes smoked, there is a clear pattern of heightened risk as the number of cigarettes increases. Among the lightest smokers (1–5 cigarettes daily), the LBW rate was 11.3 percent, 66 percent higher than for nonsmokers. For mothers smoking more than a pack per day, the rate of LBW was 14.9 percent, one-third higher than that for light smokers and more than double the rate for nonsmokers (6.8 percent) (tabular data not shown).

Alcohol use during pregnancy

Pregnancy and birth outcome can be jeopardized by maternal alcohol use during pregnancy. The most severe adverse effect of excessive drinking is fetal alcohol syndrome, which is characterized by growth retardation, facial malformations, and disorders of the central nervous system associated with mental retardation (52,53). Even low to moderate alcohol use has been shown to negatively impact birth outcome, independent of other risk factors such as tobacco use and other maternal risk factors (52,54,55).

Reported alcohol use declined again in 1995. Just 1.5 percent of mothers reported any alcohol use compared with 1.7 percent in 1994 and 4.1 percent in 1989, the first year this information was reported on the birth certificates (1,9). All States except California and South Dakota included items on alcohol use on their birth certificates in 1995. This reporting area accounted for 86 percent of U.S. births.

Alcohol use during pregnancy is clearly substantially underreported on the birth certificate (42). A recent study reported that about 19 percent of women used alcohol during pregnancy (43). It is probable that the questions on alcohol use on the birth certificate have unintentionally affected the levels of reporting. These questions focus on the number of drinks per week, while other studies inquire about drinks per month. Women who drink relatively little, perhaps 1 to 2 drinks per month, may believe that their alcohol consumption is too little to report in response to the birth certificate questions. Also contributing to the underreporting, no doubt, is the stigma associated with alcohol use during pregnancy (34, 56) .

Even taking into account the severe underreporting of alcohol use on the birth certificate, these data do show a distinct pattern of elevated risk of low birthweight among births to mothers reporting alcohol use. Moreover, greater alcohol consumption is associated with higher low birthweight rates. In 1995, 14.7 percent of births to drinkers weighed less than 2,500 grams, compared with 7.4 percent of births to nondrinkers. The low birthweight rate for births to mothers consuming five drinks or more weekly was more than double the rate for births to mothers consuming one drink or less (25 percent compared with 11 percent) (tabular data not shown).

Medical services utilization

Prenatal care

Prenatal care utilization, as measured by the proportion of mothers beginning prenatal care in the first trimester of pregnancy, improved again for 1995 rising to 81.3 percent from 80.2 percent for 1994. Following rapid improvement during the 1970's, this measure was static for the 1980's, but has risen 8 percent since 1989. (See text table D, figure 5, and table 33.) Concurrent with the 1994–95 rise in timely care, the proportion of mothers who delayed care until the third trimester, or had no care at all, declined slightly from 4.4 to 4.2 percent. The percent of mothers with late or no care has been dropping since 1989 (6.4 percent).

The effects of prenatal care are difficult to measure (57,58), but early, comprehensive care can promote healthier pregnancies by detecting and managing preexisting medical conditions, providing health behavior advice, and assessing the risk of pregnancy complications such as low birthweight and preterm birth (59). Prenatal care can be vital to maternal health and can serve as a gateway into the health care system, especially for socially disadvantaged women (58).

The percent of white mothers receiving first trimester care increased from 82.8 to 83.6 percent between 1994 and 1995, and the proportion of women with late or no care was down very slightly from 3.6 to 3.5 percent. Improvements in first trimester care were observed among all age groups with the largest gains observed for younger mothers.

Among black mothers, first trimester care rose from 68.3 to 70.4 percent, and delayed or no care was down from 8.2 to 7.6 percent between 1994 and 1995. Timely care among black mothers had deteriorated slightly during the 1980's (60), but has risen 17 percent (from 60.0 percent) since 1989.

Table D. First trimester prenatal care by race of mother: United States, 1980 and 1985–95

Year	All races[1]	White	Black
1995	81.3	83.6	70.4
1994	80.2	82.8	68.3
1993	78.9	81.8	66.0
1992	77.7	80.8	63.9
1991	76.2	79.5	61.9
1990	75.8	79.2	60.6
1989	75.5	78.9	60.0
1988	75.9	79.3	60.7
1987	76.0	79.3	60.8
1986	75.9	79.1	61.2
1985	76.2	79.3	61.5
1980	76.3	79.2	62.4

[1]Includes races other than white and black.

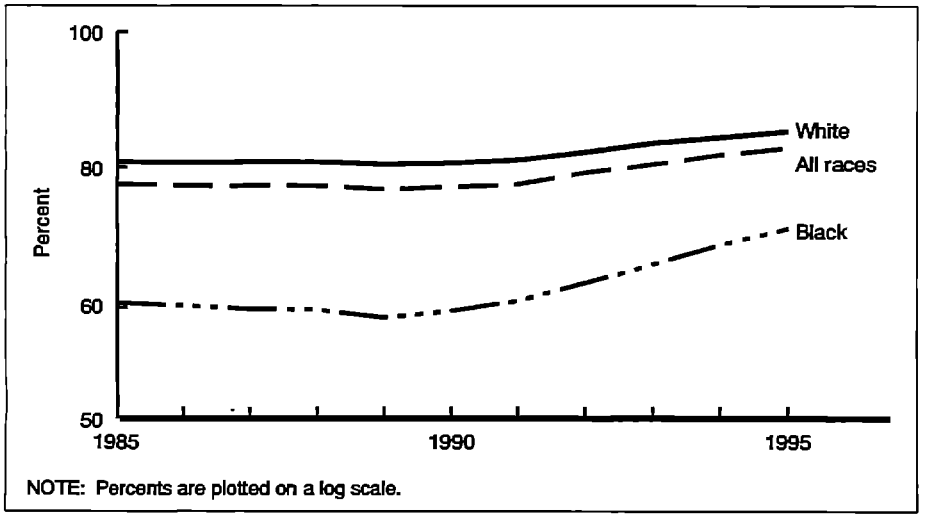


Figure 5. Percent of mothers with first trimester prenatal care by race of mother: United States, 1985–95

The proportion of American Indian mothers who received first trimester prenatal care was up slightly to 66.7 percent for 1995, but this level was still lower than that of any of the racial or ethnic groups studied. Concurrently, the percent of American Indian mothers with late or no care (9.5 percent for 1995) was the highest reported (table 23).

No substantial changes were observed in prenatal care utilization among Asian or Pacific Islander mothers from the previous year. Among subgroups, the percent of mothers with first trimester care ranged from 89.7 percent of Japanese mothers to 75.9 percent of Hawaiian mothers (table 23).

Among all Hispanic mothers, first trimester prenatal care rose from 68.9 to 70.8 percent and late or no care declined slightly from 7.6 to 7.4 percent for 1994–95. (See table 24 for 1995 data.) Since 1989 prenatal care utilization among Hispanic mothers has improved markedly; early care has risen 19 percent (from 59.5 percent) and late or no care has fallen 76 percent (from 13.0 percent). Large differences among Hispanic subgroups in care utilization persist—for 1995, 89.2 percent of Cuban mothers received early care compared with 69.1 percent of Mexican American mothers—but the gap is narrowing as larger gains occur among groups with lower levels.

At least 10 prenatal visits are recommended for an uncomplicated term pregnancy of 37 completed weeks of gestation or more (61). For 1995 the median number of prenatal visits for all gestations, including complicated pregnancies, was 12.2, unchanged from 1994 (table 35). There has been only small change in this measure since 1987 (12.0 visits). The median for white mothers was also unchanged at 12.3 visits. The median number of visits rose among black mothers, however, from 11.1 to 11.4.

The proportion of white mothers with first trimester care increased slightly or was essentially unchanged for nearly all States for the current year (table 34). Among States reporting at least 1,000 births to black mothers, levels rose in the vast majority of States, and increases of at least 4 percent were noted for Colorado, Delaware, Georgia, Minnesota, New Jersey, New York, North Carolina, Oklahoma, Pennsylvania, South Carolina, and Texas.

Obstetric procedures

The most prevalent obstetric procedure in 1995 was electronic fetal monitoring (EFM), reported for over 3.1 million births, or 81 percent of all live births (table 36). EFM usage in 1995 rose for the sixth consecutive year, reflecting continuing increases in all age groups. Hawaiian mothers had the highest (82 percent) and Filipino mothers had the lowest (73 percent) rates in EFM usage in 1995 (table 26). For Hispanic mothers, the lowest rate was observed for Mexican American mothers (73 percent) (table 27).

According to data from the birth certificate 61 percent of mothers who had live births in 1995 received ultrasound, the same as in 1994 but a 27-percent increase over 1989 (48 percent).

The overall rates of stimulation of labor and induction of labor in 1995 were 161 and 160 per 1,000 live births, respectively, about 6 and 9 percent above their levels in 1994. The rates of both procedures have risen steadily every year since 1989, stimulation by about 48 percent (from 109 per 1,000) and induction by 78 percent (from 90 per 1,000).

Amniocentesis, an invasive prenatal diagnostic procedure performed to detect genetic disorders, was reported for 32 of every 1,000 live births in 1995. The rate of amniocentesis increases sharply with advancing maternal age. In 1995 the rate for mothers aged 40–49 years (189 per 1,000) was 19 times the rate for mothers under age 20 years (10 per 1,000).

Complications of labor and/or delivery

Of the 15 reported complications of labor and/or delivery, 4 were reported at a rate greater than or equal to 30 per 1,000

live births in 1995; meconium, moderate/heavy (57 per 1,000), fetal distress (42 per 1,000), breech/malpresentation (37 per 1,000), and premature rupture of membrane (31 per 1,000) (table 37). For these four complications there were observable variations by race and Hispanic origin (tables 26 and 27).

Although not frequent, placenta previa is a serious complication that occurred in nearly 13,000 births in 1995. Data from birth certificates identify increasing age of mother and live-birth order as two risk factors for this complication (62).

Attendant at birth and place of delivery

A physician-attended delivery in a hospital setting was by far the most common approach to delivery in 1995, comprising 93.4 percent of all births (table 38). For physician-attended births, only about 4 percent were by doctors of osteopathy (DO's) and the remaining were attended by doctors of medicine (MD's). The percent of births attended by physicians was slightly lower than in 1994 (93.7 percent) and has declined from 98.4 percent in 1975. During the 1975–95 period, the percent of births attended by midwives increased sharply, from 0.9 percent in 1975 to 6.0 percent in 1995. About 94 percent of midwife-delivered births were by certified nurse midwives (CNM), and the remaining 6 percent by "other" midwives. CNM-attended deliveries were almost universally in hospitals (96 percent) whereas deliveries by "other" midwives were most likely in a residence (64 percent). A recent article presents more detailed information on the trends and characteristics of midwife-attended births (63).

Altogether, 99 percent of births in 1995 were delivered in hospitals, almost unchanged from the 1975 level. The majority of out-of-hospital births were in a residence (63 percent) while 27 percent were in a freestanding birthing center. Birthing centers have been shown to be a cost-effective, safe alternative to a hospital setting for low-risk women (64).

About 9 out of 10 births for white and black women were attended by MD's in a hospital setting. However, there were some differences between white and black women in the attendant and place of delivery. For hospital births, black women were slightly less likely than white women to have births attended by DO's (2.5 and 4.0 percent, respectively) but more likely to have CNM-attended births (6.1 and 5.1 percent, respectively). For out-of-hospital births, black women were more likely than white women to have births attended by MD's and less likely to have midwife-attended births. For example, for births occurring in a residence more than half of those to white women were attended by a midwife (53 percent) compared with only 8 percent of births to black women. In contrast, MD's attended the births of only 9 percent of white women delivering in a residence compared with 39 percent of black women.

In general, the proportion of births to teenaged and unmarried women was higher in hospitals than in most other places of delivery (data not shown). About 13 percent of births in hospitals were to teenagers compared with about 10 percent of births in clinics or doctor's offices, 8 percent of births in birthing centers, and 6 percent of home births. Similarly, almost a third of hospital births were to unmarried women (32 percent) compared with 26 percent of births in clinics or doctor's offices, 22 percent in residences, and 17 percent in birthing centers.

Method of delivery

The rate of cesarean delivery declined for the sixth consecutive year and was 9 percent lower in 1995 (20.8 per 100 live births) than in 1989 (22.8), the first year this information was available on the birth certificate (text table E and table 39). Similarly, the primary cesarean rate (first cesareans per 100 live births to women who had no previous cesarean) also declined each year and was 9 percent lower in 1995 (14.7) than in 1989 (16.1). Concomitant with the decline in cesarean rates during this period was a 46-percent increase in the rate of vaginal birth after previous cesarean delivery (VBAC)—from 18.9 in 1989 to 27.5 in 1995. A detailed analysis of trends in cesarean and VBAC rates for 1991–95 is published elsewhere (65).

Despite the favorable trends, the cesarean and VBAC rates still fall short of the year 2000 objectives (overall cesarean rate—15 or lower; primary cesarean rate—12 or lower; VBAC rate—35 or higher) (66). However, some States are approaching or have already achieved these rates. Alaska was the only State in 1995 that had achieved an overall cesarean rate of 15 or lower (14.4) (tabular data not shown). Three other States (Colorado, Idaho, and Wisconsin) were approaching the year 2000 objective with overall cesarean rates that were less than 16. Nine States had already achieved primary cesarean rates of 12 or lower with Alaska having the lowest rate (10.2). Eight States had VBAC rates of 35 or higher with Colorado having the highest rate (40.4).

Overall cesarean rates increased almost linearly by age of mother and were more than twice as high for mothers 40–49 years of age (31.6) than for teenagers (14.7) (table 40). Primary cesarean rates increased with additional age after age 25 but the differences between age categories were smaller than for the overall cesarean rates. VBAC rates declined with increasing age—almost a third of teenagers who had a previous cesarean had a VBAC delivery (32.3 percent) compared

Table E. Total and primary cesarean rates and vaginal birth after previous cesarean delivery rates: United States, 1989–95

Year	Cesarean rate		VBAC rate[3]
	Total[1]	Primary[2]	
1995	20.8	14.7	27.5
1994	21.2	14.9	26.3
1993	21.8	15.3	24.3
1992	22.3	15.6	22.6
1991	22.6	15.9	21.3
1990	22.7	16.0	19.9
1989	22.8	16.1	18.9

[1]Percent of all live births by cesarean delivery.
[2]Number of primary cesareans per 100 live births to women who have not had a previous cesarean.
[3]Number of vaginal births after previous cesarean (VBAC) delivery per 100 live births to women with a previous cesarean delivery.

with 21 percent of mothers 40–49 years of age. Compared with 1994, most age groups had lower overall and primary rates and all had higher VBAC rates in 1995.

The cesarean rate in 1995 for black women (21.8) was 5 percent higher than the rate for white women (20.8). The primary cesarean rate for black women (15.7) was 8 percent higher than the rate for white women (14.6). Between 1989 and 1995 cesarean rates for black women have remained relatively steady while rates for white women have fallen by about 10 percent. The VBAC rate in 1995 was 6 percent higher for white than black women, 27.6 compared with 26.1, due to greater increases since 1989 for white than black women. In 1995 overall and primary cesarean rates for every age category were higher for black than white women. VBAC rates for black mothers were higher than for white mothers at ages under 25 years but were lower than for white mothers at older ages.

With the exception of Filipino mothers, all specified categories of Asian or Pacific Islander mothers had lower rates of cesarean delivery than either white or black mothers (table 23). The rate of cesarean delivery for American Indian mothers (18.1) was also lower than for white and black mothers.

The rate of cesarean delivery was lower for Hispanic mothers (20.2) than for either non-Hispanic white mothers (21.0) or non-Hispanic black mothers (21.8) (table 24). The rate of cesarean delivery varied between 19.7 and 21.2 for all Hispanic subgroups except for Cuban mothers whose rate was much higher (30.2).

All of the selected medical risk factors in table 41 were associated with overall cesarean rates that were higher than the national average. Cesarean rates for the medical risk factors ranged from 21.3 for mothers with Rh sensitization to 49.1 for mothers with eclampsia. Other medical risk factors in which more than a third of births were by cesarean were chronic hypertension (39.6), hydramnios/oligohydramnios and genital herpes (37.8), pregnancy-associated hypertension (36.8), and diabetes (35.4). Certain complications of labor and/or delivery are also associated with high cesarean rates. Nearly all births with cephalopelvic disproportion were cesarean deliveries (96.9) and the cesarean rates for breech/malpresentation (85.1) and placenta previa (81.8) were also very high. In addition, more than half of births with dysfunctional labor (63.4), cord prolapse (63.1), abruptio placenta (57.7), and fetal distress (54.9) were by cesarean delivery. Obstetric procedures with cesarean rates above the national average were amniocentesis (31.9), tocolysis (27.5), and ultrasound (22.4). Cesarean rates for most of the medical risk factors, complications of labor and/or delivery, and obstetric procedures have declined since 1989.

During the 1989–95 period, the percent of births that were delivered by forceps declined each year whereas the use of vacuum extraction consistently increased. In 1995, 3.5 percent of births were delivered by forceps compared with 5.5 percent in 1989—a 36-percent decline. Vacuum extraction was used in 5.9 percent of births in 1995, a 69-percent increase compared with 1989 (3.5). As in previous years, forcep- and vacuum-extraction deliveries were slightly more common in births to white than black mothers.

Infant health characteristics

Period of gestation

The rate of preterm birth was 11.0 percent for 1995, unchanged since 1993. The preterm birth rate (prior to 37 completed weeks of gestation) has risen 17 percent since 1981 (from 9.4 percent). (See tables 42, 43, and figure 6.) Preterm birth is a major cause of infant mortality and morbidity; infants born preterm are 28 times more likely to die within the first month of life as are term infants (37–41 weeks) (67). Preterm newborns who survive are at greater risk of neurodevelopmental and respiratory disorders, as well as other problems (68).

The primary method used to determine the gestational age of the newborn from birth certificate data is the interval between the first day of the mother's last normal menstrual period (LMP) and the date of birth. It is subject to error for several reasons including imperfect maternal recall or misidentification of the LMP because of postconception bleeding, delayed ovulation, or intervening early miscarriage. Since 1989 the "clinical estimate of gestation," which is the birth attendant's estimate of gestational age based on ultrasound or other techniques, has been used when the LMP is inconsistent with birthweight or unknown. For 1995 the clinical estimate was used for about 5 percent of the 6 percent of records with missing or invalid data.

Among births to white mothers, the preterm rate increased slightly from 9.6 to 9.7 percent between 1994 and 1995. Since 1981 the preterm rate for white births has risen 23 percent (from 7.9 percent). The rise between 1994 and 1995 included all age groups except mothers under 20 years of age.

The proportion of preterm births among black mothers fell from 18.1 to 17.7 percent between 1994 and 1995. This rate had risen to 18.9 percent for the late 1980's and early 1990's, and the current year is the first since 1985 that this level has dropped below 18 percent. The decline between 1994 and 1995 was most pronounced among births of 32–36 completed weeks of gestation. Preterm levels were lower for 1995 among births to black mothers in nearly all age groups.

For 1995, 12.4 percent of births to American Indian mothers were born preterm, a slight increase over the level reported for 1994 (12.1 percent) (table 23). Among births to Asian or Pacific Islander mothers, the most marked improvement in preterm levels was for Hawaiian births, for whom the rate declined from 12.2 to 11.0 percent. For 1995 the percent of preterm births ranged from 7.2 percent for Chinese births to 11.7 percent for Filipino births. Among Hispanic births the preterm birth rate was largely unchanged. Rates ranged from 10.1 percent for Cuban births to 13.4 percent for Puerto Rican births (table 24).

Birthweight

The percent low birthweight (LBW) (less than 2,500 grams) was 7.3 for 1995, unchanged from 1994. Following declines during the 1970's and early 1980's LBW has risen 9 percent since 1984 (from 6.7 percent). (See table 43 and figure 7.) The percent very low birthweight (VLBW) (less than 1,500 grams) was 1.35 percent

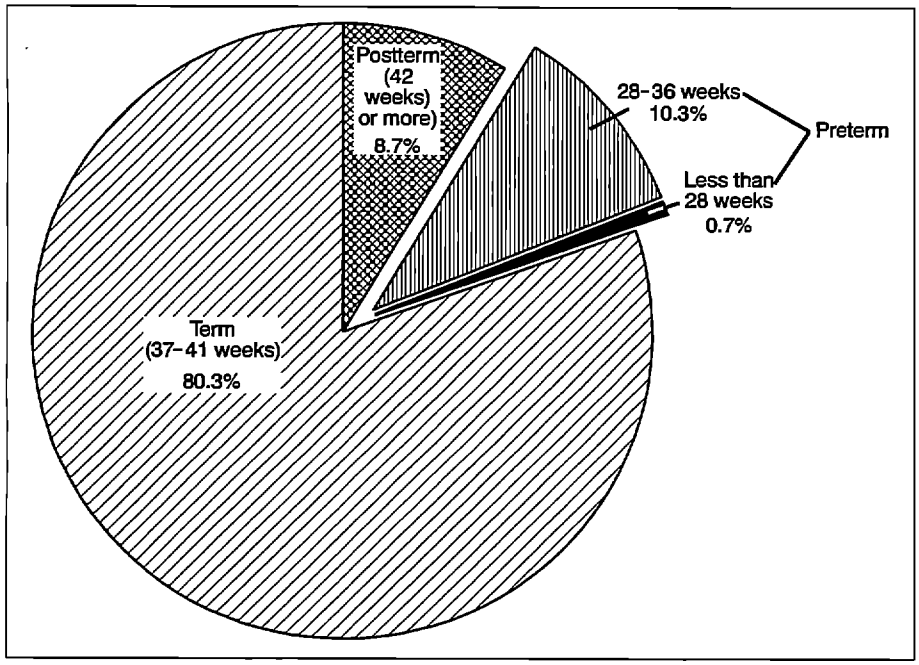


Figure 6. Gestation distribution: United States, 1995

for 1995. This level has increased gradually between 1980 and 1995 from 1.15 (text table F). Although medical advances have greatly improved the survival of LBW infants (70–72), they continue to be at much greater risk than heavier babies of mortality and long-term disability. Infants with birthweights of 1,500–2,499 grams are about 5 times more likely than heavier infants to die during the first year of life, and the risk of early death for VLBW infants is about 65 times that of infants who weigh at least 1,500 grams (67).

LBW rose slightly among births to white mothers (from 6.1 to 6.2 percent) between 1994 and 1995. Since the early 1980's, overall LBW among white births of all pluralities has increased by 11 percent (from 5.6 percent), and among singleton births by 6 percent (from 4.7 to 5.0 percent between 1992 and 1995). LBW rose slightly among white preterm births (births of less than 37 completed weeks of gestation), but was unchanged among births of longer gestations. Increases in white LBW were observed for nearly all age groups. For the current year, the percent VLBW for white births increased slightly from 1.02 to 1.06 percent, the highest level reported since at least 1970.

Among black mothers, the percent LBW declined from 13.2 to 13.1 between 1994 and 1995, continuing a downward trend observed since 1992. Most of the improvement in LBW was in the moderately LBW range (1,500–2,499); the proportion VLBW was essentially unchanged at 2.97 percent.

Much of the disparity between black and white births in LBW can be attributed to the much higher incidence of preterm births among black mothers (17.7 compared with 9.7 percent), because of the greater risk of LBW for preterm births. However, black infants are also more likely to be LBW at longer gestations. For example, for 1995 as for earlier years, the LBW risk for black infants born at term (37–41 completed weeks of gestation) was more than twice that of white term infants (5.5 percent compared with 2.5 percent).

LBW increased or was unchanged between 1994 and 1995 among infants born to mothers of other racial or ethnic groups (tables 23 and 24). The only exception was for Hawaiian births, among whom LBW declined from 7.2 to 6.8 percent. Rates among other racial or ethnic groups ranged widely for 1995, from 5.3 percent for births to Chinese mothers, to 9.4 percent for births to Puerto Rican mothers.

The risk of LBW is highest at the two extremes of the maternal age range with risk slightly more elevated for mothers 40 years of age and over (table 44). When only singleton births are examined however, (multiple births are more common among older mothers, and are more likely to be LBW), the level of LBW was 10 percent higher for mothers under 20 years of age than for mothers 40 years of age and over. (Tabular data not shown.)

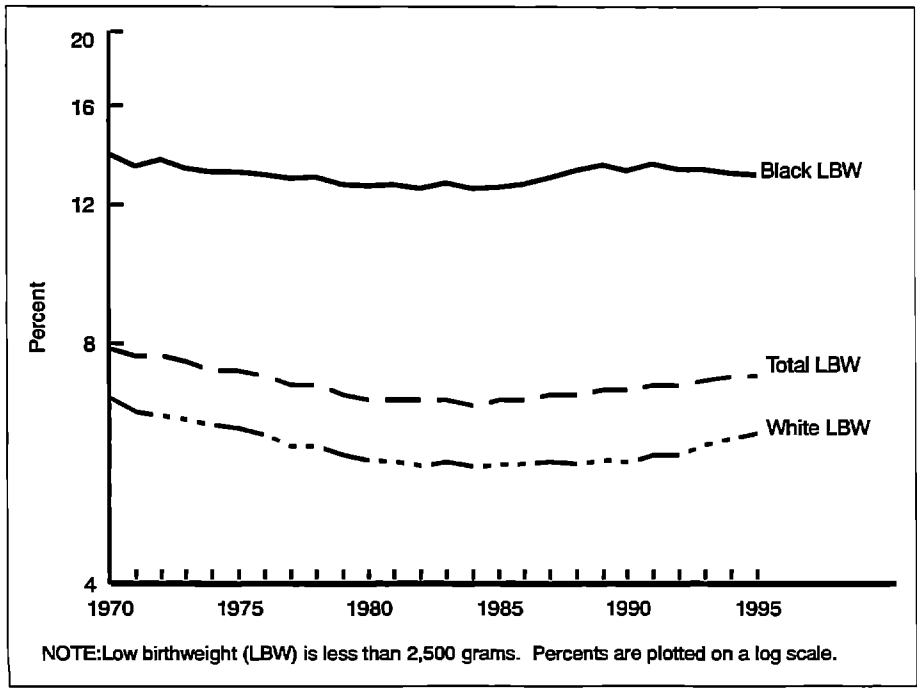


Figure 7. Percent low birthweight by race of mother: United States, 1970–95

Table F. Percent very low birthweight by race of mother: United States, 1980 and 1985–1995

Year	All races[1]	White	Black
1995	1.35	1.06	2.97
1994	1.33	1.02	2.96
1993	1.33	1.01	2.96
1992	1.29	0.96	2.96
1991	1.29	0.96	2.96
1990	1.27	0.95	2.92
1989	1.28	0.95	2.95
1988	1.24	0.93	2.86
1987	1.24	0.94	2.79
1986	1.21	0.93	2.73
1985	1.21	0.93	2.71
1980[2]	1.15	0.90	2.48

[1]Includes races other than white and black.
[2]Based on 100 percent of births in selected States and a 50-percent sample in all other States.

NOTE: Very low birthweight is equal to less than 1,500 grams (3 pounds, 4 ounces).

The median birthweight for 1995 was 3,350 grams (7 lb 7 oz) slightly lower than the median reported for 1994 (3,360) and the lowest figure reported since 1978.

The percent macrosomia (birthweight of at least 4,000 grams) declined for 1995 to 10.3 percent of all births. This level has been decreasing since 1991, after peaking at about 11 percent in the 1980's.

For the majority of States LBW for white births increased or was unchanged between 1994 and 1995. However, declines of at least 5 percent occurred in five States; Hawaii, Montana, Vermont, Wisconsin, and Wyoming. Rates ranged from 5.1 percent for Alaska, North Dakota, and Wisconsin, to 8.0 and 7.7 percent in Colorado and New Mexico. LBW declined in about half of the areas reporting at least 1,000 black births. LBW levels for black infants ranged from 10.4 percent for Massachusetts to 15.9 percent for the District of Columbia and Colorado.

Apgar score

The Apgar score was developed by the late Virginia Apgar, M.D., as a means of evaluating the physical condition of newborns shortly after delivery (73). The score considers five characteristics of the baby that are easily identifiable—heart rate, respiratory effort, muscle tone, reflex irritability, and color. Each of these characteristics is assessed and assigned a value of 0–2, with 2 being optimum. The total score is the sum of the scores of the five components and a score of 7 or greater indicates that the baby is in good to excellent physical condition. The Apgar score is assessed at 1 and 5 minutes after delivery and used to predict the baby's survival chances with the 5-minute score regarded as the better measure on which to make predictions.

Beginning in 1995, NCHS is collecting information on the 5-minute score only. In 1995 every State except California and Texas collected information on the 5-minute Apgar score. Births to residents of these States accounted for 78 percent of all births in the United States. Only 1.4 percent of babies had Apgar scores that were considered low (less than 7) at 5 minutes after birth, unchanged from 1993 and 1994 (table 23). The percent of infants with low 5-minute Apgar scores declined sharply between 1984–90, from 2.0 to 1.5, but has changed very little since then.

Of all racial groups, Asian or Pacific Islander babies were in the best physical condition shortly after delivery (table 23). This was particularly true for Japanese and Chinese babies—less than 1 percent had low 5-minute scores. The percent of babies with low scores was intermediate for white and American Indian mothers, between 1.2–1.4, whereas 2.5 percent of black babies had low 5-minute scores.

Non-Hispanic black mothers were twice as likely to have babies with low 5-minute scores (2.5 percent) than either Hispanic mothers or non-Hispanic white mothers (each with 1.2 percent) (table 24). Among Hispanic subgroups, the percent of babies with low 5-minute scores ranged from 0.7 for Cuban mothers to 1.4 percent for Puerto Rican mothers.

In general, the variation among racial and ethnic groups in the percent of babies with low 5-minute Apgar scores was consistent with the percent of babies that were born preterm or with low birthweight (tables 23, 24).

Abnormal conditions of the newborn

Of the eight specific abnormal conditions reported on the birth certificate the three highest rates per 1,000 live births in 1995 were for assisted ventilation less than 30 minutes (19 per 1,000), assisted ventilation 30 minutes or longer (8 per 1,000), and hyaline membrane disease/respiratory distress syndrome (RDS) (7 per 1,000). It has been shown that these conditions may be underreported on the birth certificate (74).

The rates for abnormal conditions in 1994 were higher for black births than for white births for all conditions except birth injuries (table 45).

Birth injury and meconium aspiration syndrome had lower rates among low birthweight infants (less than 2,500 grams) than among infants weighing 2,500 grams or more. Rates of hyaline membrane disease/RDS were far higher for LBW infants than those of higher weight (55 compared with 3 per 1,000 live births); there were similar large differences in rates by birthweight for assisted ventilation 30 minutes or longer (65 and 4 per 1,000 live births) (tabular data not shown).

Congenital anomalies

Since 1989 information for some of the most severe and common congenital anomalies has been available from a checkbox item on live-birth certificates. In 1995 the District of Columbia and all States except Maryland, New Mexico, and New York City reported congenital anomalies in the standard categories. These areas included 94 percent of births in the United States. It has been shown that these anomalies are underreported on the birth certificate (74,75).

Because many of the congenital anomalies tracked on birth certificates occur infrequently, the rates shown in this report are calculated per 100,000 live births. Caution should be used in comparing yearly rates for a specific anomaly as a small change in the number of anomalies reported can result in a relatively large change in rates.

Rates for several of the anomalies reported on the birth certificates vary considerably by age of mother (table 46). As an example, the rate for Down's syndrome for births to mothers 40–49 years, 331 per 100,000 live births, was 13 times higher than the rate of 26 for mothers aged 20–24 years.

Multiple births

The number of live births in multiple deliveries for 1995 was 101,709, only slightly higher than the number reported for 1994 (101,658). The multiple birth ratio (the number of multiple births per 1,000 live births) rose 2 percent to 26.1 per 1,000. (See table 47.) The number of twin births declined (from 97,064 to 96,736), but the number of higher order multiple births (triplet, quadruplet, quintuplet, and other higher order multiple births) increased by 8 percent. The 4,973 births in higher order multiple deliveries included 4,551 triplet, 365 quadruplet, and 57 quintuplet or greater multiples. Since 1980 the number of twin births has risen by 42 percent (from 68,339), and the number of higher order multiple births by 272 percent (from 1,337) (76,77).

The risk of adverse pregnancy outcome rises with the number of births in the delivery. For 1995, 53 percent of twins and 92 percent of triplets were born preterm (less than 37 completed weeks of gestation) compared with 10 percent of singleton births (data not shown). Moreover, twins are 5 times and triplets 12 times more likely than singletons to die within the first year of life (67).

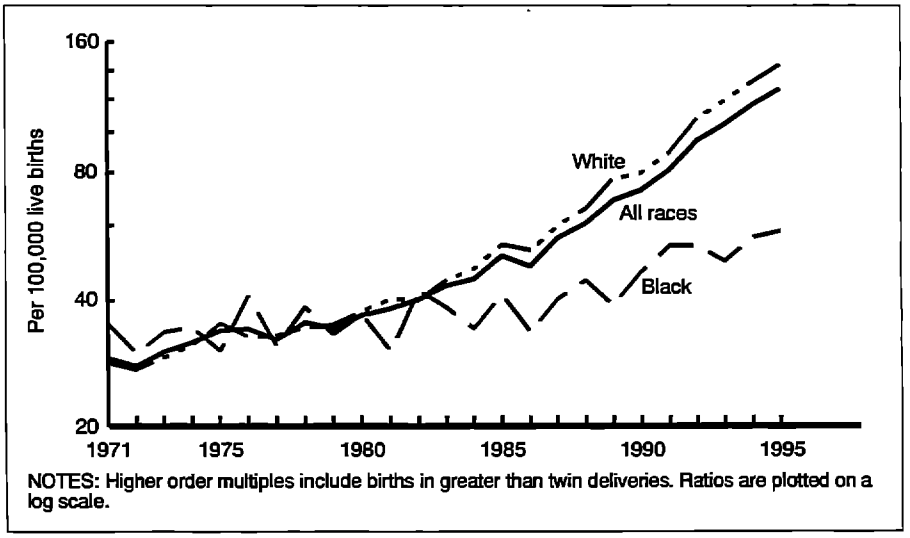
The 1994–95 decline in twin births was the result of a 7-percent decline in the number of twins born to black mothers (from 18,344 to 17,000). The black twin birth ratio (the number of twin births per 1,000 live births) also declined, albeit at a slower pace (2 percent). In contrast, the number of twins born to white mothers rose 1 percent and the twin birth ratio by 2 percent. Since 1980 there has been an 18-percent rise in the black twin birth ratio (from 24.0 to 28.2 per 1,000) and a 36 percent rise in the white ratio (from 18.1 to 24.6 per 1,000).

The higher order multiple birth ratio (the number of triplet and greater multiple births per 100,000 live births) rose 10 percent for the current year, from 116.2 to 127.5 per 100,000. Since 1987 this ratio has increased by an average of 11 percent a year. While still comparatively rare (only 0.1 percent of all births were higher order multiples in 1995), higher order multiple births have become much more common in recent years; the ratio has doubled since only 1989, tripled since the early 1980's, and quadrupled since the early 1970's. (See figure 8.) Put another way, in the early 1970's, about 1 of 3,500 births was a triplet compared with 1 of 785 births in 1995.

Nearly all higher order multiple births are born to white mothers (91 percent compared with 79 percent of singleton births), and most of the recent rise in the higher order multiple birth ratio can be attributed to increases among these mothers. The white higher order multiple birth ratio increased 10 percent to 145.4 per 100,000 between 1994 and 1995, and has nearly quadrupled since 1980 (from 37.6). Birth certificate data do not identify births resulting from the use of fertility enhancing techniques (ovulation-inducing drugs and assisted reproductive techniques such as in vitro fertilization), but it is estimated that about a third of the growth in the higher order multiple birth ratio since 1980 is the result of the older maternal age distribution of recent years (the risk of having a multiple birth increases with maternal age), and the remaining two-thirds is the result of increases in the use of fertility-enhancing therapies (77–79).

References

1. National Center for Health Statistics. Advance report of new data from the 1989 birth certificate. Monthly vital statistics report; vol 40 no 12, supp. Hyattsville, Maryland: Public Health Service. 1992.
2. National Center for Health Statistics. Advance report of maternal and infant health data from the birth certificate, 1990. Monthly vital statistics report; vol 42 no 2, supp. Hyattsville, Maryland: Public Health Service. 1993.
3. National Center for Health Statistics. Advance report of maternal and infant health data from the birth certificate, 1991. Monthly vital statistics report; vol 42 no 11, supp. Hyattsville, Maryland: Public Health Service. 1994.
4. National Center for Health Statistics. Advance report of final natality statistics, 1989. Monthly vital statistics report; vol 40 no 8, supp. Hyattsville, Maryland: Public Health Service. 1991.
5. National Center for Health Statistics. Advance report of final natality statistics, 1990. Monthly vital statistics report; vol 41 no 9, supp. Hyattsville, Maryland: Public Health Service. 1993.
6. National Center for Health Statistics. Advance report of final natality statistics, 1991. Monthly vital statistics report; vol 42 no 3, supp. Hyattsville, Maryland: Public Health Service. 1993.
7. Ventura SJ, Martin JA, Taffel SM, Mathews TJ, Clarke SC. Advance report of final natality statistics, 1992. Monthly vital statistics report; vol 43 no 5, supp. Hyattsville, Maryland: National Center for Health Statistics. 1994.



NOTES: Higher order multiples include births in greater than twin deliveries. Ratios are plotted on a log scale.

Figure 8. Higher order multiple birth ratios by race of mother: United States, 1971–95

8. Ventura SJ, Martin JA, Taffel SM, Mathews TJ, Clarke SC. Advance report of final natality statistics, 1993. Monthly vital statistics report; vol 44 no 3, supp. Hyattsville, Maryland: National Center for Health Statistics. 1995.
9. Ventura SJ, Martin JA, Mathews TJ, Clarke SC. Advance report of final natality statistics, 1994. Monthly vital statistics report; vol 44 no 11, supp. Hyattsville, Maryland: National Center for Health Statistics. 1996.
10. Rosenberg HM, Ventura SJ, Maurer JD, et al. Births and deaths: United States, 1995. Monthly vital statistics report; vol 45 no 3, supp 2. Hyattsville, Maryland: National Center for Health Statistics. 1996.
11. National Center for Health Statistics. Vital statistics of the United States, Vol I, natality. Washington: Public Health Service. Annual volumes, 1980–92. Volume for 1993 in preparation.
12. Ventura SJ, Clarke SC, Mathews TJ. Recent declines in teenage birth rates in the United States: Variations by State, 1990–94. Monthly vital statistics report; vol 45 no 5, supp. Hyattsville, Maryland: National Center for Health Statistics. 1996.
13. Deardorff KE, Montgomery P, Hollmann FW. U.S. population estimates, by age, sex, race, and Hispanic origin: 1990 to 1995. U.S. Bureau of the Census. Census file RESDO795, PPL-41. Washington: U.S. Department of Commerce. 1996.
14. Day JC. Population projections of the United States by age, sex, race, and Hispanic Origin: 1995 to 2050. U.S. Bureau of the Census. Current population reports; P-25—1130. Washington: U.S. Department of Commerce. 1996.
15. Hollmann FW. U.S. population estimates, by age, sex, race, and Hispanic origin: 1980 to 1991. U.S. Bureau of the Census. Current population reports; P-25—1095. Washington: U.S. Department of Commerce. 1993.
16. Abma JC, Chandra A, Mosher WD, et al. Fertility, family planning, and women's health: New data from the 1995 National Survey of Family Growth. National Center for Health Statistics. Vital Health Stat 23(19). 1997.
17. Koonin LM, Smith JC, Ramick M. Abortion surveillance—United States, 1992. In CDC Surveillance Summaries. MMWR 45(No. SS-3). 1996.
18. Ventura SJ, Taffel SM, Mosher WD, et al. Trends in pregnancies and pregnancy rates: Estimates for the United States, 1980–92. Monthly vital statistics report; vol 43 no 11, supp. Hyattsville, Maryland: National Center for Health Statistics. 1995.
19. Centers for Disease Control and Prevention. Abortion surveillance: Preliminary data—United States, 1994. MMWR 45(51–52):1123–27. 1997.
20. Ventura SJ. Trends and variations in first births to older women, 1970–86. National Center for Health Statistics. Vital Health Stat 21(47). 1989.
21. Heuser RL. Fertility tables for birth cohorts by color: United States, 1917–73. Rockville, Maryland: National Center for Health Statistics, 1976.
22. Bachu A. Fertility of American women: June 1992. Current population reports; series P-20—470. Washington: U.S. Department of Commerce. 1993.
23. Centers for Disease Control and Prevention. Childbearing patterns among selected racial/ethnic minority groups, United States, 1990. MMWR 42(20):398–403. 1993.
24. Martin JA. Birth characteristics for Asian or Pacific Islander subgroups, 1992. Monthly vital statistics report; vol 43 no 10, supp. Hyattsville, Maryland: National Center for Health Statistics. 1995.
25. National Center for Health Statistics. Advance report of final natality statistics, 1988. Monthly vital statistics report; vol 39 no 4, supp. Hyattsville, Maryland: Public Health Service. 1993.
26. Centers for Disease Control and Prevention. Rates of cesarean delivery: United States, 1993. MMWR 44(15):303–7. 1995.
27. Ventura SJ. Births to unmarried mothers: United States, 1980–92. National Center for Health Statistics. Vital Health Stat 21(53). 1995.
28. Landale NS, Fennelly K. Informal unions among mainland Puerto Ricans: Cohabitation or an alternative to legal marriage? J Marriage and the Family 54:269–80. 1992.
29. Bumpass LL, Sweet JA, Cherlin A. The role of cohabitation in declining rates of marriage. J Marriage and Family 53(4):913–27. 1991.
30. Ventura SJ, Bachrach CA, Hill L, et al. The Demography of Out-of-Wedlock Childbearing. In: Department of Health and Human Services, Report to Congress on Out-of-Wedlock Childbearing. Washington, DC: National Center for Health Statistics. 1995.
31. Mathews TJ, Ventura SJ. Birth and fertility rates by educational attainment: United States, 1994. Monthly vital statistics report, vol 45 no 10, supp. Hyattsville, Maryland: National Center for Health Statistics. 1997.
32. Kominski R, Adams A. Educational attainment in the United States: March 1993 and 1992. U.S. Bureau of the Census. Current population reports; P-20—476. Washington: U.S. Department of Commerce. 1994.
33. Montgomery PA. The Hispanic population in the United States: March 1993. U.S. Bureau of the Census. Current population reports; P-20—475. Washington: U.S. Department of Commerce. 1994.
34. Chomitz VR, Cheung LW, Lieberman E. The role of lifestyle factors in preventing low birthweight. In: The Future of Children: Low Birthweight. Vol 5(1):121–38. Los Altos, California: Center for the Future of Children, The David and Lucile Packard Foundation. 1995.
35. Abrams B, Selvin S. Maternal weight gain pattern and birthweight. Am J Obstet Gynecol. 86(2):163–9. 1995.
36. Kramer MS. Intrauterine growth and gestational duration determinants. Pediatrics 80:502–11. 1987.
37. Kleinman JC. Maternal weight gain during pregnancy: determinants and consequences. NCHS Working Paper Series 33. Hyattsville, Maryland: National Center for Health Statistics. 1990.
38. Institute of Medicine. Subcommittee on Nutritional Status and Weight Gain During Pregnancy. Nutrition during pregnancy. National Academy of Sciences. Washington: National Academy Press. 1990.
39. Velentgas P, Benga-De E, Williams MA. Chronic hypertension, pregnancy-induced hypertension, and low birthweight. Epidemiology 5(3):345–48. 1993.
40. Cunningham FG, Lindheimer MD. Hypertension in pregnancy. NEJM 326(14):927–32. 1992.
41. DeBaun M, Rowley D, Province M, et al. Selected antepartum medical complications and very-low-birthweight infants among black and white women. Am J Public Health 84(9): 1495–7. 1994.
42. Buescher PA, Taylor KP, Davis MH, Bowling JM. The quality of the new birth certificate data: A validation study in North Carolina. Am J Public Health 83(8):1163–65. 1993.
43. National Institute on Drug Abuse. National Pregnancy and Health Survey—Drug use among women delivering live births: 1992. National Institutes of Health. Rockville, Maryland: U.S. Department of Health and Human Services. 1996.

44. Kleinman JC, Madans JH. The effects of maternal smoking, physical stature, and educational attainment on the incidence of low birthweight. Am J Epidemiol 121(6):843–55. 1985.
45. Schoendorf KC, Kiely JL. Relationship of sudden infant death syndrome to maternal smoking during and after pregnancy. Pediatrics 90(6):905–8. 1992.
46. Cunningham J, Dockery D, Speizer F. Maternal smoking during pregnancy as a predictor of lung function in children. Am J Epidemiol 139(12):1139–52. 1994.
47. Weitzman M, Gortmaker S, Walker DK, Sobol A. Maternal smoking and childhood asthma. Pediatrics 85(4):505–11. 1990.
48. Floyd RL, Zahniser SC, Gunter EP, Kendrick JS. Smoking during pregnancy: Prevalence, effects, and intervention strategies. Birth 18(1):48–53. 1991.
49. U.S. Department of Health and Human Services. The health benefits of smoking cessation. A report of the Surgeon General. Rockville, Maryland: Public Health Service. 1990.
50. Vega WA, Kolody B, Hwang J, Noble A. Prevalence and magnitude of perinatal substance exposures in California. NEJM 329(12):850–4. 1993.
51. Fox SH, Koepsell TD, Daling JR. Birth weight and smoking during pregnancy—Effect modification by maternal age. Am J Epidemiol 139(10):1008–15. 1994.
52. Sampson PD, Bookstein FL, Barr HM, Steissguth AP. Prenatal alcohol exposure, birthweight, and measures of child size from birth to 14 years. Am J Public Health 84(9):1421–28. 1994.
53. Roeleveld N, Vingerhoets E, Zielhuis GA, Gabreels F. Mental retardation associated with parental smoking and alcohol consumption before, during, and after pregnancy. Prev Medicine 21:110–19. 1992.
54. Graves C, Malin H, Placek P, et al. The effect of maternal alcohol and cigarette use on infant birthweight. Alcohol Health and Research World 8(1):39–40. 1983.
55. Taffel SM, Ventura SJ. The hazards of maternal smoking: Evidence from the revised certificate of live birth. Paper presented at the annual meeting of the American Public Health Association. San Francisco, California. October 27, 1993.
56. Morrow-Tlucak M, Ernhart CB, Sokol RJ, et al. Underreporting of alcohol use in pregnancy: Relationship to alcohol problem history. Alcohol Clin Exp Res 13(3):399–401. 1989.
57. Huntington J, Connell FA. For every dollar spent—the cost-savings argument for prenatal care. NEJM. 33(19):1303–7. 1994.
58. Fiscella K. Does prenatal care improve birth outcomes? A critical review. Obstet Gynecol 85(3):46–79. 1995.
59. U.S. Public Health Service. Caring for our future: The content of prenatal care. Washington: U.S. Department of Health and Human Services. 1989.
60. Lewis CT, Mathews TJ, Heuser RL. Prenatal care in the United States, 1980–94. National Center for Health Statistics. Vital Health Stat 21(54). 1996.
61. American Academy of Pediatrics and the American College of Obstetricians and Gynecologists. Guidelines for prenatal care. 1992.
62. Mathews TJ, Singh GK. Determinants of placenta previa: United States, 1992. Paper presented at the annual meeting of the Society for Epidemiologic Research. Snowbird, Utah. June 23, 1995.
63. Clarke SC, Martin JA, Taffel SM. Trends and characteristics of births attended by midwives. Stat Bulletin 78(1):9–18. 1997.
64. Rooks JP, Weatherby NL, Ernst EKM, et al. Outcomes of care in birth centers. NEJM 32(26):1804–11. 1989.
65. Curtin SC. Rates of cesarean and VBAC delivery, 1991–95. Monthly vital statistics report; vol 45 no 12, supp. Hyattsville, Maryland: National Center for Health Statistics. 1997. (In press)
66. U.S. Department of Health and Human Services. Healthy people 2000. National health promotion and disease prevention objectives. Washington: Public Health Service. 1990.
67. National Center for Health Statistics. Unpublished data from the linked birth/infant death data set, 1991 birth cohort.
68. Berkowitz GS, Papiernik E. Epidemiology of preterm birth. Epidemiologic Reviews vol 15(2):414–43. 1993.
69. American College of Obstetricians and Gynecologists. Induction of Labor. ACOG Technical Bulletin 217. Washington: American College of Obstetricians and Gynecologists. 1995.
70. Paneth NS. The problem of low birth weight. In: Center for the Future of Children. The future of children: Low birthweight. Vol 5(1):19–34. Los Altos, California: Center for the Future of Children. The David and Lucile Packard Foundation. 1995.
71. Institute of Medicine. Preventing low birthweight. National Academy of Sciences. Washington: National Academy Press. 1985.
72. Hamvas A, Wise PH, Yang RK, et al. The influence of the wider use of surfactant therapy on neonatal mortality among blacks and whites. NEJM 334(25): 1635–40. 1996.
73. Apgar V. A proposal for a new method of evaluation of the newborn infant. Current Researches in Anesthesia and Analgesia 260–267. July–Aug. 1953.
74. Piper JM, Mitchel EF, Snowden M, et al. Validation of 1989 Tennessee birth certificate using maternal and newborn hospital records. Am J Epidemiol 137(7):758–68. 1993.
75. Watkins ML, Edmonds L, McClearn A, et al. The surveillance of birth defects: The usefulness of the revised US standard birth certificate. Am J Public Health 86(5):731–734. 1996.
76. Centers for Disease Control and Prevention. State-specific variation in rates of twin births— United States, 1992–1994. MMWR 46(6):121–5. 1997.
77. Martin JA, MacDorman MF, Mathews TJ. Triplet births: Trends and outcomes, 1971–94. National Center for Health Statistics. Vital Health Stat 21(55). 1997.
78. Kiely JL, Kleinman JC, Kiely M. Triplets and higher-order multiple births: Time trends and infant mortality. AJDC 146:862–8. 1992.
79. Wilcox LS, Kiely JL, Melvin CL, Martin MC. Assisted reproductive technologies: Estimates of their contribution to multiple births and newborn hospital days in the United States. Fertility and Sterility 65(2):361–66. 1996.
80. Heuser RL. Race and ethnicity in U.S. natality tabulations. Paper presented at the annual meeting of the American Public Health Association. Chicago, Illinois. October 24, 1989.
81. Ventura SJ. U.S. fertility data by race: New tabulations from NCHS. Paper presented at the annual meeting of the American Public Health Association. Washington, DC. November 10, 1992.
82. Berkov B. An evaluation of California's inferred birth statistics for unmarried women. National Center for Health Statistics. Vital Health Stat 2(97). 1985.
83. U.S. Bureau of the Census. Age, sex, race, and Hispanic origin information from the 1990 census: A comparison of census results with results where age and race have been modified. 1990 CPH-L-74. Washington: U.S. Department of Commerce. 1991.
84. Saluter AF. Marital status and living arrangements: March 1995 (Update). U.S. Bureau of the Census. Current population reports; P-20—491. 1996. (Unpublished tabulation).
85. U.S. Bureau of the Census. Population estimates based on unpublished tabulations

prepared by the Housing and Household Economic Statistics Division.

86. Brockert JE, Stockbauer JW, Senner JW, et al. Recommended standard medical definitions for the U.S. Standard Certificate of Live Birth, 1989 revision. Paper presented at the annual meeting of the Association for Vital Records and Health Statistics. Traverse City, Michigan. June 25–27, 1990.
87. Taffel SM. Health and demographic characteristics of twin births: United States, 1988. National Center for Health Statistics. Vital Health Stat 21(50). 1992.
88. Taffel SM. Cesarean delivery in the United States, 1990. National Center for Health Statistics. Vital Health Stat 21(51). 1994.
89. Clarke SC, Ventura SJ. Birth and fertility rates for States: United States, 1990. National Center for Health Statistics. Vital Health Stat 21(52). 1994.

List of tables

1. Live births, birth rates, and fertility rates, by race: United States, specified years 1940–55 and each year, 1960–95 25
2. Live births by age of mother, live-birth order, and race of mother: United States, 1995 26
3. Birth rates by age of mother, live-birth order, and race of mother: United States, 1995 27
4. Total fertility rates and birth rates by age of mother and race: United States, 1970–95 28
5. Birth rates by live-birth order and race of mother: United States, 1980–95 31
6. Live births by age of mother, live-birth order, Hispanic origin of mother, and by race of mother for mothers of non-Hispanic origin: United States, 1995 32
7. Birth rates by race of mother, live-birth order, Hispanic origin of mother, and by race of mother for mothers of non-Hispanic origin: United States, 1995 34
8. Live births by race of mother, birth rates, and fertility rates: United States and each State, 1995 36
9. Live births by Hispanic origin of mother and by race of mother for mothers of non-Hispanic origin: United States, 1995 37
10. Total number of births, rates, and percent of births with selected demographic characteristics, by specified race of mother: United States, 1995 38
11. Total number of births, rates, and percent of births with selected demographic characteristics, by Hispanic origin of mother, and by race of mother for mothers of non-Hispanic origin: United States, 1995 38
12. Live births by race of mother and observed and seasonally adjusted birth and fertility rates, by month: United States, 1995 39
13. Live births by day of week and index of occurrence, by method of delivery, day of week, and race of mother: United States, 1995 39
14. Number, rate, and ratio of births to unmarried women by age and race of mother: United States, 1995 ... 40
15. Birth rates for unmarried women by age of mother and race: United States, 1970, 1975, and 1980–95 ... 41
16. Number and percent of births to unmarried women and number and percent of births of low birthweight, by race of mother: United States and each State, 1995 43
17. Birth rates by age and race of father: United States, 1980–95 ... 44
18. Live births by educational attainment of mother, by age and race of mother: United States, 1995 45
19. Number of live births and percent distribution by weight gain during pregnancy and median weight gain, according to period of gestation and race of mother: Total of 49 reporting States and the District of Columbia, 1995 46
20. Percent low birthweight by weight gain during pregnancy, period of gestation and race of mother: Total of 49 reporting States and the District of Columbia, 1995 47
21. Number of live births and percent distribution by weight gain during pregnancy and median weight gain, according to period of gestation, Hispanic origin of mother, and race of mother for mothers of non-Hispanic origin: Total of 49 reporting States and the District of Columbia, 1995 48
22. Percent low birthweight by weight gain during pregnancy and Hispanic origin of mother, and by race of mother for mothers of non-Hispanic origin: Total of 49 reporting States and the District of Columbia, 1995 49
23. Percent of births with selected medical or health characteristics, by specified race of mother: United States, 1995 49
24. Percent of births with selected medical or health characteristics, by Hispanic origin of mother and by race of mother for mothers of non-Hispanic origin: United States, 1995 50
25. Live births with selected medical risk factors and rates by age of mother, by race of mother: United States, 1995 51
26. Number and rate of live births with selected medical risk factors, complications of labor, and obstetric procedures, by specified race of mother: United States, 1995 52
27. Number and rate of live births with selected medical risk factors, complications of labor, and obstetric procedures, by Hispanic origin of mother and by race of mother for mothers of non-Hispanic origin: United States, 1995 53
28. Number of live births by smoking status of mother, percent smokers, and percent distribution by average number of cigarettes smoked by mothers per day, according to age and race of mother: Total of 46 reporting States, the District of Columbia, and New York City, 1995 54
29. Number of live births by smoking status of mother and percent smokers, by age and Hispanic origin of mother and by race of mother for mothers of non-Hispanic origin: Total of 46 reporting States, the District of Columbia, and New York City, 1995 55
30. Number of live births, percent of mothers who smoked cigarettes during pregnancy, and percent distribution by average number of cigarettes smoked by mothers per day, according to educational attainment and race of mother: Total of 46 reporting States, the District of Columbia, and New York City, 1995.... 56
31. Percent low birthweight by smoking status, age, and race of mother: Total of 46 reporting States, the District of Columbia, and New York City, 1995 57
32. Number of live births by drinking status of mother, percent drinkers, and percent distribution by average number of drinks per week, according to age and race of mother: Total of 48 reporting States and the District of Columbia, 1995 58
33. Live births by month of pregnancy prenatal care began and percent of mothers beginning care in the first trimester and percent with late or no care, by age and race of mother: United States, 1995 59
34. Percent of mothers beginning prenatal care in the first trimester and percent of mothers with late or no prenatal care, by race of mother: United States and each State, 1995 60
35. Live births by month of pregnancy prenatal care began, number of prenatal visits, and median number of visits, by race of mother: United States, 1995 61

36. Live births with selected obstetric procedures and rates by age of mother, by race of mother: United States, 1995 62
37. Live births with selected complications of labor and/or delivery and rates by age of mother, by race of mother: United States, 1995 63
38. Live births by attendant, place of delivery, and race of mother: United States, 1995 64
39. Live births by method of delivery and rates of cesarean delivery and vaginal birth after previous cesarean delivery, by age and race of mother: United States, 1995 65
40. Live births by method of delivery and rates of cesarean delivery and vaginal birth after previous cesarean delivery, by age and race of mother: United States, 1995 66
41. Rates of cesarean delivery and vaginal birth after previous cesarean delivery, by selected medical risk factors, complications of labor and/or delivery, and obstetric procedures: United States, 1995 67
42. Live births by period of gestation, birthweight, and percent very low and low birthweight, by period of gestation and race of mother: United States, 1995 68
43. Percents of preterm births and births of low birthweight, by race of mother: United States, 1981–95 .. 69
44. Number and percent low birthweight and number of live births by birthweight, by age and race of mother: United States, 1995 70
45. Live births with selected abnormal conditions of the newborn and rates by age of mother, by race of mother: United States, 1995 72
46. Live births with selected congenital anomalies and rates by age of mother, by race of mother: Total of 49 reporting States (excluding New York City) and the District of Columbia, 1995 73
47. Live births by plurality of birth and ratios, by age and race of mother: United States, 1995 75

Guide to tables in Report of Final Natality Statistics, 1995

TABLE:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Page:	25	26	27	28	31	32	34	36	37	38	38	39	39	40	41	43	44	45	46	47	48	49	49	50	51
Geographic area:																									
States								8	9							16									
United States or all reporting areas	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Years:																									
Current year only		2	3			6	7	8	9	10	11	12	13	14		16		18	19	20	21	22	23	24	25
Trend	1			4	5										15		17								
Type of entry:																									
Number of births	1	2				6		8	9	10	11	12	13	14		16		18	19		21				25
Rates or other measures	1		3	4	5		7	8		10	11	12	13	14	15	16	17		19	20	21	22	23	24	25
Characteristics:																									
Age of father																	17								
Age of mother		2	3	4		6	7			10	11			14	15			18							25
Alcohol use																							23	24	
Apgar score																							23	24	
Birthweight																16				20		22	23	24	
Day of week													13												
Education										10	11							18							
Gestational age																			19	20	21		23	24	
Hispanic origin of mother						6	7		9		11										21	22		24	
Live-birth order		2	3		5	6	7			10	11														
Medical risk factors																									25
Method of delivery													13										23	24	
Month of birth												12													
Nativity of mother										10	11														
Prenatal care																							23	24	
Race of father																	17								
Race of mother	[1]1	[1]2	[1]3	[1]4	5	[2]6	[2]7	[1]8	[2]9	[3]10	[2]11	12	13	14	15	16		18	19	20	[2]21	[2]22	[3]23	[2]24	25
Sex of child										10	11														
Tobacco use																							23	24	
Unmarried mothers										10	11			14	15	16									
Weight gain during pregnancy																			19	20	21	22	23	24	

TABLE:	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Page:	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	72	73	75
Geographic area:																						
States									34													
United States or all reporting areas	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Years:																						
Current year only	26	27	28	29	30	31	32	33	34	35	36	37	38		40	41	42		44	45	46	47
Trend														39				43				
Type of entry:																						
Number of births	26	27	28	29	30		32	33		35	36	37	38	39	40	41	42		44	45	46	47
Rates or other measures	26	27	28	29	30	31	32	33	34	35	36	37		39	40	41	42	43	44	45	46	47
Characteristics:																						
Abnormal conditions of newborn																				45		
Age of mother			28	29		31	32	33			36	37			40				44	45	46	47
Alcohol use							32															
Attendant at birth													38									
Birthweight						31											42	43	44			
Complications of labor	26	27										37				41						
Congenital anomalies																					46	
Education					30																	
Gestational age																	42	43				
Hispanic origin of mother		27		29																		
Medical risk factors	26	27														41						
Method of delivery														39	40	41						
Obstetric procedures	26	27									36					41						
Place of delivery													38									
Multiple births																						47
Prenatal care								33	34	35												
Race of mother	[1]26	[2]27	28	[2]29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Tobacco use			28	29	30	31																

[1]Includes American Indian and Asian or Pacific Islander.
[2]Non-Hispanic origin only.
[3]Includes American Indian, Chinese, Japanese, Hawaiian, Filipino, and other Asian or Pacific Islander.

Table 1. Live births, birth rates, and fertility rates, by race: United States, specified years 1940-55 and each year, 1960-95

[Birth rates are live births per 1,000 population in specified group. Fertility rates per 1,000 women aged 15-44 years in specified group. Population enumerated as of April 1 for census years and estimated as of July 1 for all other years. Beginning with 1970, excludes births to nonresidents of the United States]

Year	Number					Birth rate					Fertility rate				
	All races [1]	White	Black	American Indian [2]	Asian or Pacific Islander	All races [1]	White	Black	American Indian [2]	Asian or Pacific Islander	All races [1]	White	Black	American Indian [2]	Asian or Pacific Islander
Registered births															
Race of mother:															
1995	3,899,589	3,098,885	603,139	37,278	160,287	14.8	14.2	18.2	16.6	17.3	65.6	64.4	72.3	69.1	66.4
1994	3,952,767	3,121,004	636,391	37,740	157,632	15.2	14.4	19.5	17.1	17.5	66.7	64.9	76.9	70.9	66.8
1993	4,000,240	3,149,833	658,875	38,732	152,800	15.5	14.7	20.5	17.8	17.7	67.6	65.4	80.5	73.4	66.7
1992	4,065,014	3,201,678	673,633	39,453	150,250	15.9	15.0	21.3	18.4	18.0	68.9	66.5	83.2	75.4	67.2
1991	4,110,907	3,241,273	682,602	38,841	145,372	16.3	15.4	21.9	18.3	18.2	69.6	67.0	85.2	75.1	67.6
1990	4,158,212	3,290,273	684,336	39,051	141,635	16.7	15.8	22.4	18.9	19.0	70.9	68.3	86.8	76.2	69.6
1989	4,040,958	3,192,355	673,124	39,478	133,075	16.4	15.4	22.3	19.7	18.7	69.2	66.4	86.2	79.0	68.2
1988	3,909,510	3,102,083	638,562	37,088	129,035	16.0	15.0	21.5	19.3	19.2	67.3	64.5	82.6	76.8	70.2
1987	3,809,394	3,043,828	611,173	35,322	116,560	15.7	14.9	20.8	19.1	18.4	65.8	63.3	80.1	75.6	67.1
1986	3,756,547	3,019,175	592,910	34,169	107,797	15.6	14.8	20.5	19.2	18.0	65.4	63.1	78.9	75.9	66.0
1985	3,760,561	3,037,913	581,824	34,037	104,606	15.8	15.0	20.4	19.8	18.7	66.3	64.1	78.8	78.6	68.4
1984 [3]	3,669,141	2,967,100	568,138	33,256	98,926	15.6	14.8	20.1	20.1	18.8	65.5	63.2	78.2	79.8	69.2
1983 [3]	3,638,933	2,946,468	562,624	32,881	95,713	15.6	14.8	20.2	20.6	19.5	65.7	63.4	78.7	81.8	71.7
1982 [3]	3,680,537	2,984,817	568,506	32,436	93,193	15.9	15.1	20.7	21.1	20.3	67.3	64.8	80.9	83.6	74.8
1981 [3]	3,629,238	2,947,679	564,955	29,688	84,553	15.8	15.0	20.8	20.0	20.1	67.3	64.8	82.0	79.6	73.7
1980 [3]	3,612,258	2,936,351	568,080	29,389	74,355	15.9	15.1	21.3	20.7	19.9	68.4	65.6	84.7	82.7	73.2
Race of child:															
1980 [3]	3,612,258	2,898,732	589,616	36,797	—	15.9	14.9	22.1	—	—	68.4	64.7	88.1	—	—
1979 [3]	3,494,398	2,808,420	577,855	34,269	—	15.6	14.5	22.0	—	—	67.2	63.4	88.3	—	—
1978 [3]	3,333,279	2,681,116	551,540	33,160	—	15.0	14.0	21.3	—	—	65.5	61.7	86.7	—	—
1977 [3]	3,326,632	2,691,070	544,221	30,500	—	15.1	14.1	21.4	—	—	66.8	63.2	88.1	—	—
1976 [3]	3,167,788	2,567,614	514,479	29,009	—	14.6	13.6	20.5	—	—	65.0	61.5	85.8	—	—
1975 [3]	3,144,198	2,551,996	511,581	27,546	—	14.6	13.6	20.7	—	—	66.0	62.5	87.9	—	—
1974 [3]	3,159,958	2,575,792	507,162	26,631	—	14.8	13.9	20.8	—	—	67.8	64.2	89.7	—	—
1973 [3]	3,136,965	2,551,030	512,597	26,464	—	14.8	13.8	21.4	—	—	68.8	64.9	93.6	—	—
1972 [3]	3,258,411	2,655,558	531,329	27,368	—	15.6	14.5	22.5	—	—	73.1	68.9	99.9	—	—
1971 [4]	3,555,970	2,919,746	564,960	27,148	—	17.2	16.1	24.4	—	—	81.6	77.3	109.7	—	—
1970 [4]	3,731,386	3,091,264	572,362	25,864	—	18.4	17.4	25.3	—	—	87.9	84.1	115.4	—	—
1969 [4]	3,600,206	2,993,614	543,132	24,008	—	17.9	16.9	24.4	—	—	86.1	82.2	112.1	—	—
1968 [4]	3,501,564	2,912,224	531,152	24,156	—	17.6	16.6	24.2	—	—	85.2	81.3	112.7	—	—
1967 [5]	3,520,959	2,922,502	543,976	22,665	—	17.8	16.8	25.1	—	—	87.2	82.8	118.5	—	—
1966 [4]	3,606,274	2,993,230	558,244	23,014	—	18.4	17.4	26.2	—	—	90.8	86.2	124.7	—	—
1965 [4]	3,760,358	3,123,860	581,126	24,066	—	19.4	18.3	27.7	—	—	96.3	91.3	133.2	—	—
1964 [4]	4,027,490	3,369,160	607,556	24,382	—	21.1	20.0	29.5	—	—	104.7	99.8	142.6	—	—
1963 [4, 6]	4,098,020	3,326,344	580,658	22,358	—	21.7	20.7	—	—	—	108.3	103.6	—	—	—
1962 [4, 6]	4,167,362	3,394,068	584,610	21,968	—	22.4	21.4	—	—	—	112.0	107.5	—	—	—
1961 [4]	4,268,326	3,600,864	611,072	21,464	—	23.3	22.2	—	—	—	117.1	112.3	—	—	—
1960 [4]	4,257,850	3,600,744	602,264	21,114	—	23.7	22.7	31.9	—	—	118.0	113.2	153.5	—	—
Births adjusted for underregistration															
Race of child:															
1955	4,097,000	3,485,000	—	—	—	25.0	23.8	—	—	—	118.3	113.7	—	—	—
1950	3,632,000	3,108,000	—	—	—	24.1	23.0	—	—	—	106.2	102.3	—	—	—
1945	2,858,000	2,471,000	—	—	—	20.4	19.7	—	—	—	85.9	83.4	—	—	—
1940	2,559,000	2,199,000	—	—	—	19.4	18.6	—	—	—	79.9	77.1	—	—	—

— Data not available.
1 For 1960-91 includes births to races not shown separately.
2 Includes births to Aleuts and Eskimos.
3 Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Technical notes.
4 Based on a 50-percent sample of births.
5 Based on a 20- to 50-percent sample of births.
6 Figures by race exclude New Jersey.

Table 2. Live births by age of mother, live-birth order, and race of mother: United States, 1995

[Live-birth order refers to number of children born alive to mother]

Live-birth order 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
			Total	15 years	16 years	17 years	18 years	19 years						
All races	3,899,589	12,242	499,873	30,734	62,174	99,600	138,535	168,830	965,547	1,063,539	904,666	383,745	67,250	2,727
First child	1,610,453	11,827	389,704	28,919	55,731	83,207	106,028	115,819	460,523	400,890	249,474	83,508	13,951	576
Second child	1,243,433	295	88,063	1,492	5,503	13,863	26,393	40,812	320,302	369,104	325,919	121,473	17,695	582
Third child	617,755	5	15,623	57	379	1,574	4,456	9,157	125,507	182,055	191,502	89,064	13,572	427
Fourth child	237,647	-	2,265	5	23	124	507	1,606	38,553	66,576	77,370	44,242	8,361	280
Fifth child	89,463	2	292	1	2	12	61	216	10,629	23,331	29,717	20,373	4,903	216
Sixth child	37,683	-	39	-	4	3	8	24	2,790	8,947	12,817	10,088	2,847	155
Seventh child	17,238	-	15	-	-	2	5	8	677	3,414	5,931	5,248	1,844	109
Eighth child and over	18,037	-	6	-	-	-	2	4	234	2,011	5,336	6,645	3,452	353
Not stated	27,880	113	3,866	260	532	815	1,075	1,184	6,332	7,211	6,600	3,104	625	29
White	3,098,885	5,854	349,635	18,118	40,206	68,841	98,635	123,835	743,123	873,022	754,662	316,166	54,232	2,191
First child	1,287,470	5,658	280,514	17,209	36,799	59,230	78,472	88,804	370,217	338,032	210,437	70,385	11,734	493
Second child	1,008,994	124	56,911	686	2,846	8,207	16,870	28,302	250,365	309,456	276,136	100,980	14,527	495
Third child	491,536	2	8,265	27	168	745	2,245	5,080	88,780	147,240	161,921	74,010	10,977	341
Fourth child	179,355	-	898	3	4	43	195	653	22,601	49,961	62,858	36,246	6,579	212
Fifth child	62,725	2	106	1	1	5	17	82	4,873	15,349	22,487	15,987	3,758	163
Sixth child	24,858	-	18	-	3	1	5	9	1,097	5,031	8,814	7,605	2,172	121
Seventh child	10,874	-	6	-	-	1	2	3	204	1,574	3,741	3,867	1,395	87
Eighth child and over	11,117	-	5	-	-	-	2	3	101	767	2,866	4,553	2,570	255
Not stated	21,956	68	2,912	192	385	609	827	899	4,885	5,612	5,402	2,533	520	24
Black	603,139	5,927	133,694	11,534	19,960	27,618	35,372	39,210	183,435	133,535	96,084	42,507	7,702	255
First child	237,638	5,723	96,393	10,697	17,157	21,409	24,096	23,034	70,225	36,445	20,649	7,020	1,152	31
Second child	171,623	157	28,190	743	2,450	5,171	8,652	11,174	58,502	42,168	29,377	11,523	1,658	48
Third child	99,694	3	6,792	27	197	766	2,058	3,744	32,213	27,845	21,454	9,763	1,572	52
Fourth child	47,604	-	1,250	2	14	72	297	865	14,165	13,701	11,311	5,947	1,195	35
Fifth child	21,759	-	164	-	-	5	40	119	5,093	6,567	5,730	3,413	754	38
Sixth child	10,302	-	18	-	1	1	3	13	1,484	3,186	3,167	1,946	484	17
Seventh child	4,957	-	8	-	-	1	3	4	413	1,470	1,698	1,041	315	12
Eighth child and over	4,988	-	1	-	-	-	-	1	123	1,002	1,881	1,455	507	19
Not stated	4,574	44	878	65	141	193	223	256	1,217	1,151	817	399	65	3
American Indian [1]	37,278	203	7,764	526	979	1,520	2,178	2,561	11,969	8,571	5,777	2,488	493	13
First child	13,627	199	5,964	503	880	1,255	1,626	1,700	4,556	1,839	773	251	43	2
Second child	9,927	4	1,497	22	90	238	475	672	4,049	2,490	1,366	458	62	1
Third child	6,195	-	236	-	4	15	61	156	2,115	1,936	1,287	534	84	3
Fourth child	3,577	-	22	-	-	2	3	17	845	1,189	1,005	444	70	2
Fifth child	1,951	-	8	-	1	-	2	5	272	620	657	303	90	1
Sixth child	939	-	-	-	-	-	-	-	72	276	350	203	38	-
Seventh child	473	-	1	-	-	-	-	1	14	120	184	117	37	-
Eighth child and over	429	-	-	-	-	-	-	-	-	60	132	168	65	4
Not stated	160	-	36	1	4	10	11	10	46	41	23	10	4	-
Asian or Pacific Islander	160,287	258	8,780	556	1,029	1,621	2,350	3,224	27,020	48,411	48,143	22,584	4,823	268
First child	71,718	247	6,833	510	895	1,313	1,834	2,281	15,525	24,574	17,615	5,852	1,022	50
Second child	52,889	10	1,465	41	117	247	396	664	7,386	14,990	19,040	8,512	1,448	38
Third child	20,330	-	330	3	10	48	92	177	2,399	5,034	6,840	4,757	939	31
Fourth child	7,111	-	95	-	5	7	12	71	942	1,725	2,196	1,605	517	31
Fifth child	3,028	-	14	-	-	2	2	10	391	795	843	670	301	14
Sixth child	1,584	-	3	-	-	1	-	2	137	454	486	334	153	17
Seventh child	934	-	-	-	-	-	-	-	46	250	308	223	97	10
Eighth child and over	1,503	-	-	-	-	-	-	-	10	182	457	469	310	75
Not stated	1,190	1	40	2	2	3	14	19	184	407	358	162	36	2

- Quantity zero.
[1] Includes births to Aleuts and Eskimos.

Table 3. Birth rates by age of mother, live-birth order, and race of mother: United States, 1995

[Rates are live births per 1,000 women in specified age and racial group. Live-birth order refers to number of children born alive to mother. Figures for live-birth order not stated are distributed]

Live-birth order and race of mother	15-44 years [1]	Age of mother									
		10-14 years	15-19 years			20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
			Total	15-17 years	18-19 years						
All races	65.6	1.3	56.8	36.0	89.1	109.8	112.2	82.5	34.3	6.6	0.3
First child	27.3	1.3	44.6	31.6	64.8	52.7	42.6	22.9	7.5	1.4	0.1
Second child	21.1	0.0	10.1	3.9	19.6	36.7	39.2	29.9	11.0	1.7	0.1
Third child	10.5	*	1.8	0.4	4.0	14.4	19.3	17.6	8.0	1.3	0.0
Fourth child	4.0	*	0.3	0.0	0.6	4.4	7.1	7.1	4.0	0.8	0.0
Fifth child	1.5	*	0.0	*	0.1	1.2	2.5	2.7	1.8	0.5	0.0
Sixth and seventh child	0.9	*	0.0	*	0.0	0.4	1.3	1.7	1.4	0.5	0.0
Eighth child and over	0.3	*	*	*	*	0.0	0.2	0.5	0.6	0.3	0.0
White	64.4	0.8	50.1	30.0	81.2	106.3	114.8	84.6	34.5	6.4	0.3
First child	26.9	0.8	40.6	27.0	61.5	53.3	44.7	23.8	7.7	1.4	0.1
Second child	21.1	0.0	8.2	2.8	16.6	36.0	40.9	31.2	11.1	1.7	0.1
Third child	10.3	*	1.2	0.2	2.7	12.8	19.5	18.3	8.1	1.3	0.0
Fourth child	3.8	*	0.1	0.0	0.3	3.3	6.6	7.1	4.0	0.8	0.0
Fifth child	1.3	*	0.0	*	0.0	0.7	2.0	2.5	1.8	0.4	0.0
Sixth and seventh child	0.7	*	0.0	*	*	0.2	0.9	1.4	1.3	0.4	0.0
Eighth child and over	0.2	*	*	*	*	0.0	0.1	0.3	0.5	0.3	0.0
Black	72.3	4.2	96.1	69.7	137.1	137.1	98.6	64.0	28.7	6.0	0.3
First child	28.7	4.1	69.7	58.5	87.2	52.8	27.1	13.9	4.8	0.9	0.0
Second child	20.7	0.1	20.4	9.9	36.7	44.0	31.4	19.7	7.9	1.3	0.0
Third child	12.0	*	4.9	1.2	10.7	24.2	20.7	14.4	6.7	1.2	0.1
Fourth child	5.7	*	0.9	0.1	2.2	10.7	10.2	7.6	4.1	0.9	0.0
Fifth child	2.6	*	0.1	*	0.3	3.8	4.9	3.9	2.3	0.6	0.0
Sixth and seventh child	1.8	*	0.0	*	0.0	1.4	3.5	3.3	2.0	0.6	0.0
Eighth child and over	0.6	*	*	*	*	0.1	0.7	1.3	1.0	0.4	*
American Indian [2]	69.1	1.8	78.0	47.8	130.7	132.5	98.4	62.2	27.7	6.1	*
First child	25.4	1.7	60.2	41.9	92.1	50.6	21.2	8.4	2.8	0.5	*
Second child	18.5	*	15.1	5.6	31.8	45.0	28.7	14.8	5.1	0.8	*
Third child	11.5	*	2.4	*	6.0	23.5	22.3	13.9	6.0	1.1	*
Fourth child	6.7	*	0.2	*	0.6	9.4	13.7	10.9	5.0	0.9	*
Fifth child	3.6	*	*	*	*	3.0	7.1	7.1	3.4	1.1	*
Sixth and seventh child	2.6	*	*	*	*	1.0	4.6	5.8	3.6	0.9	*
Eighth child and over	0.8	*	*	*	*	*	0.7	1.4	1.9	0.8	*
Asian or Pacific Islander	66.4	0.7	26.1	15.4	43.4	72.4	113.4	106.9	52.4	12.1	0.8
First child	29.9	0.7	20.4	13.1	32.2	41.9	58.0	39.4	13.7	2.6	0.2
Second child	22.1	*	4.4	2.0	8.3	19.9	35.4	42.6	19.9	3.7	0.1
Third child	8.5	*	1.0	0.3	2.1	6.5	11.9	15.3	11.1	2.4	0.1
Fourth child	3.0	*	0.3	*	0.6	2.5	4.1	4.9	3.8	1.3	0.1
Fifth child	1.3	*	*	*	*	1.1	1.9	1.9	1.6	0.8	*
Sixth and seventh child	1.1	*	*	*	*	0.5	1.7	1.8	1.3	0.6	0.1
Eighth child and over	0.6	*	*	*	*	*	0.4	1.0	1.1	0.8	0.2

* Figure does not meet standards of reliability or precision.
0.0 Quantity more than zero but less than 0.05.
1 Rates computed by relating total births, regardless of age of mother, to women aged 15-44 years.
2 Includes births to Aleuts and Eskimos.

Table 4. Total fertility rates and birth rates by age of mother and race: United States, 1970-95

[Total fertility rates are sums of birth rates for 5-year age groups multiplied by 5. Birth rates are live births per 1,000 women in specified group, enumerated as of April 1 for 1970, 1980 and 1990, and estimated as of July 1 for all other years]

Year and race	Total fertility rate	Age of mother									
		10-14 years	15-19 years			20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
			Total	15-17 years	18-19 years						
All races [1]											
1995	2,019.0	1.3	56.8	36.0	89.1	109.8	112.2	82.5	34.3	6.6	0.3
1994	2,036.0	1.4	58.9	37.6	91.5	111.1	113.9	81.5	33.7	6.4	0.3
1993	2,046.0	1.4	59.6	37.8	92.1	112.6	115.5	80.8	32.9	6.1	0.3
1992	2,065.0	1.4	60.7	37.8	94.5	114.6	117.4	80.2	32.5	5.9	0.3
1991	2,073.0	1.4	62.1	38.7	94.4	115.7	118.2	79.5	32.0	5.5	0.2
1990	2,081.0	1.4	59.9	37.5	88.6	116.5	120.2	80.8	31.7	5.5	0.2
1989	2,014.0	1.4	57.3	36.4	84.2	113.8	117.6	77.4	29.9	5.2	0.2
1988	1,934.0	1.3	53.0	33.6	79.9	110.2	114.4	74.8	28.1	4.8	0.2
1987	1,872.0	1.3	50.6	31.7	78.5	107.9	111.6	72.1	26.3	4.4	0.2
1986	1,837.5	1.3	50.2	30.5	79.6	107.4	109.8	70.1	24.4	4.1	0.2
1985	1,844.0	1.2	51.0	31.0	79.6	108.3	111.0	69.1	24.0	4.0	0.2
1984 [2]	1,806.5	1.2	50.6	31.0	77.4	106.8	108.7	67.0	22.9	3.9	0.2
1983 [2]	1,799.0	1.1	51.4	31.8	77.4	107.8	108.5	64.9	22.0	3.9	0.2
1982 [2]	1,827.5	1.1	52.4	32.3	79.4	111.6	111.0	64.1	21.2	3.9	0.2
1981 [2]	1,812.0	1.1	52.2	32.0	80.0	112.2	111.5	61.4	20.0	3.8	0.2
1980 [2]	1,839.5	1.1	53.0	32.5	82.1	115.1	112.9	61.9	19.8	3.9	0.2
1979 [2]	1,808.0	1.2	52.3	32.3	81.3	112.8	111.4	60.3	19.5	3.9	0.2
1978 [2]	1,760.0	1.2	51.5	32.2	79.8	109.9	108.5	57.8	19.0	3.9	0.2
1977 [2]	1,789.5	1.2	52.8	33.9	80.9	112.9	111.0	56.4	19.2	4.2	0.2
1976 [2]	1,738.0	1.2	52.8	34.1	80.5	110.3	106.2	53.6	19.0	4.3	0.2
1975 [2]	1,774.0	1.3	55.6	36.1	85.0	113.0	108.2	52.3	19.5	4.6	0.3
1974 [2]	1,835.0	1.2	57.5	37.3	88.7	117.7	111.5	53.8	20.2	4.8	0.3
1973 [2]	1,879.0	1.2	59.3	38.5	91.2	119.7	112.2	55.6	22.1	5.4	0.3
1972 [2]	2,010.0	1.2	61.7	39.0	96.9	130.2	117.7	59.8	24.8	6.2	0.4
1971 [3]	2,266.5	1.1	64.5	38.2	105.3	150.1	134.1	67.3	28.7	7.1	0.4
1970 [3]	2,480.0	1.2	68.3	38.8	114.7	167.8	145.1	73.3	31.7	8.1	0.5
White											
Race of mother:											
1995	1,989.0	0.8	50.1	30.0	81.2	106.3	114.8	84.6	34.5	6.4	0.3
1994	1,985.0	0.8	51.1	30.7	82.1	106.2	115.5	83.2	33.7	6.2	0.3
1993	1,982.0	0.8	51.1	30.3	82.1	106.9	116.6	82.1	32.7	5.9	0.3
1992	1,993.5	0.8	51.8	30.1	83.8	108.2	118.4	81.4	32.2	5.7	0.2
1991	1,995.5	0.8	52.8	30.7	83.5	109.0	118.8	80.5	31.8	5.2	0.2
1990	2,003.0	0.7	50.8	29.5	78.0	109.8	120.7	81.7	31.5	5.2	0.2
1989	1,931.0	0.7	47.9	28.1	72.9	106.9	117.8	78.1	29.7	4.9	0.2
1988	1,856.5	0.6	44.4	26.0	69.6	103.7	114.8	75.4	27.7	4.5	0.2
1987	1,804.5	0.6	42.5	24.6	68.9	102.3	112.3	73.0	25.9	4.1	0.2
1986	1,776.0	0.6	42.3	23.8	70.1	102.7	110.8	70.9	23.9	3.8	0.2
1985	1,787.0	0.6	43.3	24.4	70.4	104.1	112.3	69.9	23.3	3.7	0.2
1984 [2]	1,748.5	0.6	42.9	24.3	68.4	102.7	109.8	67.7	22.2	3.6	0.2
1983 [2]	1,740.5	0.6	43.9	25.0	68.8	103.8	109.4	65.3	21.3	3.6	0.2
1982 [2]	1,767.0	0.6	45.0	25.5	70.8	107.7	111.9	64.0	20.4	3.6	0.2
1981 [2]	1,748.0	0.5	44.9	25.4	71.5	108.3	112.3	61.0	19.0	3.4	0.2
1980 [2]	1,773.0	0.6	45.4	25.5	73.2	111.1	113.8	61.2	18.8	3.5	0.2

See footnotes at end of table.

Table 4. Total fertility rates and birth rates by age of mother and race: United States, 1970-95-Con.

[Total fertility rates are sums of birth rates for 5-year age groups multiplied by 5. Birth rates are live births per 1,000 women in specified group, enumerated as of April 1 for 1970, 1980 and 1990, and estimated as of July 1 for all other years]

Year and race	Total fertility rate	Age of mother									
		10-14 years	15-19 years			20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
			Total	15-17 years	18-19 years						
White - con.											
Race of child:											
1980 [2]	1,748.5	0.6	44.7	25.2	72.1	109.5	112.4	60.4	18.5	3.4	0.2
1979 [2]	1,715.5	0.6	43.7	24.7	71.0	107.0	110.8	59.0	18.3	3.5	0.2
1978 [2]	1,667.5	0.6	42.9	24.9	69.4	104.1	107.9	56.6	17.7	3.5	0.2
1977 [2]	1,703.0	0.6	44.1	26.1	70.5	107.7	110.9	55.3	18.0	3.8	0.2
1976 [2]	1,652.0	0.6	44.1	26.3	70.2	105.3	105.9	52.6	17.8	3.9	0.2
1975 [2]	1,686.0	0.6	46.4	28.0	74.0	108.2	108.1	51.3	18.2	4.2	0.2
1974 [2]	1,748.5	0.6	47.9	28.7	77.3	113.0	111.8	52.9	18.9	4.4	0.2
1973 [2]	1,783.0	0.6	49.0	29.2	79.3	114.4	112.3	54.4	20.7	4.9	0.3
1972 [2]	1,906.5	0.5	51.0	29.3	84.3	124.8	117.4	58.4	23.3	5.6	0.3
1971 [3]	2,160.5	0.5	53.6	28.5	92.3	144.9	134.0	65.4	26.9	6.4	0.4
1970 [3]	2,385.0	0.5	57.4	29.2	101.5	163.4	145.9	71.9	30.0	7.5	0.4
Black											
Race of mother:											
1995	2,175.0	4.2	96.1	69.7	137.1	137.1	98.6	64.0	28.7	6.0	0.3
1994	2,300.0	4.6	104.5	76.3	148.3	146.0	104.0	65.8	28.9	5.9	0.3
1993	2,384.5	4.6	108.6	79.8	151.9	152.6	108.4	67.3	29.2	5.9	0.3
1992	2,442.0	4.7	112.4	81.3	157.9	158.0	111.2	67.5	28.8	5.6	0.2
1991	2,480.0	4.8	115.5	84.1	158.6	160.9	113.1	67.7	28.3	5.5	0.2
1990	2,480.0	4.9	112.8	82.3	152.9	160.2	115.5	68.7	28.1	5.5	0.3
1989	2,432.5	5.1	111.5	81.9	151.9	156.8	114.4	66.3	26.7	5.4	0.3
1988	2,298.0	4.9	102.7	75.7	142.7	149.7	108.2	63.1	25.6	5.1	0.3
1987	2,198.0	4.8	97.6	72.1	135.8	142.7	104.3	60.6	24.6	4.8	0.2
1986	2,135.5	4.7	95.8	69.3	135.1	137.3	101.1	59.3	23.8	4.8	0.3
1985	2,109.0	4.5	95.4	69.3	132.4	135.0	100.2	57.9	23.9	4.6	0.3
1984 [2]	2,070.5	4.4	94.1	69.2	128.1	132.2	98.4	56.7	23.3	4.8	0.2
1983 [2]	2,066.0	4.1	93.9	69.6	127.1	131.9	98.4	56.2	23.3	5.1	0.3
1982 [2]	2,106.5	4.0	94.3	69.7	128.9	135.4	101.3	57.5	23.3	5.1	0.4
1981 [2]	2,117.5	4.0	94.5	69.3	131.0	136.5	102.3	57.4	23.1	5.4	0.3
1980 [2]	2,176.5	4.3	97.8	72.5	135.1	140.0	103.9	59.9	23.5	5.6	0.3
Race of child:											
1980 [2]	2,266.0	4.3	100.0	73.6	138.8	146.3	109.1	62.9	24.5	5.8	0.3
1979 [2]	2,263.2	4.6	101.7	75.7	140.4	146.3	108.2	60.7	24.7	6.1	0.4
1978 [2]	2,218.0	4.4	100.9	75.0	139.7	143.8	105.4	58.3	24.3	6.1	0.4
1977 [2]	2,251.0	4.7	104.7	79.6	142.9	144.4	106.4	57.5	25.4	6.6	0.5
1976 [2]	2,187.0	4.7	104.9	80.3	142.5	140.5	101.6	53.6	24.8	6.8	0.5
1975 [2]	2,243.0	5.1	111.8	85.6	152.4	142.8	102.2	53.1	25.6	7.5	0.5
1974 [2]	2,298.5	5.0	116.5	90.0	158.7	146.7	102.2	54.1	27.0	7.6	0.6
1973 [2]	2,411.0	5.4	123.1	98.0	166.6	153.1	103.9	58.1	29.4	8.6	0.6
1972 [2]	2,601.0	5.1	129.8	99.5	179.5	165.0	112.4	64.0	33.4	9.8	0.7
1971 [3]	2,902.0	5.1	134.5	99.4	192.6	186.6	128.0	74.8	38.9	11.6	0.9
1970 [3]	3,099.5	5.2	140.7	101.4	204.9	202.7	136.3	79.6	41.9	12.5	1.0

See footnotes at end of table.

Table 4. Total fertility rates and birth rates by age of mother and race: United States, 1970-95-Con.

[Total fertility rates are sums of birth rates for 5-year age groups multiplied by 5. Birth rates are live births per 1,000 women in specified group, enumerated as of April 1 for 1970, 1980 and 1990, and estimated as of July 1 for all other years]

Year and race	Total fertility rate	Age of mother									
		10-14 years	15-19 years			20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
			Total	15-17 years	18-19 years						
American Indian [4]											
Race of mother:											
1995	2,033.5	1.8	78.0	47.8	130.7	132.5	98.4	62.2	27.7	6.1	*
1994	2,080.0	1.9	80.8	51.3	130.3	134.2	104.1	61.2	27.5	5.9	0.4
1993	2,141.0	1.4	83.1	53.7	130.7	139.8	107.6	62.8	27.6	5.9	*
1992	2,190.0	1.6	84.4	53.8	132.6	145.5	109.4	63.0	28.0	6.1	*
1991	2,169.0	1.6	85.0	52.7	134.3	144.9	106.9	61.9	27.2	5.9	0.4
1990	2,183.0	1.6	81.1	48.5	129.3	148.7	110.3	61.5	27.5	5.9	*
1989	2,247.0	1.5	82.7	51.6	128.9	152.4	114.2	64.8	27.4	6.4	*
1988	2,153.5	1.7	77.5	49.7	121.1	145.2	110.9	64.5	25.6	5.3	*
1987	2,099.0	1.7	77.2	48.8	122.2	140.0	107.9	63.0	24.4	5.6	*
1986	2,082.0	1.8	78.1	48.7	125.3	138.8	107.9	60.7	23.8	5.3	*
1985	2,128.0	1.7	79.2	47.7	124.1	139.1	109.6	62.6	27.4	6.0	*
1984 [2]	2,136.0	1.7	81.5	50.7	124.7	142.4	109.2	60.5	26.3	5.6	*
1983 [2]	2,180.5	1.9	84.2	55.2	121.4	145.5	113.7	58.9	25.5	6.4	*
1982 [2]	2,213.0	1.4	83.5	52.6	127.6	148.1	115.8	60.9	26.9	6.0	*
1981 [2]	2,090.0	2.1	78.4	49.7	121.5	141.2	105.6	58.9	25.2	6.6	*
1980 [2]	2,162.5	1.9	82.2	51.5	129.5	143.7	106.6	61.8	28.1	8.2	*
Asian or Pacific Islander											
Race of mother:											
1995	1,924.0	0.7	26.1	15.4	43.4	72.4	113.4	106.9	52.4	12.1	0.8
1994	1,943.0	0.7	27.1	16.1	44.1	73.1	118.6	105.2	51.3	11.6	1.0
1993	1,935.5	0.6	27.0	16.0	43.3	73.3	119.9	103.9	50.2	11.3	0.9
1992	1,942.0	0.7	26.6	15.2	43.1	74.6	121.0	103.0	50.6	11.0	0.9
1991	1,956.0	0.8	27.4	16.1	43.1	75.2	123.2	103.3	49.0	11.2	1.1
1990	2,002.5	0.7	26.4	16.0	40.2	79.2	126.3	106.5	49.6	10.7	1.1
1989	1,947.5	0.6	25.6	15.0	40.4	78.8	124.0	102.3	47.0	10.2	1.0
1988	1,983.5	0.6	24.2	13.6	39.6	80.7	128.0	104.4	47.5	10.3	1.0
1987	1,886.0	0.6	22.4	12.6	37.0	79.7	122.7	97.0	44.2	9.5	1.1
1986	1,836.0	0.5	22.8	12.1	38.8	79.2	119.9	92.6	41.9	9.3	1.0
1985	1,885.0	0.4	23.8	12.5	40.8	83.6	123.0	93.6	42.7	8.7	1.2
1984 [2]	1,892.0	0.5	24.2	12.6	40.7	86.7	124.3	92.4	40.6	8.7	1.0
1983 [2]	1,943.5	0.5	26.1	12.9	44.5	94.0	126.2	93.3	39.4	8.2	1.0
1982 [2]	2,015.5	0.4	29.4	14.0	50.8	98.9	130.9	94.4	39.2	8.8	1.1
1981 [2]	1,976.0	0.3	28.5	13.4	49.5	96.4	129.1	93.4	38.0	8.6	0.9
1980 [2]	1,953.5	0.3	26.2	12.0	46.2	93.3	127.4	96.0	38.3	8.5	0.7

* Figure does not meet standards of reliability or precision.
1 For 1970-91 includes births to races not shown separately.
2 Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Technical notes.
3 Based on a 50-percent sample of births.
4 Includes births to Aleuts and Eskimos.

Table 5. Birth rates by live-birth order and race of mother: United States, 1980-95

[Rates are live births per 1,000 women aged 15-44 years, enumerated as of April 1 for 1980 and 1990, and estimated as of July 1 for all other years. Figures for live-birth order not stated are distributed]

Year and race of mother	Total	Live-birth order						
		1	2	3	4	5	6 and 7	8 and over
All races [1]								
1995	65.6	27.3	21.1	10.5	4.0	1.5	0.9	0.3
1994	66.7	27.5	21.5	10.7	4.2	1.6	1.0	0.3
1993	67.6	27.5	21.9	11.0	4.3	1.6	1.0	0.3
1992	68.9	27.8	22.3	11.3	4.4	1.7	1.0	0.3
1991	69.6	28.3	22.4	11.4	4.5	1.7	1.0	0.3
1990	70.9	29.0	22.8	11.7	4.5	1.7	1.0	0.3
1989	69.2	28.4	22.4	11.3	4.3	1.6	0.9	0.3
1988	67.3	27.6	22.0	10.9	4.1	1.5	0.9	0.3
1987	65.8	27.2	21.6	10.5	3.9	1.4	0.8	0.3
1986	65.4	27.2	21.6	10.3	3.8	1.4	0.8	0.3
1985	66.3	27.6	22.0	10.4	3.8	1.4	0.8	0.3
1984 [2]	65.5	27.4	21.7	10.1	3.7	1.4	0.9	0.3
1983 [2]	65.7	27.8	21.5	10.1	3.7	1.4	0.9	0.3
1982 [2]	67.3	28.6	22.0	10.2	3.8	1.4	0.9	0.3
1981 [2]	67.3	29.0	21.6	10.1	3.8	1.5	0.9	0.4
1980 [2]	68.4	29.5	21.8	10.3	3.9	1.5	1.0	0.4
White								
1995	64.4	26.9	21.1	10.3	3.8	1.3	0.7	0.2
1994	64.9	27.0	21.4	10.4	3.8	1.3	0.8	0.2
1993	65.4	27.0	21.7	10.5	3.9	1.4	0.8	0.2
1992	66.5	27.3	22.0	10.8	4.0	1.4	0.8	0.2
1991	67.0	27.8	22.0	10.8	4.0	1.4	0.8	0.2
1990	68.3	28.4	22.4	11.1	4.0	1.4	0.8	0.2
1989	66.4	27.6	21.9	10.7	3.8	1.3	0.7	0.2
1988	64.5	26.8	21.6	10.4	3.6	1.2	0.7	0.2
1987	63.3	26.5	21.3	10.0	3.5	1.2	0.7	0.2
1986	63.1	26.6	21.3	9.8	3.4	1.2	0.7	0.2
1985	64.1	27.0	21.8	9.9	3.4	1.2	0.7	0.2
1984 [2]	63.2	26.8	21.4	9.6	3.3	1.2	0.7	0.2
1983 [2]	63.4	27.2	21.2	9.5	3.3	1.2	0.7	0.2
1982 [2]	64.8	28.0	21.6	9.6	3.4	1.2	0.7	0.3
1981 [2]	64.8	28.4	21.1	9.5	3.4	1.2	0.8	0.3
1980 [2]	65.6	28.8	21.3	9.6	3.4	1.3	0.8	0.3
Black								
1995	72.3	28.7	20.7	12.0	5.7	2.6	1.8	0.6
1994	76.9	29.8	22.2	13.1	6.3	2.9	2.0	0.6
1993	80.5	30.2	23.4	14.1	6.9	3.1	2.2	0.7
1992	83.2	30.6	24.3	15.0	7.2	3.3	2.2	0.6
1991	85.2	31.5	25.0	15.4	7.4	3.3	2.1	0.6
1990	86.8	32.4	25.6	15.6	7.4	3.2	2.0	0.6
1989	86.2	32.9	25.4	15.3	7.1	3.0	1.9	0.6
1988	82.6	31.8	24.6	14.4	6.6	2.8	1.8	0.5
1987	80.1	31.2	23.8	13.9	6.3	2.7	1.7	0.5
1986	78.9	31.0	23.4	13.5	6.1	2.6	1.7	0.5
1985	78.8	31.0	23.4	13.4	6.1	2.6	1.7	0.5
1984 [2]	78.1	30.9	23.0	13.2	6.0	2.6	1.7	0.6
1983 [2]	78.7	31.1	23.1	13.2	6.1	2.7	1.8	0.6
1982 [2]	80.9	31.7	23.9	13.8	6.3	2.7	1.8	0.7
1981 [2]	82.0	32.3	24.2	13.7	6.3	2.8	1.9	0.8
1980 [2]	84.9	33.7	24.7	14.0	6.5	2.9	2.1	0.9

[1] Includes races other than white and black.
[2] Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States: see Technical notes.

Table 6. Live births by age of mother, live-birth order, Hispanic origin of mother and by race of mother for mothers of non-Hispanic origin: United States, 1995

[Live-birth order refers to number of children born alive to mother. Includes births with stated origin of mother only]

Live-birth order and origin 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
			Total	15 years	16 years	17 years	18 years	19 years						
Hispanic														
Total	679,768	3,187	118,449	8,322	16,185	24,168	31,710	38,064	208,211	178,258	115,063	46,964	9,257	379
First child	261,379	3,037	89,138	7,722	14,199	19,299	23,114	24,804	91,809	48,093	21,301	6,762	1,189	50
Second child	199,842	97	22,965	446	1,602	3,994	6,843	10,080	71,718	60,317	32,789	10,371	1,551	34
Third child	118,755	1	4,051	20	116	464	1,169	2,282	30,307	40,923	30,183	11,424	1,812	54
Fourth child	53,363	-	498	3	2	34	111	348	9,140	17,506	16,451	8,162	1,557	49
Fifth child	22,204	2	64	-	-	3	5	56	2,295	6,380	7,590	4,751	1,083	39
Sixth child	9,367	-	13	-	3	1	1	8	594	2,311	3,234	2,469	707	39
Seventh child	4,279	-	5	-	-	1	1	3	127	792	1,492	1,315	517	31
Eighth child and over	3,837	-	1	-	-	-	-	1	63	410	1,134	1,392	763	74
Not stated	6,742	50	1,714	131	263	372	466	482	2,158	1,526	889	318	78	9
Mexican American	469,615	2,319	85,781	5,995	11,667	17,366	23,024	27,729	151,485	122,606	72,487	28,937	5,758	242
First child	176,500	2,215	64,304	5,536	10,245	13,813	16,738	17,972	65,331	29,681	11,014	3,350	576	29
Second child	135,708	67	16,881	335	1,139	2,930	5,016	7,461	53,263	41,137	18,343	5,278	723	16
Third child	83,261	1	2,882	16	76	326	820	1,644	22,438	29,993	20,058	6,836	1,024	29
Fourth child	39,274	-	346	3	1	20	77	245	6,715	13,333	12,143	5,692	1,020	25
Fifth child	16,724	-	43	-	-	1	5	37	1,658	4,816	5,869	3,518	791	29
Sixth child	7,221	-	8	-	2	-	1	5	399	1,757	2,567	1,921	541	28
Seventh child	3,342	-	2	-	-	1	-	1	86	599	1,167	1,054	413	21
Eighth child and over	3,018	-	1	-	-	-	-	1	34	298	854	1,133	637	61
Not stated	4,567	36	1,314	105	204	275	367	363	1,561	992	472	155	33	4
Puerto Rican	54,824	371	12,522	986	1,870	2,688	3,325	3,653	16,848	12,990	8,172	3,305	591	25
First child	21,952	346	9,077	911	1,596	2,067	2,305	2,198	6,533	3,534	1,800	567	92	3
Second child	16,031	14	2,544	53	222	477	769	1,023	5,578	4,235	2,623	884	149	4
Third child	9,111	-	562	2	14	80	173	293	2,902	2,781	1,920	803	139	4
Fourth child	3,908	-	83	-	-	7	24	52	1,088	1,267	901	480	85	4
Fifth child	1,581	-	12	-	-	1	-	11	316	561	388	255	48	1
Sixth child	712	-	2	-	-	1	-	1	108	251	188	138	24	1
Seventh child	322	-	3	-	-	-	1	2	23	103	111	62	18	2
Eighth child and over	299	-	-	-	-	-	-	-	17	67	117	74	22	2
Not stated	908	11	239	20	38	55	53	73	283	191	124	42	14	4
Cuban	12,473	11	954	53	117	173	268	343	2,400	3,642	3,873	1,346	242	5
First child	5,479	10	804	51	114	151	219	269	1,477	1,680	1,149	308	50	1
Second child	4,407	1	132	2	3	20	47	60	706	1,363	1,636	486	82	1
Third child	1,829	-	15	-	-	2	2	11	163	446	774	365	65	1
Fourth child	454	-	2	-	-	-	-	2	38	95	195	104	18	2
Fifth child	154	-	-	-	-	-	-	-	6	30	67	42	9	-
Sixth child	61	-	-	-	-	-	-	-	1	8	20	19	13	-
Seventh child	18	-	-	-	-	-	-	-	-	1	5	10	2	-
Eighth child and over	17	-	-	-	-	-	-	-	-	3	8	5	1	-
Not stated	54	-	1	-	-	-	-	1	9	16	19	7	2	-
Central and South American	94,996	188	9,874	599	1,170	1,966	2,645	3,494	23,554	27,361	22,029	9,881	2,026	83
First child	37,630	183	7,891	569	1,058	1,666	2,064	2,534	12,438	9,553	5,340	1,856	356	13
Second child	29,265	4	1,628	27	93	252	485	771	7,375	9,574	7,476	2,746	454	8
Third child	16,624	-	245	1	7	24	74	139	2,694	5,287	5,349	2,578	453	18
Fourth child	6,504	-	23	-	1	3	3	16	676	1,838	2,234	1,389	329	15
Fifth child	2,495	-	4	-	-	1	-	3	121	625	895	666	177	7
Sixth child	915	-	1	-	-	-	-	1	30	178	301	294	104	7
Seventh child	386	-	-	-	-	-	-	-	5	45	135	140	55	6
Eighth child and over	328	-	-	-	-	-	-	-	8	22	90	123	77	8
Not stated	849	1	82	2	11	20	19	30	207	239	209	89	21	1
Other and unknown Hispanic	47,860	298	9,318	689	1,361	1,975	2,448	2,845	13,924	11,659	8,502	3,495	640	24
First child	19,818	283	7,062	655	1,186	1,602	1,788	1,831	6,030	3,645	1,998	681	115	4
Second child	14,431	11	1,780	29	145	315	526	765	4,796	4,008	2,711	977	143	5
Third child	7,930	-	347	1	19	32	100	195	2,110	2,416	2,082	842	131	2
Fourth child	3,223	-	44	-	-	4	7	33	623	973	978	497	105	3
Fifth child	1,250	2	5	-	-	-	-	5	194	348	371	270	58	2
Sixth child	458	-	2	-	1	-	-	1	56	117	158	97	25	3
Seventh child	211	-	-	-	-	-	-	-	13	44	74	49	29	2
Eighth child and over	175	-	-	-	-	-	-	-	4	20	65	57	26	3
Not stated	364	2	78	4	10	22	27	15	98	88	65	25	8	-

See footnotes at end of table.

Table 6. Live births by age of mother, live-birth order, Hispanic origin of mother and by race of mother for mothers of non-Hispanic origin: United States, 1995 -Con.

[Live-birth order refers to number of children born alive to mother. Includes births with stated origin of mother only]

Live-birth order and origin 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
			Total	15 years	16 years	17 years	18 years	19 years					
Non-Hispanic													
Total [1]	3,160,495	8,960	376,116	22,147	45,418	74,324	105,369	128,858	745,674	869,005	772,754	329,153	56,532	2,301
First child	1,326,279	8,704	296,493	20,952	41,028	62,977	81,804	89,732	363,415	346,378	223,254	75,068	12,449	518
Second child	1,025,260	196	64,291	1,036	3,864	9,756	19,321	30,314	244,893	303,572	287,252	108,735	15,778	543
Third child	490,147	4	11,428	37	261	1,100	3,254	6,776	93,792	138,876	158,183	75,978	11,522	364
Fourth child	181,071	-	1,749	2	20	89	391	1,247	28,989	48,217	59,835	35,379	6,674	228
Fifth child	66,064	-	227	1	2	9	56	159	8,227	16,601	21,731	15,357	3,744	177
Sixth child	27,781	-	25	-	1	2	7	15	2,171	6,517	9,388	7,477	2,090	113
Seventh child	12,717	-	10	-	-	1	4	5	545	2,576	4,341	3,861	1,307	77
Eighth child and over	13,706	-	4	-	-	-	2	2	167	1,575	4,063	5,078	2,553	266
Not stated	17,470	56	1,889	119	242	390	530	608	3,475	4,693	4,707	2,220	415	15
White	2,382,638	2,711	230,024	9,848	24,056	44,439	66,529	85,152	529,499	684,135	627,126	263,469	43,895	1,779
First child	1,012,498	2,667	190,449	9,534	22,635	39,717	55,011	63,552	275,914	285,225	185,222	62,290	10,295	436
Second child	797,171	27	33,889	249	1,260	4,230	10,020	18,130	176,880	245,746	238,736	88,749	12,685	459
Third child	367,528	1	4,211	8	53	284	1,085	2,781	57,930	105,143	129,580	61,381	9,003	279
Fourth child	124,401	-	402	-	1	10	84	307	13,383	32,053	45,820	27,632	4,948	163
Fifth child	40,008	-	44	1	1	2	12	28	2,558	8,837	14,712	11,088	2,644	125
Sixth child	15,249	-	6	-	-	-	4	2	504	2,671	5,499	5,052	1,435	82
Seventh child	6,501	-	1	-	-	-	1	-	82	771	2,213	2,513	866	55
Eighth child and over	6,908	-	3	-	-	-	2	1	38	359	1,633	3,019	1,687	169
Not stated	12,374	16	1,019	56	106	196	310	351	2,210	3,330	3,711	1,745	332	11
Black	587,781	5,822	130,907	11,322	19,564	27,026	34,644	38,351	179,209	129,752	93,126	41,265	7,454	246
First child	231,599	5,624	94,301	10,500	16,810	20,923	23,582	22,486	68,343	35,357	20,018	6,811	1,115	30
Second child	167,349	155	27,688	733	2,413	5,085	8,494	10,963	57,207	40,948	28,512	11,184	1,608	47
Third child	97,184	3	6,683	26	195	757	2,027	3,678	31,624	27,077	20,766	9,458	1,522	51
Fourth child	46,496	-	1,235	2	14	70	293	856	13,931	13,393	10,968	5,782	1,154	33
Fifth child	21,296	-	163	-	-	5	40	118	5,034	6,413	5,590	3,334	725	37
Sixth child	10,106	-	16	-	1	1	3	11	1,465	3,142	3,088	1,910	469	16
Seventh child	4,853	-	8	-	-	1	3	4	404	1,445	1,654	1,020	310	12
Eighth child and over	4,896	-	1	-	-	-	-	1	120	980	1,850	1,431	496	18
Not stated	4,002	40	812	61	131	184	202	234	1,081	997	680	335	55	2

- Quantity zero.
[1] Includes races other than white and black.

Table 7. Birth rates by age of mother, live-birth order, Hispanic origin of mother, and by race of mother for mothers of non-Hispanic origin: United States, 1995

[Live-birth order refers to number of children born alive to mother. Figures for live-birth order not stated are distributed]

Live-birth order and origin of mother	15-44 years [1]	Age of mother									
		10-14 years	15-19 years			20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
			Total	15-17 years	18-19 years						
Hispanic											
Total	105.0	2.7	106.7	72.9	157.9	188.5	153.8	95.9	44.9	10.8	0.6
First child	40.8	2.6	81.5	62.7	109.9	84.0	41.9	17.9	6.5	1.4	0.1
Second child	31.2	0.1	21.0	9.2	38.8	65.6	52.5	27.5	10.0	1.8	0.1
Third child	18.5	*	3.7	0.9	7.9	27.7	35.6	25.3	11.0	2.1	0.1
Fourth child	8.3	*	0.5	0.1	1.1	8.4	15.2	13.8	7.9	1.8	0.1
Fifth child	3.5	*	0.1	*	0.1	2.1	5.6	6.4	4.6	1.3	0.1
Sixth and seventh child	2.1	*	*	*	*	0.7	2.7	4.0	3.6	1.4	0.1
Eighth child and over	0.6	*	*	*	*	0.1	0.4	1.0	1.3	0.9	0.1
Mexican American	117.0	2.8	124.6	84.4	185.3	208.9	160.5	98.5	46.8	11.9	0.7
First child	44.4	2.7	94.8	72.5	128.6	91.0	39.2	15.1	5.5	1.2	0.1
Second child	34.1	0.1	24.9	10.8	46.2	74.2	54.3	25.1	8.6	1.5	*
Third child	21.0	*	4.3	1.0	9.1	31.3	39.6	27.4	11.1	2.1	0.1
Fourth child	9.9	*	0.5	0.1	1.2	9.4	17.6	16.6	9.3	2.1	0.1
Fifth child	4.2	*	0.1	*	0.2	2.3	6.4	8.0	5.7	1.7	0.1
Sixth and seventh child	2.7	*	*	*	*	0.7	3.1	5.1	4.8	2.0	0.1
Eighth child and over	0.8	*	*	*	*	0.0	0.4	1.2	1.8	1.3	0.2
Puerto Rican	75.7	3.0	89.0	61.2	139.2	151.5	107.2	64.8	27.7	5.6	0.3
First child	30.8	2.9	65.7	51.5	91.5	59.8	29.6	14.5	4.8	0.9	*
Second child	22.5	*	18.4	8.5	36.4	51.0	35.5	21.1	7.5	1.4	*
Third child	12.8	*	4.1	1.1	9.5	26.5	23.3	15.5	6.8	1.3	*
Fourth child	5.5	*	0.6	*	1.5	10.0	10.6	7.3	4.1	0.8	*
Fifth child	2.2	*	*	*	*	2.9	4.7	3.1	2.2	0.5	*
Sixth and seventh child	1.5	*	*	*	*	1.2	3.0	2.4	1.7	0.4	*
Eighth child and over	0.4	*	*	*	*	*	0.6	0.9	0.6	0.2	*
Cuban	55.1	*	29.2	16.6	51.2	77.0	110.6	88.0	29.8	6.0	*
First child	24.3	*	24.7	15.3	41.0	47.6	51.2	26.2	6.9	1.2	*
Second child	19.6	*	4.0	1.2	9.0	22.8	41.6	37.4	10.8	2.1	*
Third child	8.1	*	*	*	*	5.3	13.6	17.7	8.1	1.6	*
Fourth child	2.0	*	*	*	*	1.2	2.9	4.5	2.3	*	*
Fifth child	0.7	*	*	*	*	*	0.9	1.5	0.9	*	*
Sixth and seventh child	0.3	*	*	*	*	*	*	0.6	0.6	*	*
Eighth child and over	*	*	*	*	*	*	*	*	*	*	*
Other Hispanic [2]	94.5	2.4	77.5	54.8	107.8	158.3	161.8	103.7	50.9	11.6	0.6
First child	38.3	2.4	60.9	48.0	78.1	78.6	55.2	25.2	9.7	2.1	*
Second child	29.1	*	13.9	6.1	24.2	51.8	56.8	34.9	14.3	2.6	*
Third child	16.4	*	2.4	0.6	4.8	20.4	32.2	25.5	13.1	2.6	0.1
Fourth child	6.5	*	0.3	*	0.6	5.5	11.8	11.0	7.2	1.9	*
Fifth child	2.5	*	*	*	*	1.3	4.1	4.3	3.6	1.0	*
Sixth and seventh child	1.3	*	*	*	*	0.4	1.6	2.3	2.2	0.9	*
Eighth child and over	0.3	*	*	*	*	*	0.2	0.5	0.7	0.5	*

See footnotes at end of table.

Table 7. Birth rates by age of mother, live-birth order, Hispanic origin of mother, and by race of mother for mothers of non-Hispanic origin: United States, 1995 -Con.

[Live-birth order refers to number of children born alive to mother. Figures for live-birth order not stated are distributed]

Live-birth order and origin of mother	15-44 years [1]	Age of mother									
		10-14 years	15-19 years			20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
			Total	15-17 years	18-19 years						
Non-Hispanic [3]											
Total [4]	60.8	1.1	49.6	30.7	79.0	98.5	106.4	80.9	33.2	6.2	0.3
First child	25.6	1.1	39.3	27.2	58.2	48.2	42.7	23.5	7.6	1.4	0.1
Second child	19.8	0.0	8.5	3.2	16.8	32.5	37.4	30.2	11.1	1.7	0.1
Third child	9.5	*	1.5	0.3	3.4	12.4	17.1	16.6	7.7	1.3	0.0
Fourth child	3.5	*	0.2	0.0	0.6	3.8	5.9	6.3	3.6	0.7	0.0
Fifth child	1.3	*	0.0	*	0.1	1.1	2.1	2.3	1.6	0.4	0.0
Sixth and seventh child	0.8	*	0.0	*	0.0	0.4	1.1	1.4	1.1	0.4	0.0
Eighth child and over	0.3	*	*	*	*	0.0	0.2	0.4	0.5	0.3	0.0
White	57.6	0.4	39.3	22.0	66.1	90.0	106.5	82.0	32.9	5.9	0.3
First child	24.6	0.4	32.6	20.3	51.9	47.1	44.7	24.4	7.8	1.4	0.1
Second child	19.4	0.0	5.8	1.6	12.3	30.2	38.4	31.4	11.1	1.7	0.1
Third child	8.9	*	0.7	0.1	1.7	9.9	16.4	17.0	7.7	1.2	0.0
Fourth child	3.0	*	0.1	*	0.2	2.3	5.0	6.0	3.5	0.7	0.0
Fifth child	1.0	*	0.0	*	0.0	0.4	1.4	1.9	1.4	0.4	0.0
Sixth and seventh child	0.5	*	*	*	*	0.1	0.5	1.0	1.0	0.3	0.0
Eighth child and over	0.2	*	*	*	*	0.0	0.1	0.2	0.4	0.2	0.0
Black	74.5	4.3	99.3	72.1	141.9	141.7	102.0	65.9	29.4	6.1	0.3
First child	29.5	4.2	72.0	60.5	90.1	54.4	28.0	14.3	4.9	0.9	0.0
Second child	21.3	0.1	21.1	10.3	38.0	45.5	32.4	20.3	8.0	1.3	0.0
Third child	12.4	*	5.1	1.2	11.2	25.1	21.4	14.8	6.8	1.3	0.1
Fourth child	5.9	*	0.9	0.1	2.2	11.1	10.6	7.8	4.1	1.0	0.0
Fifth child	2.7	*	0.1	*	0.3	4.0	5.1	4.0	2.4	0.6	0.0
Sixth and seventh child	1.9	*	0.0	*	0.0	1.5	3.6	3.4	2.1	0.6	0.0
Eighth child and over	0.6	*	*	*	*	0.1	0.8	1.3	1.0	0.4	*

0.0 Quantity more than zero but less than 0.05.
* Figure does not meet standards of reliability or precision.
1 Rates computed by relating total births, regardless of age of mother, to women aged 15-44 years.
2 Includes Central and South American and other and unknown Hispanic.
3 Includes origin not stated.
4 Includes races other than white and black.

Table 8. Live births by race of mother, birth rates, and fertility rates: United States and each State, Puerto Rico, Virgin Islands, and Guam, 1995

[By place of residence. Birth rates per 1,000 estimated population in each area; fertility rates per 1,000 women aged 15-44 years estimated in each area]

State	Number					Birth rate	Fertility rate
	All races	White	Black	American Indian [1]	Asian or Pacific Islander		
United States [2]	3,899,589	3,098,885	603,139	37,278	160,287	14.8	65.6
Alabama	60,329	39,759	19,868	119	583	14.2	61.9
Alaska	10,244	7,014	445	2,310	475	17.0	73.2
Arizona	72,463	63,777	2,238	5,103	1,345	17.2	79.5
Arkansas	35,175	26,984	7,676	216	299	14.2	65.0
California	552,045	449,889	40,260	3,523	58,373	17.5	76.6
Colorado	54,332	49,634	2,619	572	1,507	14.5	62.5
Connecticut	44,334	37,643	5,396	117	1,178	13.5	61.0
Delaware	10,266	7,689	2,362	23	192	14.3	61.2
District of Columbia	9,014	2,023	6,780	9	202	16.3	65.3
Florida	188,723	142,326	42,142	554	3,701	13.3	64.9
Georgia	112,282	71,811	38,462	177	1,832	15.6	64.5
Hawaii	18,595	4,968	564	182	12,881	15.7	72.2
Idaho	18,035	17,477	74	258	226	15.5	70.5
Illinois	185,812	142,225	37,507	267	5,813	15.7	69.3
Indiana	82,835	73,145	8,737	132	821	14.3	62.2
Iowa	36,810	34,931	992	161	726	13.0	59.9
Kansas	37,201	33,125	2,890	348	838	14.5	66.1
Kentucky	52,377	47,127	4,784	77	389	13.6	59.0
Louisiana	65,641	37,519	26,844	276	1,002	15.1	65.2
Maine	13,896	13,554	79	107	156	11.2	49.7
Maryland	72,396	46,970	22,674	165	2,587	14.4	60.6
Massachusetts	81,648	70,242	7,778	149	3,479	13.4	57.9
Michigan	134,642	106,509	25,015	802	2,316	14.1	61.3
Minnesota	63,263	56,702	2,905	1,061	2,595	13.7	60.5
Mississippi	41,344	21,578	19,244	194	328	15.3	66.5
Missouri	73,028	60,720	11,017	244	1,047	13.7	61.5
Montana	11,142	9,858	40	1,141	103	12.8	60.2
Nebraska	23,243	21,294	1,220	350	379	14.2	64.5
Nevada	25,056	21,567	1,895	388	1,206	16.4	75.2
New Hampshire	14,665	14,386	89	23	167	12.8	54.2
New Jersey	114,828	87,435	20,973	393	6,027	14.5	64.8
New Mexico	26,920	22,694	508	3,349	369	16.0	71.6
New York	271,369	199,079	56,213	617	15,460	15.0	66.1
North Carolina	101,592	71,413	26,909	1,461	1,809	14.1	61.7
North Dakota	8,476	7,634	70	666	106	13.2	61.3
Ohio	154,064	129,185	22,802	231	1,846	13.8	61.0
Oklahoma	45,672	36,038	4,497	4,328	809	13.9	64.3
Oregon	42,811	39,736	873	629	1,573	13.6	62.2
Pennsylvania	151,850	126,987	21,445	207	3,211	12.6	57.8
Rhode Island	12,776	11,289	915	139	433	12.9	57.3
South Carolina	50,926	31,875	18,410	106	535	13.9	59.3
South Dakota	10,475	8,693	100	1,565	117	14.4	66.9
Tennessee	73,173	55,964	16,156	164	889	13.9	60.6
Texas	322,753	275,090	38,727	765	8,171	17.2	74.5
Utah	39,577	37,610	243	622	1,102	20.3	86.2
Vermont	6,783	6,659	39	9	76	11.6	50.2
Virginia	92,578	67,450	21,307	158	3,663	14.0	58.6
Washington	77,228	67,306	2,962	1,699	5,261	14.2	62.1
West Virginia	21,162	20,237	807	14	104	11.6	52.7
Wisconsin	67,479	58,155	6,518	878	1,928	13.2	58.8
Wyoming	6,261	5,910	69	230	52	13.0	59.3
Puerto Rico	[3]63,425	58,430	4,794	—	—	—	—
Virgin Islands	2,063	411	1,595	41	16	—	—
Guam	4,180	429	62	9	3,680	—	—

— Data not available.
1 Includes births to Aleuts and Eskimos.
2 Excludes data for Puerto Rico, Virgin Islands, and Guam.
3 Includes races other than white and black.

Table 9. Live births by Hispanic origin of mother and by race of mother for mothers of non-Hispanic origin: United States and each State, Puerto Rico, Virgin Islands, and Guam, 1995

[By place of residence]

State	All origins	Origin of mother									
		Hispanic						Non-Hispanic			Not stated
		Total	Mexican American	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total [1]	White	Black	
United States [2]	3,899,589	679,768	469,615	54,824	12,473	94,996	47,860	3,160,495	2,382,638	587,781	59,326
Alabama	60,329	758	483	92	20	107	56	59,544	39,073	19,830	27
Alaska	10,244	574	236	56	4	54	224	9,625	6,581	421	45
Arizona	72,463	25,504	24,538	193	41	429	303	46,727	38,474	2,166	232
Arkansas	35,175	1,004	837	23	7	100	37	34,107	25,962	7,648	64
California	552,045	254,001	218,238	2,008	828	27,207	5,720	296,073	196,695	39,284	1,971
Colorado	54,332	11,523	7,291	185	29	249	3,769	42,580	38,142	2,518	229
Connecticut	44,334	5,505	294	3,839	80	1,000	292	37,060	30,867	4,974	1,769
Delaware	10,266	585	232	237	2	102	12	9,670	7,134	2,326	11
District of Columbia	9,014	685	30	16	4	564	71	8,267	1,354	6,736	62
Florida	188,723	34,509	6,584	5,860	8,517	11,433	2,115	154,120	108,831	41,191	94
Georgia	112,282	5,067	3,697	368	79	665	258	106,672	66,497	38,217	543
Hawaii	18,595	2,029	407	608	9	58	947	16,555	4,311	540	11
Idaho	18,035	2,040	1,791	12	4	50	183	15,892	15,375	71	103
Illinois	185,812	32,166	26,168	3,075	196	898	1,829	153,562	110,180	37,308	84
Indiana	82,835	2,546	1,921	271	20	131	203	80,120	70,525	8,674	169
Iowa	36,810	1,279	1,009	35	8	108	119	35,270	33,463	963	261
Kansas	37,201	2,828	2,370	71	14	140	233	34,019	30,010	2,857	354
Kentucky	52,377	493	260	74	28	70	61	51,836	46,634	4,759	48
Louisiana	65,641	1,158	405	172	54	280	247	64,454	36,448	26,784	29
Maine	13,896	112	25	12	1	15	59	13,565	13,248	66	219
Maryland	72,396	3,155	509	245	51	1,747	603	68,479	43,477	22,348	762
Massachusetts	81,648	8,109	321	4,077	92	3,195	424	72,943	63,067	6,272	596
Michigan	134,642	4,781	3,196	425	68	236	856	123,293	95,715	24,679	6,568
Minnesota	63,263	1,915	1,439	68	10	194	204	55,828	49,834	2,705	5,520
Mississippi	41,344	220	110	16	10	18	66	41,083	21,321	19,241	41
Missouri	73,028	1,288	942	73	16	131	126	71,680	59,423	10,990	60
Montana	11,142	282	175	6	-	7	94	10,470	9,226	33	390
Nebraska	23,243	1,615	1,259	18	7	150	181	21,214	19,289	1,209	414
Nevada	25,056	6,124	4,989	122	117	646	250	18,865	15,459	1,863	67
New Hampshire	14,665	214	48	65	4	17	80	13,919	13,659	75	532
New Jersey	114,828	18,835	2,105	7,225	890	8,235	380	95,203	69,375	19,518	790
New Mexico	26,920	12,900	4,351	36	53	74	8,386	14,017	9,914	473	3
New York	271,369	54,193	6,161	16,127	499	24,269	7,137	186,364	121,349	49,730	30,812
North Carolina	101,592	4,244	2,935	413	60	592	244	97,329	67,262	26,833	19
North Dakota	8,476	147	83	11	1	15	37	8,213	7,375	68	116
Ohio	154,064	2,801	1,277	1,147	42	162	173	150,960	126,215	22,702	303
Oklahoma	45,672	2,356	1,704	90	6	94	462	43,259	33,727	4,469	57
Oregon	42,811	5,002	4,639	42	14	215	92	37,774	34,781	860	35
Pennsylvania	151,850	6,572	764	4,432	97	664	615	144,979	120,544	21,062	299
Rhode Island	12,776	1,554	80	482	12	863	117	9,440	8,256	683	1,782
South Carolina	50,926	763	427	107	16	115	98	50,124	31,127	18,393	39
South Dakota	10,475	116	79	8	-	15	14	10,350	8,590	97	9
Tennessee	73,173	1,111	629	128	44	104	206	72,038	54,875	16,130	24
Texas	322,753	137,131	121,720	882	264	6,398	7,867	185,054	137,816	38,434	568
Utah	39,577	3,110	2,327	59	18	326	380	36,405	34,496	231	62
Vermont	6,783	27	7	8	2	5	5	6,376	6,268	33	380
Virginia	92,578	4,841	932	493	85	2,459	872	87,653	62,660	21,209	84
Washington	77,228	8,502	7,119	198	32	221	932	66,096	56,839	2,757	2,630
West Virginia	21,162	90	33	11	1	9	36	21,066	20,162	806	6
Wisconsin	67,479	2,856	2,002	595	17	140	102	64,598	55,365	6,476	25
Wyoming	6,261	548	437	8	-	20	83	5,705	5,368	69	8
Puerto Rico	63,425	—	—	—	—	—	—	—	—	—	63,425
Virgin Islands	2,063	422	51	316	3	23	29	1,583	106	1,432	58
Guam	4,180	51	29	14	-	2	6	4,113	389	61	16

- Quantity zero.
— Data not available.
1 Includes races other than white and black.
2 Excludes data for Puerto Rico, Virgin Islands, and Guam.

Table 10. Total number of births, rates, and percent of births with selected demographic characteristics, by specified race of mother: United States, 1995

Characteristic	All races	White	Black	American Indian [1]	Asian or Pacific Islander					
					Total	Chinese	Japanese	Hawaiian	Filipino	Other
	Number									
Births	3,899,589	3,098,885	603,139	37,278	160,287	27,380	8,901	5,787	30,551	87,668
	Rate									
Birth rate [2]	14.8	14.2	18.2	16.6	17.3	—	—	—	—	—
Fertility rate [3]	65.6	64.4	72.3	69.1	66.4	—	—	—	—	—
Total fertility rate [4]	2,019.0	1,989.0	2,175.0	2,033.5	1,924.0	—	—	—	—	—
Sex Ratio [5]	1,049	1,052	1,031	1,040	1,069	1,068	1,054	1,009	1,079	1,071
	Percent									
Births to mothers under 20 years	13.1	11.5	23.1	21.4	5.6	0.9	2.5	19.1	6.2	6.3
Fourth- and higher-order births	10.3	9.4	15.0	19.9	8.9	2.5	3.7	15.1	6.8	11.7
Births to unmarried mothers	32.2	25.3	69.9	57.2	16.3	7.9	10.8	49.0	19.5	16.2
Mothers completing 12 years or more of school	77.4	78.4	71.3	67.0	83.9	87.1	97.4	82.4	92.0	78.8
Mothers born in the 50 States and D.C.	81.5	83.0	90.1	96.3	16.4	9.3	45.3	98.3	16.6	10.2

— Data not available.
1 Includes births to Aleuts and Eskimos.
2 Rate per 1,000 population.
3 Rate per 1,000 women aged 15–44 years.
4 Rates are sums of birth rates for 5-year age groups multiplied by 5.
5 Male live births per 1,000 female live births.

Table 11. Total number of births, rates, and percent of births with selected demographic characteristics, by Hispanic origin of mother and by race of mother for mothers of non-Hispanic origin: United States, 1995

Characteristic	All origins [1]	Hispanic						Non-Hispanic		
		Total	Mexican American	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total [2]	White	Black
	Number									
Births	3,899,589	679,768	469,615	54,824	12,473	94,996	47,860	3,160,495	2,382,638	587,781
	Rate									
Birth rate [3]	14.8	25.2	26.9	19.7	11.0	[7]25.3		13.7	12.6	18.8
Fertility rate [4]	65.6	105.0	117.0	75.7	55.1	[7]94.5		60.8	57.6	74.5
Total fertility rate [5]	2,019.0	3,019.5	3,273.5	2,245.5	1,705.5	[7]2,834.0		1,881.0	1,786.5	2,245.0
Sex Ratio [6]	1,049	1,041	1,040	1,056	1,051	1,043	1,031	1,051	1,054	1,031
	Percent									
Births to mothers under 20 years	13.1	17.9	18.8	23.5	7.7	10.6	20.1	12.2	9.8	23.3
Fourth- and higher-order births	10.3	13.8	15.0	12.7	5.7	11.3	11.2	9.6	8.1	15.0
Births to unmarried mothers	32.2	40.8	38.1	60.0	23.8	44.1	44.0	30.4	21.2	70.0
Mothers completing 12 years or more of school	77.4	47.9	41.4	61.4	85.6	58.3	66.2	83.6	86.7	71.4
Mothers born in the 50 States and D.C.	81.5	38.4	38.4	61.0	35.8	7.6	74.6	90.6	95.3	91.1

1 Includes origin not stated.
2 Includes races other than white and black.
3 Rate per 1,000 population.
4 Rate per 1,000 women aged 15–44 years.
5 Rates are sums of birth rates for 5-year age groups multiplied by 5.
6 Male live births per 1,000 female live births.
7 Includes Central and South American and other and unknown Hispanic.

Table 12. Live births by race of mother and observed and seasonally adjusted birth and fertility rates, by month: United States, 1995

[Rates on an annual basis per 1,000 population for specified month. Birth rates based on the total population. Fertility rates based on women aged 15-44 years]

Month	Number			Observed		Seasonally adjusted [1]	
	All races [2]	White	Black	Birth rate	Fertility rate	Birth rate	Fertility rate
Total	3,899,589	3,098,885	603,139	14.8	65.6	...	...
January	316,013	247,157	52,832	14.2	62.7	15.0	66.1
February	295,094	232,993	47,365	14.7	64.8	14.9	65.9
March	328,503	261,656	50,385	14.8	65.1	14.8	65.5
April	309,119	248,145	45,475	14.3	63.3	14.6	64.3
May	334,543	269,092	48,942	15.0	66.3	15.2	67.1
June	329,805	263,657	49,827	15.3	67.5	15.0	66.2
July	340,873	270,909	52,873	15.3	67.5	14.8	65.3
August	350,737	279,349	54,209	15.7	69.5	15.0	66.3
September	339,103	269,969	51,969	15.7	69.4	14.9	65.9
October	330,012	262,025	50,694	14.7	65.3	14.9	65.9
November	310,817	245,875	48,418	14.3	63.6	14.7	65.2
December	314,970	248,058	50,150	14.1	62.3	14.4	63.6

... Category not applicable.
[1] The method of seasonal adjustment, developed by the U.S. Bureau of the Census, is described in *The X11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15 (1967 revision).
[2] Includes races other than white and black.

Table 13. Live births by day of week and index of occurrence by method of delivery, day of week, and race of mother: United States, 1995

Day of week and race of mother	Average number of births	Index of occurrence [1]				
		Total [2]	Method of delivery			
			Vaginal	Cesarean		
				Total	Primary	Repeat
All races [3]	10,684	100.0	100.0	100.0	100.0	100.0
Sunday	8,034	75.2	80.4	55.9	65.9	38.5
Monday	10,719	100.3	99.5	103.5	97.3	114.3
Tuesday	11,888	111.3	109.3	118.6	114.9	125.0
Wednesday	11,801	110.5	108.6	117.3	114.8	121.7
Thursday	11,800	110.4	108.6	117.4	114.3	122.8
Friday	11,758	110.1	106.8	122.1	115.9	132.7
Saturday	8,838	82.7	87.2	66.0	77.6	46.2
White	8,490	100.0	100.0	100.0	100.0	100.0
Sunday	6,222	73.3	78.6	53.4	63.9	35.8
Monday	8,552	100.7	99.8	104.3	97.7	115.5
Tuesday	9,519	112.1	110.2	119.4	115.9	125.2
Wednesday	9,444	111.2	109.4	118.4	115.9	122.5
Thursday	9,448	111.3	109.4	118.3	115.1	123.8
Friday	9,408	110.8	107.5	123.4	116.6	134.9
Saturday	6,881	81.1	85.7	63.7	75.7	43.5
Black	1,652	100.0	100.0	100.0	100.0	100.0
Sunday	1,364	82.6	87.2	65.9	74.7	49.9
Monday	1,622	98.2	97.7	100.0	95.3	108.7
Tuesday	1,793	108.5	106.3	116.5	111.9	124.8
Wednesday	1,781	107.8	106.1	113.3	110.6	118.4
Thursday	1,772	107.2	105.5	113.4	110.6	118.4
Friday	1,769	107.0	104.4	116.6	113.1	122.9
Saturday	1,472	89.1	93.1	75.0	84.4	57.8

[1] Index is the ratio of the average number of births by a specified method of delivery on a given day of the week to the average daily number of births by a specified method of delivery for the year, multiplied by 100.
[2] Includes method of delivery not stated.
[3] Includes races other than white and black.

Table 14. Number, rate, and ratio of births to unmarried women by age, race, and Hispanic origin of mother: United States, 1995

Age of mother	Number				Rate per 1,000 unmarried women in specified group				Ratio per 1,000 live births			
	All races [1]	White	Black	Hispanic [2]	All races [1]	White	Black	Hispanic [2]	All races [1]	White	Black	Hispanic [2]
All ages	1,253,976	784,992	421,489	277,602	[3]45.1	[3]37.5	[3]75.9	[3]95.0	321.6	253.3	698.8	408.4
Under 15 years	11,441	5,196	5,876	2,741	—	—	—	—	934.6	887.6	991.4	860.1
15-19 years	375,738	236,546	127,241	79,669	44.4	35.5	92.8	78.7	751.7	676.6	951.7	672.6
15 years	27,590	15,291	11,383	6,718					897.7	844.0	986.9	807.3
16 years	53,235	32,034	19,581	12,418	30.5	23.6	68.6	56.3	856.2	796.7	981.0	767.3
17 years	80,315	51,090	26,802	17,214					806.4	742.1	970.5	712.3
18 years	103,284	66,435	33,543	20,881	67.6	55.4	131.2	117.9	745.5	673.5	948.3	658.5
19 years	111,314	71,696	35,932	22,438					659.3	579.0	916.4	589.5
20-24 years	432,003	271,466	145,134	93,742	70.3	58.0	127.7	148.9	447.4	365.3	791.2	450.2
25-29 years	228,614	143,006	75,815	55,431	56.1	48.7	84.8	133.8	215.0	163.8	567.8	311.0
30-34 years	133,282	82,392	44,690	30,375	39.6	34.2	54.3	89.2	147.3	109.2	465.1	264.0
35-39 years	60,234	37,931	19,271	12,845	19.5	16.9	25.6	43.4	157.0	120.0	453.4	273.5
40 years and over	12,664	8,455	3,462	2,799	[4]4.7	[4]4.2	[4]6.0	[4]12.2	181.0	149.9	435.1	290.5

— Data not available.
1 Includes races other than white and black.
2 Persons of Hispanic origin may be of any race.
3 Rates computed by relating total births to unmarried mothers, regardless of age of mother, to unmarried women aged 15-44 years.
4 Rates computed by relating births to unmarried mothers aged 40 years and over to unmarried women aged 40-44 years.

NOTE: For 45 States and the District of Columbia, marital status of mother is reported on the birth certificate; for 5 States, mother's marital status is inferred; see Technical notes.

Table 15. Birth rates for unmarried women by age of mother and race: United States, 1970, 1975, and 1980-95

[Rates are live births to unmarried women per 1,000 unmarried women in specified group, estimated as of July 1]

Year and race	Age of Mother								
	15-44 years [1]	15-19 years			20-24 years	25-29 years	30-34 years	35-39 years	40-44 years [2]
		Total	15-17 years	18-19 years					
All races [3]									
1995 [4]	45.1	44.4	30.5	67.6	70.3	56.1	39.6	19.5	4.7
1994 [4]	46.9	46.4	32.0	70.1	72.2	59.0	40.1	19.8	4.7
1993 [4]	45.3	44.5	30.6	66.9	69.2	57.1	38.5	19.0	4.4
1992 [4]	45.2	44.6	30.4	67.3	68.5	56.5	37.9	18.8	4.1
1991 [4]	45.2	44.8	30.9	65.7	68.0	56.5	38.1	18.0	3.8
1990 [4]	43.8	42.5	29.6	60.7	65.1	56.0	37.6	17.3	3.6
1989 [4]	41.6	40.1	28.7	56.0	61.2	52.8	34.9	16.0	3.4
1988 [4]	38.5	36.4	26.4	51.5	56.0	48.5	32.0	15.0	3.2
1987 [4]	36.0	33.8	24.5	48.9	52.6	44.5	29.6	13.5	2.9
1986 [4]	34.2	32.3	22.8	48.0	49.3	42.2	27.2	12.2	2.7
1985 [4]	32.8	31.4	22.4	45.9	46.5	39.9	25.2	11.6	2.5
1984 [4, 5]	31.0	30.0	21.9	42.5	43.0	37.1	23.3	10.9	2.5
1983 [4, 5]	30.3	29.5	22.0	40.7	41.8	35.5	22.4	10.2	2.6
1982 [4, 5]	30.0	28.7	21.5	39.6	41.5	35.1	21.9	10.0	2.7
1981 [4, 5]	29.5	27.9	20.9	39.0	41.1	34.5	20.8	9.8	2.6
1980 [4, 5]	29.4	27.6	20.6	39.0	40.9	34.0	21.1	9.7	2.6
1980 [5, 6]	28.4	27.5	20.7	38.7	39.7	31.4	18.5	8.4	2.3
1975 [5, 6]	24.5	23.9	19.3	32.5	31.2	27.5	17.9	9.1	2.6
1970 [6, 7]	26.4	22.4	17.1	32.9	38.4	37.0	27.1	13.6	3.5
White									
Race of mother:									
1995 [4]	37.5	35.5	23.6	55.4	58.0	48.7	34.2	16.9	4.2
1994 [4]	38.3	36.2	24.1	56.4	58.1	49.7	34.2	17.3	4.3
1993 [4]	35.9	33.6	22.1	52.4	54.2	46.7	32.2	16.4	3.9
1992 [4]	35.2	33.0	21.6	51.5	52.7	45.4	31.5	16.2	3.6
1991 [4]	34.6	32.8	21.8	49.6	51.5	44.6	31.1	15.2	3.2
1990 [4]	32.9	30.6	20.4	44.9	48.2	43.0	29.9	14.5	3.2
1989 [4]	30.2	28.0	19.3	40.2	43.8	39.1	26.8	13.1	2.9
1988 [4]	27.4	25.3	17.6	36.8	39.2	35.4	24.2	12.1	2.7
1987 [4]	25.3	23.2	16.2	34.5	36.6	32.0	22.3	10.7	2.4
1986 [4]	23.9	21.8	14.9	33.5	34.2	30.5	20.1	9.7	2.2
1985 [4]	22.5	20.8	14.5	31.2	31.7	28.5	18.4	9.0	2.0
1984 [4, 5]	20.6	19.3	13.7	27.9	28.5	25.5	16.8	8.4	2.0
1983 [4, 5]	19.8	18.7	13.6	26.4	27.1	23.8	15.9	7.8	2.0
1982 [4, 5]	19.3	18.0	13.1	25.3	26.5	23.1	15.3	7.4	2.1
1981 [4, 5]	18.6	17.2	12.6	24.6	25.8	22.3	14.2	7.2	1.9
1980 [4, 5]	18.1	16.5	12.0	24.1	25.1	21.5	14.1	7.1	1.8
Race of child:									
1980 [5, 6]	16.2	15.9	11.7	22.8	22.4	17.3	10.5	5.3	1.4
1975 [5, 6]	12.4	12.0	9.6	16.5	15.5	14.8	9.8	5.4	1.5
1970 [6, 7]	13.9	10.9	7.5	17.6	22.5	21.1	14.2	7.6	2.0

See footnotes at end of table.

Table 15. Birth rates for unmarried women by age of mother and race: United States, 1970, 1975, and 1980-95-Con.

[Rates are live births to unmarried women per 1,000 unmarried women in specified group, estimated as of July 1]

Year and race	Age of Mother								
	15-44 years [1]	15-19 years			20-24 years	25-29 years	30-34 years	35-39 years	40-44 years [2]
		Total	15-17 years	18-19 years					
Black									
Race of mother:									
1995 [4]	75.9	92.8	68.6	131.2	127.7	84.8	54.3	25.6	6.0
1994 [4]	82.1	100.9	75.1	141.6	138.1	93.6	57.2	26.3	5.9
1993 [4]	84.0	102.4	76.8	141.6	142.2	94.5	57.3	25.9	5.8
1992 [4]	86.5	105.9	78.0	147.8	144.3	98.2	57.7	25.8	5.4
1991 [4]	89.5	108.5	80.4	148.7	147.5	100.9	60.1	25.6	5.4
1990 [4]	90.5	106.0	78.8	143.7	144.8	105.3	61.5	25.5	5.1
1989 [4]	90.7	104.5	78.9	140.9	142.4	102.9	60.5	24.9	5.0
1988 [4]	86.5	96.1	73.5	130.5	133.6	97.2	57.4	24.1	5.0
1987 [4]	82.6	90.9	69.9	123.0	126.1	91.6	53.1	22.4	4.7
1986 [4]	79.0	88.5	67.0	121.1	118.0	84.6	50.0	20.6	4.4
1985 [4]	77.0	87.6	66.8	117.9	113.1	79.3	47.5	20.4	4.3
1984 [4, 5]	75.2	86.1	66.5	113.6	107.9	77.8	43.8	19.4	4.3
1983 [4, 5]	76.2	85.5	66.8	111.9	107.2	79.7	43.8	19.4	4.8
1982 [4, 5]	77.9	85.1	66.3	112.7	109.3	82.7	44.1	19.5	5.2
1981 [4, 5]	79.4	85.0	65.9	114.2	110.7	83.1	45.5	19.6	5.6
1980 [4, 5]	81.1	87.9	68.8	118.2	112.3	81.4	46.7	19.0	5.5
Race of child:									
1980 [5, 6]	83.2	90.3	70.6	121.8	116.0	82.9	47.0	18.5	5.5
1975 [5, 6]	84.2	93.5	76.8	123.8	108.0	75.7	50.0	20.5	7.2
1970 [6, 7]	95.5	96.9	77.9	136.4	131.5	100.9	71.8	32.9	10.4

1 Rates computed by relating total births to unmarried mothers, regardless of age of mother, to unmarried women aged 15-44 years.
2 Rates computed by relating births to unmarried mothers aged 40 years and over to unmarried women aged 40-44 years.
3 Includes races other than white and black.
4 Data for States in which marital status was not reported have been inferred and included with data from the remaining States; see Technical notes.
5 Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Technical notes.
6 Births to unmarried women are estimated for the United States from data for registration areas in which marital status of mother was reported; see Technical notes.
7 Based on a 50-percent sample of births.

Table 16. Number and percent of births to unmarried women and number and percent of births of low birthweight, by race of mother: United States and each State, Puerto Rico, Virgin Islands, and Guam, 1995

[By place of residence]

State	Births to unmarried women [1]						Low birthweight [2]					
	Number			Percent			Number			Percent		
	All races [3]	White	Black	All races [3]	White	Black	All races [3]	White	Black	All races [3]	White	Black
United States [4]	1,253,976	784,992	421,489	32.2	25.3	69.9	285,152	192,594	79,052	7.3	6.2	13.1
Alabama	20,798	6,621	14,049	34.5	16.7	70.7	5,439	2,813	2,579	9.0	7.1	13.0
Alaska	3,061	1,494	182	29.9	21.3	40.9	545	356	55	5.3	5.1	12.4
Arizona	27,709	22,552	1,419	38.2	35.4	63.4	4,898	4,207	293	6.8	6.6	13.1
Arkansas	11,589	5,784	5,678	32.9	21.4	74.0	2,879	1,834	1,002	8.2	6.8	13.1
California	177,131	142,869	24,836	32.1	31.8	61.7	33,636	24,824	4,820	6.1	5.5	12.0
Colorado	13,502	11,556	1,401	24.9	23.3	53.5	4,584	3,976	415	8.4	8.0	15.9
Connecticut	13,575	9,365	3,756	30.6	24.9	69.6	3,159	2,359	685	7.1	6.3	12.7
Delaware	3,586	1,862	1,696	34.9	24.2	71.8	861	536	304	8.4	7.0	12.9
District of Columbia	5,935	507	5,372	65.8	25.1	79.2	1,206	113	1,077	13.4	5.6	15.9
Florida	67,474	37,809	28,885	35.8	26.6	68.5	14,491	9,070	5,096	7.7	6.4	12.1
Georgia	39,474	13,302	25,896	35.2	18.5	67.3	9,835	4,680	5,023	8.8	6.5	13.1
Hawaii	5,428	813	128	29.2	16.4	22.7	1,298	263	62	7.0	5.3	11.1
Idaho	3,590	3,390	29	19.9	19.4	39.2	1,066	1,021	10	5.9	5.8	*
Illinois	62,829	32,846	29,439	33.8	23.1	78.5	14,629	8,688	5,444	7.9	6.1	14.5
Indiana	26,456	19,611	6,709	31.9	26.8	76.8	6,191	4,999	1,127	7.5	6.9	13.0
Iowa	9,267	8,305	721	25.2	23.8	72.7	2,194	2,015	110	6.0	5.8	11.1
Kansas	9,619	7,377	1,932	25.9	22.3	66.9	2,388	1,949	352	6.4	5.9	12.2
Kentucky	14,935	11,387	3,457	28.5	24.2	72.3	3,981	3,344	610	7.6	7.1	12.8
Louisiana	27,863	8,143	19,427	42.4	21.7	72.4	6,362	2,518	3,757	9.7	6.7	14.0
Maine	3,859	3,712	38	27.8	27.4	48.1	845	813	6	6.1	6.0	*
Maryland	24,124	9,380	14,437	33.3	20.0	63.7	6,162	2,893	3,063	8.5	6.2	13.5
Massachusetts	20,880	15,415	4,696	25.6	21.9	60.4	5,160	4,101	810	6.3	5.9	10.4
Michigan	46,211	26,115	19,434	34.3	24.5	77.7	10,345	6,645	3,487	7.7	6.3	14.0
Minnesota	15,099	11,675	2,023	23.9	20.6	69.6	3,700	3,104	351	5.9	5.5	12.1
Mississippi	18,747	4,055	14,503	45.3	18.8	75.4	4,053	1,502	2,508	9.8	7.0	13.0
Missouri	23,421	14,535	8,596	32.1	23.9	78.0	5,561	3,924	1,548	7.6	6.5	14.1
Montana	2,950	2,162	17	26.5	21.9	*	650	577	3	5.8	5.9	*
Nebraska	5,650	4,448	900	24.3	20.9	73.8	1,474	1,288	146	6.3	6.0	12.0
Nevada	10,513	8,422	1,421	42.0	39.1	75.0	1,853	1,447	258	7.4	6.7	13.6
New Hampshire	3,259	3,195	36	22.2	22.2	40.4	807	783	13	5.5	5.5	*
New Jersey	31,711	17,406	13,756	27.6	19.9	65.6	8,643	5,429	2,734	7.6	6.2	13.1
New Mexico	11,459	8,697	300	42.6	38.3	59.1	2,020	1,749	53	7.5	7.7	10.5
New York	102,791	59,706	39,316	37.9	30.0	69.9	20,667	12,636	6,964	7.6	6.4	12.4
North Carolina	31,923	12,906	18,000	31.4	18.1	66.9	8,820	4,858	3,697	8.7	6.8	13.8
North Dakota	1,996	1,494	22	23.5	19.6	31.4	446	391	13	5.3	5.1	*
Ohio	50,852	33,021	17,533	33.0	25.6	76.9	11,737	8,423	3,161	7.6	6.5	13.9
Oklahoma	13,927	8,798	3,107	30.5	24.4	69.1	3,158	2,285	560	7.0	6.4	12.5
Oregon	12,365	11,136	617	28.9	28.0	70.7	2,346	2,135	90	5.5	5.4	10.3
Pennsylvania	49,228	31,787	16,763	32.4	25.0	78.2	11,201	7,902	3,036	7.4	6.2	14.2
Rhode Island	3,975	3,108	625	31.1	27.5	68.3	867	714	103	6.8	6.3	11.3
South Carolina	19,071	6,374	12,589	37.4	20.0	68.4	4,738	2,171	2,515	9.3	6.8	13.7
South Dakota	2,932	1,748	28	28.0	20.1	28.0	583	475	9	5.6	5.5	*
Tennessee	24,185	12,120	11,869	33.1	21.7	73.5	6,364	4,025	2,253	8.7	7.2	14.0
Texas	96,816	71,221	24,438	30.0	25.9	63.1	22,908	17,493	4,713	7.1	6.4	12.2
Utah	6,224	5,582	131	15.7	14.8	53.9	2,485	2,334	26	6.3	6.2	10.7
Vermont	1,689	1,648	20	24.9	24.7	51.3	365	360	1	5.4	5.4	*
Virginia	27,090	13,026	13,593	29.3	19.3	63.8	7,121	4,127	2,748	7.7	6.1	12.9
Washington	20,635	16,942	1,630	26.7	25.2	55.0	4,235	3,487	328	5.5	5.2	11.1
West Virginia	6,463	5,841	608	30.5	28.9	75.3	1,673	1,534	133	7.9	7.6	16.5
Wisconsin	18,457	12,244	5,399	27.4	21.1	82.8	4,058	2,990	893	6.0	5.1	13.7
Wyoming	1,653	1,480	32	26.4	25.0	46.4	465	434	8	7.4	7.3	*
Puerto Rico	27,069	24,182	2,822	42.7	41.4	58.9	6,428	5,926	487	10.1	10.1	10.2
Virgin Islands	1,288	198	1,080	62.5	48.2	67.8	194	36	154	9.4	8.8	9.7
Guam	1,940	62	13	46.4	14.5	*	319	21	3	7.7	4.9	*

- Quantity zero.
* Figure does not meet standards of reliability or precision.
1 For 45 States and the District of Columbia, marital status of mother is reported on the birth certificate; for 5 States, mother's marital status is inferred, see Technical notes.
2 Less than 2,500 grams (5 lb 8 oz).
3 Includes races other than white and black.
4 Excludes data for Puerto Rico, Virgin Islands, and Guam.

Table 17. Birth rates by age and race of father: United States, 1980-95

[Rates are live births per 1,000 men in specified group, enumerated as of April 1 for 1980 and 1990 and estimated as of July 1 for all other years. Figures for age of father not stated are distributed]

Year and race of father	15-54 years [1]	Age of father								
		15-19 years [2]	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55 years and over
All races [3]										
1995	52.0	24.3	86.0	107.2	93.3	51.0	20.3	7.1	2.6	0.3
1994	53.2	25.0	87.3	108.8	93.3	50.9	20.2	7.2	2.6	0.3
1993	54.4	24.8	87.1	110.8	93.5	51.1	20.2	7.3	2.7	0.4
1992	55.8	24.6	87.7	113.1	94.2	51.3	20.4	7.3	2.7	0.4
1991	57.1	24.8	88.0	114.7	95.1	51.8	20.2	7.5	2.7	0.4
1990	58.4	23.5	88.0	116.4	97.8	53.0	21.0	7.5	2.8	0.4
1989	57.2	21.9	85.4	114.3	94.8	51.3	20.4	7.4	2.7	0.6
1988	55.8	19.6	82.4	111.6	93.2	49.9	19.9	7.1	2.7	0.4
1987	55.0	18.3	80.5	109.9	91.2	48.6	19.0	6.9	2.6	0.4
1986	54.8	17.9	80.3	109.6	90.3	46.8	18.3	6.7	2.6	0.4
1985	55.6	18.0	81.2	112.3	91.1	47.3	18.1	6.6	2.5	0.4
1984 [4]	55.0	17.8	80.7	111.4	89.9	46.0	17.8	6.3	2.4	0.4
1983 [4]	55.1	18.2	82.6	113.0	89.1	45.2	17.4	6.4	2.3	0.4
1982 [4]	56.4	18.6	86.5	117.3	90.3	44.5	17.5	6.4	2.3	0.4
1981 [4]	56.3	18.4	88.4	119.1	88.7	43.3	17.0	6.2	2.3	0.4
1980 [4]	57.0	18.8	92.0	123.1	91.0	42.8	17.1	6.1	2.2	0.3
White										
1995	49.2	19.7	78.5	105.7	92.9	49.6	19.0	6.3	2.2	0.2
1994	50.0	19.8	78.5	106.4	92.5	49.3	18.9	6.3	2.2	0.3
1993	50.9	19.2	77.9	108.0	92.4	49.2	18.6	6.4	2.2	0.2
1992	52.2	18.9	78.2	110.1	93.2	49.3	18.8	6.4	2.2	0.3
1991	53.3	19.1	78.4	111.5	93.6	49.7	18.5	6.5	2.2	0.3
1990	54.6	18.1	78.3	113.2	96.1	50.9	19.2	6.5	2.2	0.3
1989	53.3	16.7	75.9	110.8	93.0	49.1	18.7	6.3	2.1	0.4
1988	52.2	14.8	73.7	108.3	91.2	47.6	18.1	6.1	2.1	0.3
1987	51.6	13.9	72.8	107.0	89.5	46.2	17.3	5.9	2.0	0.3
1986	51.7	13.8	73.3	107.0	88.7	44.4	16.6	5.7	2.0	0.3
1985	52.6	14.0	74.7	109.9	89.5	44.8	16.3	5.6	1.9	0.3
1984 [4]	51.8	14.0	74.3	108.8	87.9	43.5	16.0	5.3	1.9	0.3
1983 [4]	52.0	14.4	76.3	110.2	86.8	42.6	15.5	5.3	1.8	0.3
1982 [4]	53.1	14.9	80.1	114.2	87.5	41.7	15.6	5.3	1.9	0.3
1981 [4]	52.9	15.0	81.7	115.8	85.8	40.3	15.0	5.2	1.8	0.3
1980 [4]	53.4	15.4	84.9	119.4	87.8	39.7	15.0	5.1	1.8	0.3
Black										
1995	70.1	50.5	140.5	126.6	89.6	52.6	25.7	12.1	5.6	1.1
1994	74.9	54.6	150.5	131.9	92.9	54.2	26.4	13.0	6.0	1.1
1993	78.3	56.6	153.8	136.0	95.3	56.6	27.7	13.5	6.4	1.3
1992	81.0	57.4	158.0	140.1	96.8	56.9	28.4	13.9	6.2	1.4
1991	83.4	58.0	158.5	143.3	100.1	58.8	29.4	14.2	6.7	1.4
1990	84.9	55.2	158.2	144.9	103.2	60.4	31.1	15.0	7.1	1.4
1989	84.1	52.9	153.4	143.5	101.4	59.9	31.1	14.9	6.9	2.7
1988	80.7	48.1	144.1	137.9	100.0	58.0	30.6	14.3	6.9	1.4
1987	78.3	44.6	136.1	133.9	97.4	58.0	30.0	13.8	6.6	1.3
1986	77.2	42.6	131.4	131.6	97.4	58.0	29.1	13.5	6.7	1.3
1985	77.2	41.8	129.5	132.7	97.3	59.4	29.5	13.3	6.5	1.2
1984 [4]	76.7	40.9	128.0	132.2	98.3	58.4	29.3	13.3	6.1	1.2
1983 [4]	77.2	40.7	129.1	134.4	99.0	59.6	29.6	13.5	6.0	1.2
1982 [4]	79.5	40.3	133.4	141.2	103.6	61.1	29.6	13.9	6.0	1.2
1981 [4]	80.4	38.9	138.4	145.6	104.3	61.3	29.7	13.3	5.7	1.2
1980 [4]	83.0	40.1	145.3	152.8	109.6	62.0	31.2	13.6	5.9	1.1

1 Rates computed by relating total births, regardless of age of father, to men aged 15-54 years.
2 Rates computed by relating births of fathers under 20 years of age to men aged 15-19 years.
3 Includes races other than white and black.
4 Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Technical notes.

Table 18. Live births by educational attainment, age, and race of mother: United States, 1995

Age and race of mother	Total	Years of school completed by mother					
		0-8 years	9-11 years	12 years	13-15 years	16 years or more	Not Stated
All races[1]							
All ages	3,899,589	237,980	629,572	1,307,228	845,110	820,325	59,374
Under 15 years	12,242	9,416	2,454	-	-	-	372
15-19 years	499,873	47,020	267,227	154,864	22,121	-	8,641
15 years	30,734	10,446	19,420	-	-	-	868
16 years	62,174	8,477	50,796	1,579	-	-	1,322
17 years	99,600	8,411	74,973	14,164	301	-	1,751
18 years	138,535	9,106	67,175	56,299	3,827	-	2,128
19 years	168,830	10,580	54,863	82,822	17,993	-	2,572
20-24 years	965,547	64,054	187,700	427,411	223,169	48,949	14,264
25-29 years	1,063,539	54,096	98,024	363,314	275,747	257,396	14,962
30-34 years	904,666	38,098	51,485	247,762	220,704	333,459	13,158
35-39 years	383,745	19,644	19,190	97,701	88,484	152,271	6,455
40 years and over	69,977	5,652	3,492	16,176	14,885	28,250	1,522
White							
All ages	3,098,885	204,203	456,596	1,014,383	673,968	707,280	42,455
Under 15 years	5,854	4,500	1,159	-	-	-	195
15-19 years	349,635	38,041	181,494	109,390	14,977	-	5,733
15 years	18,118	6,509	11,110	-	-	-	499
16 years	40,206	6,465	31,839	1,052	-	-	850
17 years	68,841	7,252	50,476	9,706	215	-	1,192
18 years	98,635	8,143	47,506	38,976	2,552	-	1,458
19 years	123,835	9,672	40,563	59,656	12,210	-	1,734
20-24 years	743,123	58,617	143,520	323,655	168,246	39,001	10,084
25-29 years	873,022	48,295	76,707	290,950	224,686	221,520	10,864
30-34 years	754,662	33,426	37,980	200,622	182,150	290,739	9,745
35-39 years	316,166	16,864	13,410	77,492	71,938	131,711	4,751
40 years and over	56,423	4,460	2,326	12,274	11,971	24,309	1,083
Black							
All ages	603,139	20,220	149,357	234,646	130,720	56,093	12,103
Under 15 years	5,927	4,572	1,195	-	-	-	160
15-19 years	133,694	7,700	77,231	40,087	6,215	-	2,461
15 years	11,534	3,615	7,589	-	-	-	330
16 years	19,960	1,802	17,277	468	-	-	413
17 years	27,618	934	22,161	3,979	70	-	474
18 years	35,372	732	17,599	15,384	1,111	-	546
19 years	39,210	617	12,605	20,256	5,034	-	698
20-24 years	183,435	2,684	38,071	87,159	45,303	7,050	3,168
25-29 years	133,535	2,093	17,178	55,601	37,978	17,971	2,714
30-34 years	96,084	1,753	10,431	34,616	27,695	19,327	2,262
35-39 years	42,507	1,048	4,425	14,522	11,572	9,832	1,108
40 years and over	7,957	370	826	2,661	1,957	1,913	230

- Quantity zero.
[1] Includes races other than white and black.

Table 19. Number of live births and percent distribution by weight gain of mother during pregnancy and median weight gain, according to period of gestation and race of mother: Total of 49 reporting States and the District of Columbia, 1995

Period of gestation [1] and race of mother	All births	Weight gain during pregnancy									Median weight gain in pounds
		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	
	Number										
All gestation periods [2]											
All races [3]	3,347,544	325,698	331,604	446,686	585,016	440,458	384,641	201,116	330,632	301,693	...
White	2,648,996	230,604	249,892	357,097	477,321	367,212	316,538	166,994	265,516	217,822	...
Black	562,879	82,117	67,088	69,899	83,356	55,940	54,221	27,627	55,569	67,062	...
Under 37 weeks											
All races [3]	371,397	58,310	46,940	49,820	56,218	36,829	31,770	16,372	29,890	45,248	...
White	257,121	34,734	31,194	35,535	41,018	27,869	23,817	12,535	22,204	28,215	...
Black	99,947	21,496	13,932	12,161	12,967	7,563	6,824	3,323	6,852	14,829	...
37-39 weeks											
All races [3]	1,492,151	141,427	151,607	208,679	270,805	200,035	169,723	86,704	136,707	126,464	...
White	1,176,919	101,205	114,282	166,542	219,794	165,829	138,262	71,256	108,563	91,186	...
Black	250,080	34,260	30,014	32,293	38,743	25,796	24,891	12,427	23,992	27,664	...
40 weeks and over											
All races [3]	1,471,226	124,976	132,308	187,405	257,063	202,953	182,555	97,756	163,542	122,668	...
White	1,205,635	94,075	103,920	154,442	215,823	173,021	154,016	82,971	134,376	93,191	...
Black	210,185	26,020	22,937	25,324	31,473	22,504	22,395	11,842	24,637	23,053	...
	Percent distribution										
All gestation periods [2]											
All races [3]	100.0	10.7	10.9	14.7	19.2	14.5	12.6	6.6	10.9	...	30.5
White	100.0	9.5	10.3	14.7	19.6	15.1	13.0	6.9	10.9	...	30.6
Black	100.0	16.6	13.5	14.1	16.8	11.3	10.9	5.6	11.2	...	29.0
Under 37 weeks											
All races [3]	100.0	17.9	14.4	15.3	17.2	11.3	9.7	5.0	9.2	...	27.1
White	100.0	15.2	13.6	15.5	17.9	12.2	10.4	5.5	9.7	...	28.4
Black	100.0	25.3	16.4	14.3	15.2	8.9	8.0	3.9	8.1	...	25.1
37-39 weeks											
All races [3]	100.0	10.4	11.1	15.3	19.8	14.6	12.4	6.3	10.0	...	30.4
White	100.0	9.3	10.5	15.3	20.2	15.3	12.7	6.6	10.0	...	30.5
Black	100.0	15.4	13.5	14.5	17.4	11.6	11.2	5.6	10.8	...	29.4
40 weeks and over											
All races [3]	100.0	9.3	9.8	13.9	19.1	15.0	13.5	7.2	12.1	...	30.8
White	100.0	8.5	9.3	13.9	19.4	15.6	13.8	7.5	12.1	...	30.9
Black	100.0	13.9	12.3	13.5	16.8	12.0	12.0	6.3	13.2	...	30.3

1 Expressed in completed weeks.
2 Includes births with period of gestation not stated.
3 Includes races other than white and black.

NOTE: Excludes data for California, which did not require reporting of weight gain during pregnancy.

Table 20. Percent low birthweight by weight gain of mother during pregnancy, period of gestation, and race of mother: Total of 49 reporting States and the District of Columbia, 1995

[Low birthweight is defined as weight of less than 2,500 grams (5 lb 8 oz)]

Period of gestation [1] 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 gestation periods [2]										
All races [3]	7.5	14.7	10.6	7.7	6.0	4.9	4.7	4.5	4.9	11.4
White	6.3	12.0	9.2	6.7	5.2	4.3	4.2	4.1	4.5	9.4
Black	13.2	22.7	16.2	12.8	10.7	8.8	7.8	7.1	6.9	18.1
Under 37 weeks										
All races [3]	43.6	58.2	49.1	42.6	37.5	34.5	33.7	33.7	34.1	51.8
White	41.8	56.2	48.5	41.6	36.2	33.7	33.1	33.4	34.5	49.7
Black	49.0	62.2	51.6	46.6	42.5	38.1	36.5	36.3	34.0	56.5
37-39 weeks										
All races [3]	4.4	7.2	6.0	4.7	3.9	3.3	3.3	3.1	3.3	5.6
White	3.8	5.9	5.2	4.2	3.5	2.9	2.9	2.8	3.0	4.6
Black	7.3	11.2	8.9	7.5	6.4	5.8	5.1	4.5	4.6	8.9
40 weeks and over										
All races [3]	1.5	2.9	2.2	1.7	1.3	1.1	1.0	0.9	1.0	2.3
White	1.2	2.3	1.8	1.4	1.1	0.9	0.8	0.8	0.8	1.8
Black	3.1	5.2	4.1	3.4	2.8	2.3	2.0	1.6	1.7	4.2

[1] Expressed in completed weeks.
[2] Includes births with period of gestation not stated.
[3] Includes races other than white and black.

NOTE: Excludes data for California, which did not require reporting of weight gain during pregnancy.

Table 21. Number of live births and percent distribution by weight gain of mother during pregnancy and median weight gain, according to period of gestation, Hispanic origin of mother, and race of mother for mothers of non-Hispanic origin: Total of 49 reporting States and the District of Columbia, 1995

Period of gestation [1] and race of mother	Number of births	Weight gain during pregnancy									
		Total	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	Median weight gain in pounds
		Percent distribution									
All gestation periods [2]											
All origins [3]	3,347,544	100.0	10.7	10.9	14.7	19.2	14.5	12.6	6.6	10.9	30.5
Hispanic	425,767	100.0	12.6	13.2	15.5	19.3	13.0	11.3	5.8	9.3	29.8
Mexican American	251,377	100.0	13.6	13.7	15.7	19.5	12.6	10.8	5.4	8.6	28.8
Puerto Rican	52,816	100.0	12.5	12.3	14.7	17.5	12.8	12.0	6.8	11.3	30.2
Cuban	11,645	100.0	6.9	10.1	13.5	19.8	15.8	14.1	7.0	12.9	31.0
Central and South American	67,789	100.0	10.6	13.0	16.2	20.3	13.9	11.7	5.6	8.7	30.0
Other and unknown Hispanic	42,140	100.0	12.2	12.2	14.6	18.5	13.3	12.0	6.5	10.7	30.2
Non-Hispanic [4]	2,864,422	100.0	10.4	10.6	14.6	19.2	14.6	12.8	6.7	11.1	30.5
White	2,185,943	100.0	8.9	9.8	14.6	19.7	15.4	13.3	7.0	11.2	30.7
Black	548,497	100.0	16.6	13.6	14.1	16.8	11.2	10.9	5.5	11.2	29.0
Under 37 weeks											
All origins [3]	371,397	100.0	17.9	14.4	15.3	17.2	11.3	9.7	5.0	9.2	27.1
Hispanic	47,864	100.0	19.2	15.6	15.7	17.5	10.6	9.2	4.4	7.7	25.9
Mexican American	27,597	100.0	20.0	15.8	15.7	17.9	10.3	8.8	4.1	7.5	25.8
Puerto Rican	7,027	100.0	20.4	15.3	15.1	16.0	10.2	9.7	5.1	8.2	25.9
Cuban	1,165	100.0	12.5	14.1	15.0	16.1	14.2	12.3	4.2	11.7	30.1
Central and South American	7,058	100.0	16.6	15.8	17.1	18.3	11.4	9.6	4.3	6.7	26.2
Other and unknown Hispanic	5,017	100.0	18.7	15.3	14.6	17.2	11.0	9.7	4.9	8.5	26.6
Non-Hispanic [4]	317,657	100.0	17.7	14.2	15.2	17.2	11.4	9.8	5.1	9.3	27.3
White	206,027	100.0	14.4	13.2	15.5	18.0	12.5	10.6	5.7	10.1	28.8
Black	97,940	100.0	25.3	16.4	14.3	15.2	8.8	8.0	3.9	8.0	25.1
37-39 weeks											
All origins [3]	1,492,151	100.0	10.4	11.1	15.3	19.8	14.6	12.4	6.3	10.0	30.4
Hispanic	192,356	100.0	12.4	13.3	16.0	19.8	13.1	11.0	5.6	8.7	29.3
Mexican American	113,700	100.0	13.4	13.9	16.2	19.9	12.6	10.7	5.3	8.0	28.6
Puerto Rican	23,481	100.0	12.0	12.6	15.1	18.0	13.3	11.7	6.6	10.7	30.2
Cuban	5,587	100.0	6.5	10.4	13.7	20.7	16.1	13.7	6.8	12.2	30.9
Central and South American	30,469	100.0	10.6	13.1	16.9	20.8	14.1	11.1	5.5	7.9	29.7
Other and unknown Hispanic	19,119	100.0	12.2	12.0	15.3	19.1	13.5	11.4	6.4	10.0	30.1
Non-Hispanic [4]	1,275,562	100.0	10.1	10.8	15.2	19.8	14.8	12.6	6.4	10.2	30.4
White	969,205	100.0	8.8	10.1	15.2	20.3	15.6	13.0	6.7	10.2	30.6
Black	243,854	100.0	15.5	13.5	14.5	17.4	11.6	11.2	5.6	10.8	29.3
40 weeks and over											
All origins [3]	1,471,226	100.0	9.3	9.8	13.9	19.1	15.0	13.5	7.2	12.1	30.8
Hispanic	183,401	100.0	11.2	12.4	14.9	19.2	13.5	12.2	6.3	10.3	30.3
Mexican American	108,885	100.0	12.2	13.0	15.3	19.4	13.2	11.5	5.9	9.4	30.1
Puerto Rican	21,868	100.0	10.6	11.2	14.1	17.4	13.1	13.1	7.5	13.0	30.6
Cuban	4,880	100.0	6.1	8.8	12.9	19.6	15.9	15.0	7.8	14.0	32.2
Central and South American	30,026	100.0	9.3	12.2	15.3	20.2	14.3	12.7	6.1	9.9	30.3
Other and unknown Hispanic	17,742	100.0	10.4	11.6	13.7	18.2	13.8	13.2	7.2	12.0	30.6
Non-Hispanic [4]	1,261,735	100.0	9.0	9.5	13.8	19.1	15.2	13.7	7.4	12.4	30.9
White	1,004,626	100.0	8.0	8.9	13.7	19.4	15.9	14.1	7.6	12.4	31.0
Black	204,212	100.0	14.0	12.3	13.6	16.8	12.0	11.9	6.3	13.1	30.3

1 Expressed in completed weeks.
2 Includes births with period of gestation not stated.
3 Includes origin not stated.
4 Includes races other than white and black.

NOTE: Excludes data for California, which did not require reporting of weight gain during pregnancy.

Table 22. Percent low birthweight by weight gain of mother during pregnancy and Hispanic origin of mother, and by race of mother for mothers of non-Hispanic origin: Total of 49 reporting States and the District of Columbia, 1995

[Low birthweight is defined as weight of less than 2,500 grams (5 lb 8 oz)]

Origin 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 origins [1]	7.5	14.7	10.6	7.7	6.0	4.9	4.7	4.5	4.9	11.4
Hispanic	6.8	11.6	8.2	6.6	5.4	4.6	4.5	4.0	4.2	9.0
Mexican American	6.2	10.3	7.1	5.8	4.9	4.2	4.0	3.6	3.7	8.2
Puerto Rican	9.5	16.5	12.6	9.8	7.3	6.5	6.4	5.0	5.0	13.2
Cuban	6.4	13.7	10.3	8.2	4.6	4.7	5.4	*	4.3	10.4
Central and South American	6.2	11.3	8.1	6.2	5.2	4.1	4.1	3.8	4.3	7.8
Other and unknown Hispanic	7.7	13.2	9.0	7.2	6.5	5.2	4.5	5.0	4.8	12.0
Non-Hispanic [2]	7.6	15.2	11.0	7.9	6.1	4.9	4.7	4.6	5.0	12.2
White	6.3	12.1	9.4	6.7	5.2	4.3	4.2	4.1	4.6	9.6
Black	13.3	22.8	16.3	12.9	10.8	8.8	7.8	7.2	6.9	18.1

* Figure does not meet standards of reliability or precision.
[1] Includes origin not stated.
[2] Includes races other than white and black.

NOTE: Excludes data for California, which did not require reporting of weight gain during pregnancy.

Table 23. Percent of births with selected medical or health characteristics, by specified race of mother: United States, 1995

Characteristic	All races	White	Black	American Indian [1]	Asian or Pacific Islander				
					Total	Chinese	Japanese	Hawaiian	Filipino	Other
Mother										
Prenatal care beginning in the first trimester	81.3	83.6	70.4	66.7	79.9	85.7	89.7	75.9	80.9	77.0
Late or no prenatal care	4.2	3.5	7.6	9.5	4.3	3.0	2.3	5.1	4.1	5.0
Smoker [2]	13.9	15.0	10.6	20.9	3.4	0.8	5.2	15.9	3.4	2.7
Drinker [3]	1.5	1.4	2.3	4.3	0.4	0.2	1.0	1.4	0.4	0.4
Weight gain of less than 16 lbs [4]	10.7	9.5	16.6	14.8	9.6	6.3	9.9	8.2	7.4	11.2
Cesarean delivery rate	20.8	20.8	21.8	18.1	18.7	19.1	17.4	17.2	22.6	17.4
Infant										
Preterm births [5]	11.0	9.7	17.7	12.4	9.9	7.2	8.3	11.0	11.7	10.3
Birthweight										
Very low birthweight [6]	1.3	1.1	3.0	1.1	0.9	0.7	0.9	0.9	1.1	0.9
Low birthweight [7]	7.3	6.2	13.1	6.6	6.9	5.3	7.3	6.8	7.8	7.1
4,000 grams or more [8]	10.3	11.5	5.3	12.5	6.0	6.6	5.7	8.5	5.9	5.7
5-minute Apgar scores of less than 7 [9]	1.4	1.2	2.5	1.4	1.0	0.8	0.7	1.4	1.1	1.0

[1] Includes births to Aleuts and Eskimos.
[2] Excludes data for California, Indiana, New York State (but includes New York City), and South Dakota, which did not report tobacco use on the birth certificate.
[3] Excludes data for California and South Dakota, which did not report alcohol use on the birth certificate.
[4] Excludes data for California, which did not report weight gain on the birth certificate.
[5] Born prior to 37 completed weeks of gestation.
[6] Birthweight of less than 1,500 grams (3 lb 4 oz).
[7] Birthweight of less than 2,500 grams (5 lb 8 oz).
[8] Equivalent to 8 lb 14 oz.
[9] Excludes data for California and Texas, which did not report 5-minute Apgar score on the birth certificate.

Table 24. Percent of births with selected medical or health characteristics, by Hispanic origin of mother and by race of mother for mothers of non-Hispanic origin: United States, 1995

Characteristic	All origins [1]	Origin of mother								
		Hispanic						Non-Hispanic		
		Total	Mexican American	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total [2]	White	Black
Mother										
Prenatal care beginning in the first trimester	81.3	70.8	69.1	74.0	89.2	73.2	74.3	83.5	87.1	70.4
Late or no prenatal care	4.2	7.4	8.1	5.5	2.1	6.1	6.0	3.6	2.5	7.6
Smoker [3]	13.9	4.3	3.1	10.4	4.1	1.8	8.2	15.4	17.1	10.6
Drinker [4]	1.5	0.7	0.7	1.1	0.4	0.4	1.5	1.7	1.5	2.3
Weight gain of less than 16 lbs [5]	10.7	12.6	13.6	12.5	6.9	10.6	12.2	10.4	8.9	16.6
Cesarean delivery rate	20.8	20.2	19.7	20.3	30.2	21.2	20.5	21.0	21.0	21.8
Infant										
Preterm births [6]	11.0	10.9	10.6	13.4	10.1	10.7	11.7	11.0	9.4	17.8
Birthweight										
Very low birthweight [7]	1.3	1.1	1.0	1.8	1.2	1.1	1.3	1.4	1.0	3.0
Low birthweight [8]	7.3	6.3	5.8	9.4	6.5	6.2	7.5	7.5	6.2	13.2
4,000 grams or more [9]	10.3	9.1	9.4	6.9	10.1	9.2	7.4	10.6	12.2	5.2
5-minute Apgar scores of less than 7 [10]	1.4	1.2	1.2	1.4	0.7	1.0	1.3	1.4	1.2	2.5

1 Includes origin not stated.
2 Includes races other than white and black.
3 Excludes data for California, Indiana, New York State (but includes New York City), and South Dakota, which did not report tobacco use on the birth certificate.
4 Excludes data for California and South Dakota, which did not report alcohol use on the birth certificate.
5 Excludes data for California, which did not report weight gain on the birth certificate.
6 Born prior to 37 completed weeks of gestation.
7 Birthweight of less than 1,500 grams (3 lb 4 oz).
8 Birthweight of less than 2,500 grams (5 lb 8 oz).
9 Equivalent to 8 lb 14 oz.
10 Excludes data for California and Texas, which did not report 5-minute Apgar score on the birth certificate.

Table 25. Live births to mothers with selected medical risk factors and rates by age of mother, by race of mother: United States, 1995

[Rates are number of live births with specified medical risk factor per 1,000 live births in specified group]

Medical risk factor and race of mother	All births [1]	Medical risk factor reported	Age of mother							Not stated
			All ages	Under 20 years	20-24 years	25-29 years	30-34 years	35-39 years	40-49 years	
All races [2]										
Anemia	3,899,589	78,904	20.5	29.3	24.1	18.0	16.5	16.4	17.1	45,595
Cardiac disease	3,899,589	18,451	4.8	2.7	3.5	4.7	6.2	6.9	7.9	45,595
Acute or chronic lung disease	3,899,589	26,583	6.9	9.2	7.4	6.2	6.0	6.5	7.4	45,595
Diabetes	3,899,589	97,051	25.2	8.1	16.0	24.6	33.5	46.2	62.8	45,595
Genital herpes [3]	3,576,836	30,197	8.5	6.0	7.6	8.3	9.7	11.6	12.1	43,101
Hydramnios/Oligohydramnios	3,899,589	43,817	11.4	12.5	11.5	10.8	10.7	12.1	14.9	45,595
Hemoglobinopathy	3,899,589	2,731	0.7	1.0	0.8	0.6	0.6	0.6	0.8	45,595
Hypertension, chronic	3,899,589	25,970	6.7	2.5	4.1	6.0	8.3	14.4	23.7	45,595
Hypertension, pregnancy-associated	3,899,589	131,565	34.1	40.3	34.6	32.7	31.0	34.5	43.0	45,595
Eclampsia	3,899,589	14,208	3.7	5.6	3.8	3.2	3.1	3.4	4.7	45,595
Incompetent cervix	3,899,589	9,082	2.4	1.1	1.7	2.4	2.9	4.0	4.3	45,595
Previous infant 4000+ grams	3,899,589	40,359	10.5	1.4	6.2	11.1	15.3	18.2	21.4	45,595
Previous preterm or small-for-gestational-age infant	3,899,589	43,842	11.4	4.9	11.4	11.7	12.9	15.0	15.0	45,595
Renal disease	3,899,589	9,966	2.6	3.2	3.1	2.5	2.1	2.0	2.0	45,595
Rh sensitization [4]	3,862,388	24,323	6.4	5.1	5.8	6.5	7.1	7.2	7.1	46,076
Uterine bleeding [3]	3,576,836	27,131	7.7	5.7	6.8	7.7	8.6	9.5	10.8	43,101
White										
Anemia	3,098,885	52,900	17.3	24.3	20.1	15.4	14.6	14.7	15.3	37,016
Cardiac disease	3,098,885	15,509	5.1	2.7	3.6	5.0	6.5	7.4	8.5	37,016
Acute or chronic lung disease	3,098,885	20,508	6.7	8.9	7.1	6.1	6.0	6.5	7.0	37,016
Diabetes	3,098,885	76,018	24.8	8.6	16.3	23.9	31.6	43.3	59.3	37,016
Genital herpes [3]	2,823,795	24,261	8.7	5.3	6.9	8.3	10.3	12.8	13.7	34,739
Hydramnios/Oligohydramnios	3,098,885	33,211	10.8	11.8	11.0	10.3	10.3	11.7	14.3	37,016
Hemoglobinopathy	3,098,885	1,018	0.3	0.3	0.3	0.3	0.4	0.3	0.6	37,016
Hypertension, chronic	3,098,885	17,958	5.9	2.1	3.6	5.3	7.1	11.8	19.5	37,016
Hypertension, pregnancy-associated	3,098,885	105,822	34.6	40.9	35.8	33.5	31.2	34.0	43.0	37,016
Eclampsia	3,098,885	10,330	3.4	5.0	3.5	3.1	2.8	3.2	4.5	37,016
Incompetent cervix	3,098,885	6,558	2.1	1.0	1.4	2.1	2.6	3.8	4.3	37,016
Previous infant 4000+ grams	3,098,885	36,350	11.9	1.6	6.9	12.2	16.8	20.2	24.0	37,016
Previous preterm or small-for-gestational-age infant	3,098,885	33,126	10.8	4.3	10.5	10.9	12.4	14.4	14.6	37,016
Renal disease	3,098,885	8,240	2.7	3.5	3.3	2.6	2.1	2.0	2.0	37,016
Rh sensitization [4]	3,065,760	21,907	7.2	6.1	6.6	7.3	7.9	8.0	8.3	37,458
Uterine bleeding [3]	2,823,795	22,553	8.1	6.0	7.3	8.0	8.9	9.9	11.7	34,739
Black										
Anemia	603,139	21,397	35.8	40.9	38.7	33.0	31.0	27.9	30.5	6,158
Cardiac disease	603,139	2,390	4.0	2.9	3.4	4.3	5.4	5.7	6.0	6,158
Acute or chronic lung disease	603,139	5,266	8.8	10.4	9.4	7.4	7.5	8.0	11.4	6,158
Diabetes	603,139	13,762	23.1	6.6	14.6	26.4	39.7	56.3	72.5	6,158
Genital herpes [3]	564,412	5,222	9.4	7.8	10.9	10.2	8.6	7.6	6.0	6,112
Hydramnios/Oligohydramnios	603,139	8,452	14.2	14.3	13.6	13.9	14.1	16.0	19.6	6,158
Hemoglobinopathy	603,139	1,578	2.6	3.0	2.9	2.3	2.4	2.1	*	6,158
Hypertension, chronic	603,139	7,042	11.8	3.7	6.4	11.4	20.0	36.0	59.1	6,158
Hypertension, pregnancy-associated	603,139	21,079	35.3	39.1	31.9	32.6	35.7	42.2	51.1	6,158
Eclampsia	603,139	3,267	5.5	7.1	5.0	4.5	5.2	5.5	6.9	6,158
Incompetent cervix	603,139	2,249	3.8	1.3	3.0	4.8	6.1	6.3	5.5	6,158
Previous infant 4000+ grams	603,139	2,587	4.3	0.9	3.0	5.8	7.4	8.6	11.3	6,158
Previous preterm or small-for-gestational-age infant	603,139	8,848	14.8	6.5	15.2	18.1	18.6	21.2	16.7	6,158
Renal disease	603,139	1,344	2.3	2.4	2.5	2.2	1.9	1.8	*	6,158
Rh sensitization [4]	600,249	2,051	3.5	3.0	3.4	3.6	3.9	4.0	3.8	6,185
Uterine bleeding [3]	564,412	3,406	6.1	5.0	5.4	6.7	7.4	7.4	7.6	6,112

* Figure does not meet standards of reliability or precision.
1 Total number of births to residents of areas reporting specified medical risk factor.
2 Includes races other than white and black.
3 Texas does not report this risk factor.
4 Kansas does not report this risk factor.

Table 26. Number and rate of live births to mothers with selected medical risk factors, complications of labor, and obstetric procedures, by specified race of mother: United States, 1995

[Rates are number of live births with specified risk factors, complications, or procedures per 1,000 live births in specified group]

Medical risk factor, complication, and obstetric procedure	All races	White	Black	American Indian [1]	Asian or Pacific Islander				
					Total	Chinese	Japanese	Hawaiian	Filipino	Other
	Number									
Medical risk factors										
Anemia	78,904	52,900	21,397	1,843	2,764	289	139	243	445	1,648
Diabetes	97,051	76,018	13,762	1,549	5,722	1,045	236	188	1,262	2,991
Hypertension, pregnancy-associated	131,565	105,822	21,079	1,676	2,988	319	186	179	816	1,488
Uterine bleeding [2]	27,131	22,553	3,406	278	894	148	81	31	188	446
Complications of labor and/or delivery										
Meconium,moderate/heavy	220,532	161,174	48,370	2,257	8,731	1,396	351	436	1,892	4,656
Premature rupture of membrane	118,097	91,004	20,790	1,559	4,744	816	345	250	855	2,478
Dysfunctional labor	107,951	87,610	14,802	1,277	4,262	724	303	197	815	2,223
Breech/Malpresentation	144,356	120,104	17,428	1,349	5,475	887	403	281	1,111	2,793
Cephalopelvic disproportion	98,180	80,642	12,374	816	4,348	798	271	168	1,037	2,074
Fetal distress [3]	146,686	110,168	30,258	1,340	4,920	706	222	173	960	2,859
Obstetric procedures										
Amniocentesis	123,661	105,390	11,099	792	6,380	1,659	784	253	1,336	2,348
Electronic fetal monitoring	3,142,863	2,511,297	483,413	28,919	119,234	20,327	6,767	4,752	22,378	65,010
Induction of labor	618,697	525,483	70,360	5,695	17,159	2,841	1,079	818	3,029	9,392
Ultrasound	2,365,266	1,923,476	331,742	21,428	88,620	14,732	5,697	3,856	17,484	46,851
Stimulation of labor	622,497	505,645	87,397	5,472	23,983	4,324	1,357	841	4,083	13,378
	Rate									
Medical risk factors										
Anemia	20.5	17.3	35.8	50.5	17.4	10.7	15.8	42.4	14.6	19.0
Diabetes	25.2	24.8	23.1	42.5	36.1	38.5	26.8	32.8	41.5	34.5
Hypertension, pregnancy-associated	34.1	34.6	35.3	45.9	18.8	11.8	21.1	31.3	26.8	17.2
Uterine bleeding [2]	7.7	8.1	6.1	7.8	5.9	5.7	9.4	5.5	6.4	5.5
Complications of labor and/or delivery										
Meconium,moderate/heavy	57.1	52.5	80.9	61.8	54.9	51.4	39.7	76.1	62.2	53.7
Premature rupture of membrane	30.6	29.7	34.8	42.7	29.9	30.0	39.1	43.7	28.1	28.6
Dysfunctional labor	28.0	28.6	24.8	35.0	26.8	26.6	34.3	34.4	26.8	25.6
Breech/Malpresentation	37.4	39.1	29.1	37.0	34.5	32.6	45.6	49.1	36.5	32.2
Cephalopelvic disproportion	25.4	26.3	20.7	22.4	27.4	29.4	30.7	29.3	34.1	23.9
Fetal distress [3]	41.5	39.5	54.1	37.5	32.6	27.1	25.8	30.5	32.5	35.3
Obstetric procedures										
Amniocentesis	32.0	34.3	18.5	21.6	40.1	60.9	88.4	43.8	43.8	27.0
Electronic fetal monitoring	812.7	817.3	807.7	790.3	748.5	746.1	763.0	822.3	734.2	747.9
Induction of labor	160.0	171.0	117.6	155.6	107.7	104.3	121.7	141.5	99.4	108.1
Ultrasound	611.6	626.0	554.3	585.6	556.3	540.7	642.3	667.2	573.6	539.0
Stimulation of labor	161.0	164.6	146.0	149.5	150.6	158.7	153.0	145.5	134.0	153.9

[1] Includes births to Aleuts and Eskimos.
[2] Texas does not report this risk factor.
[3] Texas does not report this complication.

Table 27. Number and rate of live births to mothers with selected medical risk factors, complications of labor, and obstetric procedures, by Hispanic origin of mother and by race of mother for mothers of non-Hispanic origin: United States, 1995

[Rates are number of live births with specified risk factors, complications or procedures per 1,000 live births in specified group]

Medical risk factor, complication, and obstetric procedure	All origins[1]	Origin of mother								
		Hispanic						Non-Hispanic		
		Total	Mexican American	Puerto Rican	Cuban	Central and South American	Other and unknown Hispanic	Total[2]	White	Black
	Number									
Medical risk factors										
Anemia	78,904	12,976	7,735	1,759	245	1,601	1,636	64,451	39,181	20,857
Diabetes	97,051	16,555	10,822	1,696	302	2,441	1,294	78,645	58,309	13,307
Hypertension, pregnancy-associated	131,565	17,662	11,710	1,513	382	2,449	1,608	111,987	86,967	20,590
Uterine bleeding[3]	27,131	2,960	1,805	287	63	548	257	23,547	19,123	3,308
Complications of labor and/or delivery										
Meconium,moderate/heavy	220,532	39,862	26,456	3,504	630	6,309	2,963	177,580	119,879	47,164
Premature rupture of membrane	118,097	14,213	8,074	1,915	355	2,443	1,426	101,453	75,297	20,132
Dysfunctional labor	107,951	15,359	8,853	1,681	657	2,636	1,532	89,732	70,172	14,256
Breech/Malpresentation	144,356	20,197	13,442	1,763	456	2,860	1,676	121,908	98,398	16,948
Cephalopelvic disproportion	98,180	12,915	8,991	1,004	255	1,714	951	84,017	66,963	12,101
Fetal distress[4]	146,686	19,379	12,323	1,971	386	3,253	1,446	124,888	89,285	29,574
Obstetric procedures										
Amniocentesis	123,661	10,018	5,160	1,242	372	2,076	1,168	110,039	92,338	10,788
Electronic fetal monitoring	3,142,863	508,301	342,245	45,402	10,442	71,032	39,180	2,588,154	1,974,565	471,051
Induction of labor	618,697	68,886	45,155	6,184	2,072	9,031	6,444	537,951	447,513	68,511
Ultrasound	2,365,266	329,650	225,000	28,428	7,306	40,552	28,364	1,994,973	1,565,594	323,903
Stimulation of labor	622,497	95,129	62,496	9,591	1,961	13,468	7,613	515,842	402,732	84,698
	Rate									
Medical risk factors										
Anemia	20.5	19.2	16.6	32.9	19.7	17.0	34.6	20.6	16.6	35.8
Diabetes	25.2	24.5	23.2	31.7	24.3	25.9	27.3	25.2	24.8	22.9
Hypertension, pregnancy-associated	34.1	26.2	25.1	28.3	30.8	26.0	34.0	35.8	36.9	35.4
Uterine bleeding[3]	7.7	5.5	5.2	5.5	5.2	6.2	6.5	8.0	8.6	6.1
Complications of labor and/or delivery										
Meconium,moderate/heavy	57.1	59.0	56.5	65.6	50.7	67.1	62.5	56.7	50.8	80.9
Premature rupture of membrane	30.6	21.0	17.2	35.9	28.6	26.0	30.1	32.4	31.9	34.5
Dysfunctional labor	28.0	22.7	18.9	31.5	52.8	28.0	32.3	28.7	29.7	24.4
Breech/Malpresentation	37.4	29.9	28.7	33.0	36.7	30.4	35.4	38.9	41.7	29.1
Cephalopelvic disproportion	25.4	19.1	19.2	18.8	20.5	18.2	20.1	26.8	28.4	20.7
Fetal distress[4]	41.5	36.0	35.6	37.5	31.7	37.1	36.6	42.4	40.2	54.3
Obstetric procedures										
Amniocentesis	32.0	14.8	11.0	23.2	29.9	22.0	24.6	35.1	39.1	18.5
Electronic fetal monitoring	812.7	751.6	730.3	848.3	839.9	753.7	826.1	825.6	835.7	807.2
Induction of labor	160.0	101.9	96.4	115.5	166.7	95.8	135.9	171.6	189.4	117.4
Ultrasound	611.6	487.5	480.1	531.1	587.6	430.3	598.0	636.4	662.6	555.0
Stimulation of labor	161.0	140.7	133.4	179.2	157.7	142.9	160.5	164.6	170.5	145.1

1 Includes origin not stated.
2 Includes races other than white and black.
3 Texas does not report this risk factor.
4 Texas does not report this complication.

Table 28. Number of live births by smoking status of mother, percent smokers, and percent distribution by average number of cigarettes smoked by mothers per day, according to age and race of mother: Total of 46 reporting States, the District of Columbia, and New York City, 1995

Smoking status, smoking measure, and race of mother	Age of mother									
	All ages	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					
	Number									
All races[1]										
Total	3,108,918	10,134	408,552	157,764	250,788	780,911	846,742	713,263	297,026	52,290
Smoker	427,035	731	67,558	22,803	44,755	131,957	106,427	80,111	35,081	5,170
Nonsmoker	2,636,094	9,271	335,712	132,903	202,809	638,188	728,058	621,849	256,892	46,124
Not stated	45,789	132	5,282	2,058	3,224	10,766	12,257	11,303	5,053	996
White										
Total	2,441,118	4,364	275,300	99,372	175,928	587,862	690,825	595,439	245,076	42,252
Smoker	361,287	573	59,409	19,838	39,571	114,496	89,677	65,286	27,801	4,045
Nonsmoker	2,044,659	3,731	212,257	78,168	134,089	465,290	591,550	521,148	213,265	37,418
Not stated	35,172	60	3,634	1,366	2,268	8,076	9,598	9,005	4,010	789
Black										
Total	539,173	5,457	121,282	53,905	67,377	165,586	118,335	84,426	37,125	6,962
Smoker	56,107	128	6,300	2,316	3,984	14,335	14,530	13,258	6,562	994
Nonsmoker	474,991	5,262	113,608	51,005	62,603	149,152	101,853	69,485	29,817	5,814
Not stated	8,075	67	1,374	584	790	2,099	1,952	1,683	746	154
	Percent									
Smoker[1]	13.9	7.3	16.8	14.6	18.1	17.1	12.8	11.4	12.0	10.1
White	15.0	13.3	21.9	20.2	22.8	19.7	13.2	11.1	11.5	9.8
Black	10.6	2.4	5.3	4.3	6.0	8.8	12.5	16.0	18.0	14.6
	Percent distribution									
All races[1]										
Smoker	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1-5 cigarettes	25.0	46.5	32.2	35.9	30.3	25.1	22.9	22.9	22.0	20.5
6-10 cigarettes	40.4	36.9	42.2	41.6	42.4	41.8	40.4	38.3	37.1	34.7
11-15 cigarettes	6.4	4.3	4.7	4.1	5.0	6.1	7.0	7.9	7.1	6.9
16-20 cigarettes	23.7	10.4	18.3	16.3	19.3	23.2	25.0	25.7	26.8	29.3
21-30 cigarettes	3.1	*	1.9	1.5	2.1	2.7	3.4	3.9	4.5	5.0
31-40 cigarettes	1.2	*	0.6	0.5	0.7	0.9	1.2	1.6	2.3	3.2
41 cigarettes or more	0.2	*	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.4
White										
Smoker	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1-5 cigarettes	22.4	43.2	29.3	32.8	27.5	22.4	20.4	20.4	19.1	17.8
6-10 cigarettes	40.4	40.3	43.3	43.0	43.4	42.2	40.1	37.6	35.8	33.3
11-15 cigarettes	7.0	4.9	5.0	4.4	5.4	6.5	7.6	8.1	7.9	7.7
16-20 cigarettes	25.3	9.9	19.6	17.6	20.5	24.8	26.7	27.6	29.1	31.2
21-30 cigarettes	3.5	*	2.0	1.6	2.3	2.9	3.7	4.5	5.3	5.9
31-40 cigarettes	1.3	*	0.6	0.5	0.7	1.0	1.3	1.7	2.5	3.7
41 cigarettes or more	0.2	*	0.2	0.2	0.2	0.2	0.2	0.2	0.3	*
Black										
Smoker	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1-5 cigarettes	39.7	60.3	55.2	58.3	53.4	44.2	36.7	34.5	33.2	30.9
6-10 cigarettes	40.3	23.3	32.9	31.2	33.8	39.5	42.2	41.9	42.3	39.7
11-15 cigarettes	3.0	*	2.3	2.3	2.3	2.5	3.0	3.6	3.4	3.8
16-20 cigarettes	14.6	*	8.6	7.2	9.3	12.1	15.5	17.0	17.7	22.3
21-30 cigarettes	1.2	*	0.6	*	0.6	0.9	1.3	1.5	1.8	*
31-40 cigarettes	0.9	*	0.4	*	*	0.6	1.0	1.3	1.3	*
41 cigarettes or more	0.2	*	*	*	*	0.2	0.3	0.2	0.4	*

* Figure does not meet standards of reliability or precision.
[1] Includes races other than white and black.

Table 29. Number of live births by smoking status of mother and percent of mothers who smoked cigarettes during pregnancy, by age and Hispanic origin of mother and by race of mother for mothers of non-Hispanic origin: Total of 46 reporting States, the District of Columbia, and New York City, 1995

Origin of mother	Smoking status				Age of mother									
	Total births	Smoker	Non-smoker	Not stated	All ages	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 origins [1]	3,108,918	427,035	2,636,094	45,789	13.9	7.3	16.8	14.6	18.1	17.1	12.8	11.4	12.0	10.1
Hispanic	412,137	17,501	389,913	4,723	4.3	3.3	4.6	4.5	4.8	4.5	3.8	4.2	5.0	4.0
Mexican American	248,270	7,684	238,834	1,752	3.1	2.7	3.3	3.3	3.3	3.2	2.7	3.3	3.6	3.3
Puerto Rican	50,119	5,087	43,671	1,361	10.4	*	9.2	8.1	10.2	10.9	10.5	10.5	13.0	11.0
Cuban	11,460	473	10,936	51	4.1	*	5.4	*	6.0	4.2	3.1	4.3	5.5	*
Central and South American	63,717	1,150	61,651	916	1.8	*	2.0	2.2	1.9	1.7	1.6	1.7	2.8	1.9
Other and unknown Hispanic	38,571	3,107	34,821	643	8.2	*	8.1	7.2	8.8	9.0	7.4	8.2	8.5	6.4
Non-Hispanic [2]	2,667,815	405,064	2,224,551	38,200	15.4	8.3	19.4	17.1	20.8	19.6	14.0	12.2	12.8	10.8
White	2,016,729	340,732	1,647,770	28,227	17.1	21.5	28.1	27.3	28.6	23.9	14.8	12.0	12.4	10.6
Black	527,458	55,255	464,561	7,642	10.6	2.4	5.2	4.3	5.9	8.8	12.6	16.2	18.2	14.8

* Figure does not meet standards of reliability or precision.
1 Includes origin not stated.
2 Includes races other than white and black.

NOTE: Excludes data for California, Indiana, New York State (but includes New York City), and South Dakota, which did not require reporting of tobacco use during pregnancy.

Table 30. Number of live births, percent of mothers who smoked cigarettes during pregnancy, and percent distribution of average number of cigarettes smoked by mothers per day, according to educational attainment and race of mother: Total of 46 reporting States, the District of Columbia, and New York City, 1995

Smoking measure, and race of mother	Total	Years of school completed by mother					
		0-8 years	9-11 years	12 years	13-15 years	16 years or more	Not Stated
	All births						
All races [1]	3,108,918	149,716	494,124	1,065,576	681,065	668,533	49,904
White	2,441,118	123,398	341,516	815,105	542,248	583,779	35,072
Black	539,173	19,034	135,809	209,567	114,430	49,581	10,752
	Percent						
Smoker [1]	13.9	12.6	26.2	17.7	10.5	2.7	12.6
White	15.0	13.4	30.6	20.0	11.4	2.8	12.8
Black	10.6	9.5	16.1	10.5	7.3	3.0	14.2
	Percent distribution						
All races [1]							
Smoker	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10 cigarettes or less	65.4	59.7	64.5	64.9	67.7	72.9	67.7
11-20 cigarettes	30.1	32.9	30.4	30.8	28.6	24.5	27.5
21 cigarettes or more	4.6	7.4	5.1	4.4	3.7	2.7	4.8
White							
Smoker	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10 cigarettes or less	62.8	57.4	61.1	62.5	65.6	72.0	63.7
11-20 cigarettes	32.3	34.6	33.3	32.8	30.4	25.2	30.8
21 cigarettes or more	4.9	8.0	5.6	4.7	4.0	2.9	5.5
Black							
Smoker	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10 cigarettes or less	80.0	76.6	79.3	80.3	82.0	81.4	77.3
11-20 cigarettes	17.6	20.2	17.8	17.5	16.4	17.7	19.5
21 cigarettes or more	2.4	3.1	2.9	2.2	1.6	*	3.2

* Figure does not meet standards of reliability or precision.
[1] Includes races other than white and black.

NOTE: Excludes data for California, Indiana, New York State (but includes New York City), and South Dakota, which did not require reporting of tobacco use during pregnancy.

Table 31. Percent low birthweight by smoking status, age, and race of mother: Total of 46 reporting States, the District of Columbia, and New York City, 1995

[Low birthweight is defined as weight of less than 2,500 grams (5 lb 8 oz)]

Smoking 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	40-49 years
			Total	15-17 years	18-19 years					
All races [1]										
Total	7.6	14.2	9.7	10.6	9.1	7.6	6.6	6.9	8.3	9.8
Smoker	12.2	15.2	11.3	12.0	10.9	10.6	11.6	13.7	16.8	19.6
Nonsmoker	6.8	14.1	9.3	10.3	8.7	7.0	5.9	5.9	7.1	8.7
Not stated	10.2	16.0	13.2	13.3	13.1	10.1	9.0	9.5	11.9	11.2
White										
Total	6.4	11.6	8.2	8.9	7.8	6.4	5.6	5.9	7.1	8.5
Smoker	10.6	14.8	10.8	11.3	10.5	9.7	9.9	11.2	13.9	16.5
Nonsmoker	5.6	11.1	7.4	8.2	6.9	5.5	4.9	5.2	6.2	7.6
Not stated	8.7	*	12.0	13.1	11.4	9.1	7.4	7.7	9.8	10.1
Black										
Total	13.2	16.7	13.2	13.8	12.7	12.1	12.8	14.3	16.4	17.4
Smoker	22.9	18.3	16.9	19.0	15.7	18.2	22.8	26.9	29.5	32.2
Nonsmoker	12.0	16.6	12.9	13.5	12.5	11.5	11.2	11.7	13.4	15.0
Not stated	17.5	*	16.8	14.8	18.3	14.8	17.3	19.0	23.8	13.0

* Figure does not meet standards of reliability or precision.
[1] Includes races other than white and black.

NOTE: Excludes data for California, Indiana, New York State (but includes New York City), and South Dakota, which did not require reporting of tobacco use during pregnancy.

Table 32. Number of live births by drinking status of mother, percent of mothers who drank during pregnancy, and percent distribution by average number of drinks per week, according to age and race of mother: Total of 48 reporting States and the District of Columbia, 1995

Drinking status, drinking measure, 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					
	Number									
All races [1]										
Total	3,337,069	10,586	431,930	166,266	265,664	829,905	911,556	774,300	322,225	56,567
Drinker	50,820	61	3,844	1,373	2,471	9,612	12,573	15,303	8,045	1,382
Nondrinker	3,231,681	10,374	421,579	162,431	259,148	807,392	884,616	745,621	308,119	53,980
Not stated	54,568	151	6,507	2,462	4,045	12,901	14,367	13,376	6,061	1,205
White										
Total	2,640,303	4,610	293,384	105,572	187,812	629,126	748,670	650,689	267,770	46,054
Drinker	36,464	37	2,833	987	1,846	6,644	8,574	11,216	6,108	1,052
Nondrinker	2,561,196	4,502	285,993	102,910	183,083	612,729	728,701	628,546	256,699	44,026
Not stated	42,643	71	4,558	1,675	2,883	9,753	11,395	10,927	4,963	976
Black										
Total	562,779	5,658	126,281	56,113	70,168	172,492	123,656	88,488	38,897	7,307
Drinker	12,578	18	773	297	476	2,493	3,569	3,673	1,754	298
Nondrinker	541,238	5,567	123,907	55,153	68,754	167,543	117,972	83,052	36,350	6,847
Not stated	8,963	73	1,601	663	938	2,456	2,115	1,763	793	162
	Percent									
Drinker [1]	1.5	0.6	0.9	0.8	0.9	1.2	1.4	2.0	2.5	2.5
White	1.4	0.8	1.0	0.9	1.0	1.1	1.2	1.8	2.3	2.3
Black	2.3	*	0.6	0.5	0.7	1.5	2.9	4.2	4.6	4.2
	Percent distribution									
All races [1]										
Drinker	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 drink or less	54.3	*	56.4	59.8	54.7	53.7	53.9	55.1	53.6	51.1
2 drinks	18.6	*	19.2	18.4	19.7	18.1	18.5	18.5	19.2	18.7
3-4 drinks	12.4	*	10.7	10.0	11.0	12.8	12.4	12.5	12.4	13.7
5 drinks or more	14.7	*	13.7	11.9	14.6	15.3	15.2	14.0	14.7	16.4
White										
Drinker	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 drink or less	60.8	*	58.1	60.6	56.9	59.1	61.8	62.5	60.1	56.2
2 drinks	17.2	*	18.5	17.1	19.1	16.7	16.4	17.2	18.2	18.0
3-4 drinks	11.0	*	10.4	9.8	10.7	11.5	10.6	10.9	11.0	12.8
5 drinks or more	10.9	*	13.0	12.4	13.2	12.7	11.2	9.4	10.7	12.9
Black										
Drinker	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 drink or less	35.5	*	51.7	58.2	48.0	40.6	35.4	31.5	31.7	32.1
2 drinks	22.9	*	21.5	21.2	21.7	22.3	23.7	22.8	22.8	21.4
3-4 drinks	16.8	*	11.6	*	11.8	17.1	16.4	17.4	17.7	17.7
5 drinks or more	24.8	*	15.2	*	18.4	20.1	24.4	28.3	27.8	28.8

* Figure does not meet standards of reliability or precision.
[1] Includes races other than white and black.

NOTE: Excludes data for California and South Dakota, which did not require reporting of alcohol use during pregnancy.

Table 33. Live births by month of pregnancy prenatal care began and percent of mothers beginning care in the first trimester and percent with late or no care, by age and race of mother: United States, 1995

Age and race of mother	All births	Month of pregnancy prenatal care began									
		1st trimester			2d trimester	Late or no care			Not stated	Percent	
		Total	1st and 2d months	3d month	4th-6th months	Total	7th-9th months	No care		1st trimester	Late or no care
All races [1]	3,899,589	3,094,402	2,341,956	752,446	551,366	161,678	114,986	46,692	92,143	81.3	4.2
Under 15 years	12,242	5,662	3,285	2,377	4,297	1,801	1,270	531	482	48.1	15.3
15-19 years	499,873	322,346	210,144	112,202	127,297	36,878	27,010	9,868	13,352	66.3	7.6
15 years	30,734	16,769	10,123	6,646	9,716	3,298	2,396	902	951	56.3	11.1
16 years	62,174	36,898	23,083	13,815	18,008	5,393	3,975	1,418	1,875	61.2	8.9
17 years	99,600	63,008	40,376	22,632	26,330	7,569	5,491	2,078	2,693	65.0	7.8
18 years	138,535	91,039	59,779	31,260	34,247	9,664	7,095	2,569	3,585	67.5	7.2
19 years	168,830	114,632	76,783	37,849	38,996	10,954	8,053	2,901	4,248	69.7	6.7
20-24 years	965,547	715,678	513,424	202,254	175,089	50,888	36,930	13,958	23,892	76.0	5.4
25-29 years	1,063,539	886,519	690,739	195,780	118,582	34,837	24,564	10,273	23,601	85.2	3.3
30-34 years	904,666	780,641	622,019	158,622	80,992	23,537	16,001	7,536	19,496	88.2	2.7
35-39 years	383,745	326,725	258,632	68,093	36,682	11,073	7,376	3,697	9,265	87.2	3.0
40 years and over	69,977	56,831	43,713	13,118	8,427	2,664	1,835	829	2,055	83.7	3.9
White	3,098,885	2,538,067	1,943,366	594,701	390,867	107,400	79,729	27,671	62,551	83.6	3.5
Under 15 years	5,854	2,986	1,789	1,197	1,825	837	576	261	206	52.9	14.8
15-19 years	349,635	234,518	153,678	80,840	83,466	23,596	17,743	5,853	8,055	68.7	6.9
15 years	18,118	10,513	6,443	4,070	5,251	1,895	1,391	504	459	59.5	10.7
16 years	40,206	25,024	15,693	9,331	10,867	3,257	2,468	789	1,058	63.9	8.3
17 years	68,841	45,349	29,235	16,114	17,063	4,840	3,607	1,233	1,589	67.4	7.2
18 years	98,635	67,042	44,107	22,935	23,075	6,319	4,757	1,562	2,199	69.5	6.6
19 years	123,835	86,590	58,200	28,390	27,210	7,285	5,520	1,765	2,750	71.5	6.0
20-24 years	743,123	566,989	409,828	157,161	125,349	34,724	26,138	8,586	16,061	78.0	4.8
25-29 years	873,022	745,462	585,984	159,478	87,571	23,648	17,539	6,109	16,341	87.0	2.8
30-34 years	754,662	665,686	535,240	130,446	59,690	15,475	11,253	4,222	13,811	89.9	2.1
35-39 years	316,166	275,414	220,184	55,230	26,847	7,338	5,202	2,136	6,567	89.0	2.4
40 years and over	56,423	47,012	36,663	10,349	6,119	1,782	1,278	504	1,510	85.6	3.2
Black	603,139	407,723	289,932	117,791	127,360	44,127	27,026	17,101	23,929	70.4	7.6
Under 15 years	5,927	2,484	1,398	1,086	2,308	874	624	250	261	43.8	15.4
15-19 years	133,694	78,211	50,522	27,689	38,922	11,721	8,016	3,705	4,840	60.7	9.1
15 years	11,534	5,714	3,387	2,327	4,102	1,258	894	364	460	51.6	11.4
16 years	19,960	10,788	6,733	4,055	6,490	1,916	1,335	581	766	56.2	10.0
17 years	27,618	15,904	10,059	5,845	8,274	2,421	1,641	780	1,019	59.8	9.1
18 years	35,372	21,330	14,032	7,298	9,841	2,938	2,008	930	1,263	62.5	8.6
19 years	39,210	24,475	16,311	8,164	10,215	3,188	2,138	1,050	1,332	64.6	8.4
20-24 years	183,435	122,551	85,829	36,722	40,773	13,481	8,654	4,827	6,630	69.3	7.6
25-29 years	133,535	96,960	71,976	24,984	22,515	8,532	4,864	3,668	5,528	75.7	6.7
30-34 years	96,084	71,152	53,474	17,678	14,597	6,071	3,092	2,979	4,264	77.5	6.6
35-39 years	42,507	30,820	22,784	8,036	6,812	2,849	1,458	1,391	2,026	76.1	7.0
40 years and over	7,957	5,545	3,949	1,596	1,433	599	318	281	380	73.2	7.9

[1] Includes races other than white and black.

Table 34. Percent of mothers beginning prenatal care in the first trimester and percent of mothers with late or no prenatal care by race of mother: United States and each State, Puerto Rico, Virgin Islands, and Guam, 1995

[By place of residence]

State	Percent beginning care in 1st trimester			Percent late [1] or no care		
	All races [2]	White	Black	All races [2]	White	Black
United States [3]	81.3	83.6	70.4	4.2	3.5	7.6
Alabama	81.7	87.8	69.5	3.8	2.2	7.0
Alaska	83.4	85.7	85.3	3.3	2.7	*
Arizona	72.1	73.2	68.9	8.2	7.8	8.2
Arkansas	76.6	80.8	62.1	6.3	4.7	12.1
California	78.5	78.5	76.3	5.2	5.2	6.0
Colorado	80.4	81.1	72.9	5.1	4.9	7.5
Connecticut	87.8	89.5	76.3	2.5	2.1	5.5
Delaware	85.3	88.5	74.4	2.8	1.9	5.8
District of Columbia	59.8	76.9	54.5	14.9	8.2	17.0
Florida	82.6	85.9	71.3	3.4	2.6	5.9
Georgia	84.2	88.8	75.5	3.2	2.1	5.4
Hawaii	83.7	88.8	91.9	3.6	2.2	*
Idaho	79.9	80.1	78.3	4.1	4.0	*
Illinois	80.8	84.4	67.1	4.4	3.1	9.2
Indiana	80.9	82.5	66.9	3.6	3.1	7.2
Iowa	87.1	87.7	72.2	2.4	2.3	6.2
Kansas	85.7	86.8	75.0	2.7	2.4	5.6
Kentucky	84.3	85.7	71.2	2.9	2.6	6.5
Louisiana	80.7	88.3	70.0	4.0	1.9	7.1
Maine	89.1	89.4	78.2	1.7	1.7	*
Maryland	87.9	92.4	77.7	3.0	1.6	6.4
Massachusetts	89.3	90.8	78.7	1.9	1.5	4.7
Michigan	83.6	86.8	69.5	3.3	2.3	7.7
Minnesota	83.6	86.3	62.9	3.0	2.2	9.2
Mississippi	77.2	87.0	66.1	4.8	2.1	7.7
Missouri	85.2	87.7	71.7	3.0	2.2	7.7
Montana	81.5	83.5	85.0	3.5	2.8	*
Nebraska	84.1	85.2	70.5	2.9	2.6	6.3
Nevada	75.7	76.6	65.9	7.9	7.6	12.0
New Hampshire	90.0	90.1	82.9	1.8	1.8	*
New Jersey	82.8	86.4	67.3	4.2	2.8	10.4
New Mexico	69.5	71.6	60.6	8.1	7.2	12.9
New York	78.0	81.5	66.5	5.2	4.1	9.0
North Carolina	83.5	88.3	71.3	3.3	2.1	6.4
North Dakota	83.9	85.2	76.8	2.3	1.9	*
Ohio	84.7	87.3	69.5	3.5	2.5	9.3
Oklahoma	78.2	80.9	66.1	4.9	3.9	8.7
Oregon	78.8	79.2	72.8	4.3	4.2	7.2
Pennsylvania	83.4	86.5	65.3	3.9	2.7	11.1
Rhode Island	89.7	91.1	77.4	1.3	1.1	4.5
South Carolina	78.5	85.5	66.2	4.8	2.8	8.4
South Dakota	81.9	85.6	72.7	3.6	2.0	*
Tennessee	82.8	86.2	71.1	3.6	2.4	7.6
Texas	77.3	77.6	73.7	5.7	5.6	6.6
Utah	84.3	85.3	66.4	3.0	2.7	*
Vermont	87.3	87.5	70.3	1.9	1.9	*
Virginia	83.8	87.8	71.7	3.2	2.1	6.7
Washington	82.7	83.6	75.8	3.5	3.2	6.3
West Virginia	82.0	82.6	66.8	3.0	2.8	8.3
Wisconsin	83.4	86.6	65.5	3.4	2.6	9.1
Wyoming	83.1	83.9	72.7	3.8	3.5	*
Puerto Rico	77.0	78.0	65.0	3.7	3.3	8.6
Virgin Islands	56.0	59.4	54.6	14.9	15.4	14.9
Guam	70.1	79.7	78.0	9.4	*	*

* Figure does not meet standards of reliability or precision.
1 Care beginning in 3rd trimester.
2 Includes races other than white and black.
3 Excludes data for Puerto Rico, Virgin Islands, and Guam.

Table 35. Live births by month of pregnancy prenatal care began, number of prenatal visits, and median number of visits, by race of mother: United States, 1995

Number of prenatal visits and race of mother	All births	Month of pregnancy prenatal care began							
		1st trimester			2d trimester	Late or no care			Not stated
		Total	1st and 2d months	3d month	4th-6th months	Total	7th-9th months	No care	
All races [1]	3,899,589	3,094,402	2,341,956	752,446	551,366	161,678	114,986	46,692	92,143
No visits	46,692	...	...	...	...	46,692	...	46,692	...
1-2 visits	42,718	9,502	5,974	3,528	10,622	20,639	20,639	...	1,955
3-4 visits	86,611	22,789	12,622	10,167	32,796	28,966	28,966	...	2,060
5-6 visits	184,577	75,772	42,422	33,350	78,456	27,315	27,315	...	3,034
7-8 visits	336,984	200,737	121,682	79,055	116,015	16,275	16,275	...	3,957
9-10 visits	738,958	569,550	377,370	192,180	152,728	9,145	9,145	...	7,535
11-12 visits	1,019,388	924,125	701,493	222,632	86,563	3,617	3,617	...	5,083
13-14 visits	637,963	601,426	496,094	105,332	32,551	1,385	1,385	...	2,601
15-16 visits	436,315	413,730	351,339	62,391	19,817	1,022	1,022	...	1,746
17-18 visits	97,463	92,674	78,550	14,124	4,067	245	245	...	477
19 visits or more	139,780	131,642	114,362	17,280	6,766	511	511	...	861
Not stated	132,140	52,455	40,048	12,407	10,985	5,866	5,866	...	62,834
Median number of visits	12.2	12.6	12.8	11.6	9.6	5.3	5.3	...	10.3
White	3,098,885	2,538,067	1,943,366	594,701	390,867	107,400	79,729	27,671	62,551
No visits	27,671	...	...	...	...	27,671	...	27,671	...
1-2 visits	26,290	6,017	3,849	2,168	5,788	13,396	13,396	...	1,089
3-4 visits	55,594	14,444	8,040	6,404	20,373	19,553	19,553	...	1,224
5-6 visits	126,606	53,085	29,776	23,309	52,430	19,106	19,106	...	1,985
7-8 visits	253,847	156,743	96,219	60,524	82,574	11,732	11,732	...	2,798
9-10 visits	583,552	460,567	308,579	151,988	110,938	6,601	6,601	...	5,446
11-12 visits	844,023	772,333	591,857	180,476	64,952	2,750	2,750	...	3,988
13-14 visits	536,908	509,210	422,348	86,862	24,627	1,009	1,009	...	2,062
15-16 visits	358,191	341,525	291,743	49,782	14,505	796	796	...	1,365
17-18 visits	80,905	77,257	65,920	11,337	3,078	195	195	...	375
19 visits or more	113,672	107,956	94,765	13,191	4,744	373	373	...	599
Not stated	91,626	38,930	30,270	8,660	6,858	4,218	4,218	...	41,620
Median number of visits	12.3	12.6	12.8	11.7	9.8	5.5	5.5	...	10.5
Black	603,139	407,723	289,932	117,791	127,360	44,127	27,026	17,101	23,929
No visits	17,101	...	...	...	...	17,101	...	17,101	...
1-2 visits	13,650	2,945	1,773	1,172	4,213	5,748	5,748	...	744
3-4 visits	25,425	7,049	3,900	3,149	10,327	7,341	7,341	...	708
5-6 visits	45,703	18,132	10,292	7,840	20,408	6,296	6,296	...	867
7-8 visits	61,945	32,005	18,641	13,364	25,560	3,441	3,441	...	939
9-10 visits	115,134	78,522	49,230	29,292	32,956	1,977	1,977	...	1,679
11-12 visits	125,875	107,454	76,663	30,791	16,949	628	628	...	844
13-14 visits	72,791	65,807	52,089	13,718	6,291	295	295	...	398
15-16 visits	59,051	54,101	44,383	9,718	4,480	170	170	...	300
17-18 visits	12,400	11,478	9,276	2,202	809	36	36	...	77
19 visits or more	21,106	19,012	15,639	3,373	1,749	113	113	...	232
Not stated	32,958	11,218	8,046	3,172	3,618	981	981	...	17,141
Median number of visits	11.4	12.4	12.7	11.2	9.1	5.0	5.0	...	9.4

[1] Includes races other than white and black.

Table 36. Live births to mothers with selected obstetric procedures and rates by age of mother, by race of mother: United States, 1995

[Rates are number of live births with specified procedure per 1,000 live births in specified group]

Obstetric procedure and race of mother	All births	Obstetric procedure reported	Age of mother							Not stated
			All ages	Under 20 years	20-24 years	25-29 years	30-34 years	35-39 years	40-49 years	
All races [1]										
Amniocentesis	3,899,589	123,661	32.0	9.7	11.5	15.4	28.0	140.1	189.0	32,442
Electronic fetal monitoring	3,899,589	3,142,863	812.7	821.9	818.2	815.2	809.0	794.6	778.0	32,442
Induction of labor	3,899,589	618,697	160.0	141.2	155.4	167.1	166.5	161.1	163.6	32,442
Stimulation of labor	3,899,589	622,497	161.0	167.6	165.2	163.7	156.8	147.7	138.6	32,442
Tocolysis	3,899,589	72,964	18.9	20.8	19.4	18.3	17.9	18.7	19.0	32,442
Ultrasound	3,899,589	2,365,266	611.6	600.7	609.3	617.2	615.5	610.6	594.6	32,442
White										
Amniocentesis	3,098,885	105,390	34.3	10.0	11.7	15.8	29.1	148.4	202.8	26,127
Electronic fetal monitoring	3,098,885	2,511,297	817.3	826.1	822.4	820.6	814.1	799.8	782.6	26,127
Induction of labor	3,098,885	525,483	171.0	154.4	167.2	177.5	175.5	169.8	172.1	26,127
Stimulation of labor	3,098,885	505,645	164.6	175.0	169.8	166.9	159.4	150.5	140.6	26,127
Tocolysis	3,098,885	58,370	19.0	21.8	19.7	18.4	17.8	18.7	19.4	26,127
Ultrasound	3,098,885	1,923,476	626.0	617.6	623.0	631.6	628.5	623.8	609.6	26,127
Black										
Amniocentesis	603,139	11,099	18.5	9.1	10.7	14.1	20.5	76.5	107.0	4,640
Electronic fetal monitoring	603,139	483,413	807.7	817.5	813.1	804.1	799.9	786.2	779.8	4,640
Induction of labor	603,139	70,360	117.6	110.7	115.8	121.1	122.8	121.0	137.6	4,640
Stimulation of labor	603,139	87,397	146.0	150.6	149.3	146.6	140.1	132.3	123.4	4,640
Tocolysis	603,139	10,752	18.0	17.8	18.1	17.6	18.7	17.6	16.6	4,640
Ultrasound	603,139	331,742	554.3	560.8	563.7	549.1	542.4	540.9	526.4	4,640

[1] Includes races other than white and black.

Table 37. Live births to mothers with selected complications of labor and/or delivery and rates by age of mother, by race of mother: United States, 1995

[Rates are number of live births with specified complication per 1,000 live births in specified group]

Complication and race of mother	All births [1]	Complication reported	Age of mother							Not stated
			All ages	Under 20 years	20-24 years	25-29 years	30-34 years	35-39 years	40-49 years	
All races [2]										
Febrile	3,899,589	61,622	16.0	19.3	16.6	16.1	14.6	13.1	13.9	38,243
Meconium, moderate/heavy	3,899,589	220,532	57.1	62.3	57.8	55.3	54.7	58.1	62.6	38,243
Premature rupture of membrane	3,899,589	118,097	30.6	29.5	28.7	30.3	31.4	34.4	37.2	38,243
Abruptio placenta	3,899,589	22,153	5.7	5.3	5.5	5.3	5.9	7.3	8.9	38,243
Placenta previa	3,899,589	12,941	3.4	1.2	2.0	3.1	4.5	6.6	8.8	38,243
Other excessive bleeding	3,899,589	22,369	5.8	5.2	5.5	5.5	6.0	7.0	8.4	38,243
Seizures during labor	3,899,589	1,677	0.4	0.8	0.5	0.3	0.3	0.4	0.3	38,243
Precipitous labor	3,899,589	73,833	19.1	13.6	18.0	19.2	21.5	23.1	22.4	38,243
Prolonged labor	3,899,589	33,894	8.8	9.5	8.9	8.9	8.4	8.1	8.8	38,243
Dysfunctional labor	3,899,589	107,951	28.0	25.9	27.2	28.9	28.4	28.5	32.0	38,243
Breech/Malpresentation	3,899,589	144,356	37.4	29.4	31.6	37.8	42.4	46.8	52.8	38,243
Cephalopelvic disproportion	3,899,589	98,180	25.4	23.0	24.3	27.1	26.0	25.5	26.9	38,243
Cord prolapse	3,899,589	8,837	2.3	1.9	2.1	2.3	2.4	2.8	3.3	38,243
Anesthetic complication [3]	3,576,836	2,098	0.6	0.5	0.5	0.6	0.7	0.7	0.9	40,780
Fetal distress [3]	3,576,836	146,686	41.5	46.0	41.4	39.6	39.4	44.1	49.9	40,780
White										
Febrile	3,098,885	46,216	15.1	17.8	15.8	15.5	13.8	12.5	13.2	30,926
Meconium, moderate/heavy	3,098,885	161,174	52.5	55.2	52.9	51.4	51.0	54.4	58.8	30,926
Premature rupture of membrane	3,098,885	91,004	29.7	27.9	27.8	29.5	30.4	33.4	37.0	30,926
Abruptio placenta	3,098,885	17,062	5.6	5.1	5.3	5.1	5.7	7.0	9.0	30,926
Placenta previa	3,098,885	10,108	3.3	1.1	1.9	3.0	4.4	6.2	8.1	30,926
Other excessive bleeding	3,098,885	17,618	5.7	5.3	5.4	5.5	5.9	6.8	8.4	30,926
Seizures during labor	3,098,885	1,065	0.3	0.7	0.4	0.3	0.2	0.3	*	30,926
Precipitous labor	3,098,885	56,999	18.6	12.5	16.7	18.4	21.3	23.1	21.7	30,926
Prolonged labor	3,098,885	27,345	8.9	10.0	9.2	9.0	8.3	8.2	9.0	30,926
Dysfunctional labor	3,098,885	87,610	28.6	26.6	28.2	29.3	28.6	28.7	32.7	30,926
Breech/Malpresentation	3,098,885	120,104	39.1	32.3	33.5	39.3	43.2	47.4	53.8	30,926
Cephalopelvic disproportion	3,098,885	80,642	26.3	23.7	25.6	27.9	26.4	25.8	27.4	30,926
Cord prolapse	3,098,885	7,040	2.3	2.0	2.1	2.2	2.4	2.8	3.2	30,926
Anesthetic complication [3]	2,823,795	1,689	0.6	0.5	0.5	0.6	0.7	0.8	0.9	32,980
Fetal distress [3]	2,823,795	110,168	39.5	43.5	39.5	38.1	37.5	42.1	48.6	32,980
Black										
Febrile	603,139	11,091	18.5	22.7	18.7	17.4	16.6	13.7	12.6	5,152
Meconium, moderate/heavy	603,139	48,370	80.9	80.6	77.5	81.0	84.3	86.9	90.1	5,152
Premature rupture of membrane	603,139	20,790	34.8	32.2	31.5	35.2	39.5	43.3	43.7	5,152
Abruptio placenta	603,139	4,073	6.8	5.7	6.4	6.8	8.0	9.0	8.2	5,152
Placenta previa	603,139	1,936	3.2	1.2	2.3	3.6	4.8	7.8	9.6	5,152
Other excessive bleeding	603,139	2,719	4.5	3.9	4.2	4.5	5.4	6.0	6.3	5,152
Seizures during labor	603,139	338	0.6	0.9	0.6	0.4	0.3	0.6	*	5,152
Precipitous labor	603,139	12,319	20.6	15.1	21.5	22.5	22.8	23.1	25.9	5,152
Prolonged labor	603,139	4,051	6.8	7.3	6.5	6.6	7.1	6.2	7.1	5,152
Dysfunctional labor	603,139	14,802	24.8	23.7	23.3	26.2	26.4	25.8	27.2	5,152
Breech/Malpresentation	603,139	17,428	29.1	21.9	24.4	30.6	38.7	43.9	48.6	5,152
Cephalopelvic disproportion	603,139	12,374	20.7	21.6	19.4	22.0	21.2	18.5	18.4	5,152
Cord prolapse	603,139	1,402	2.3	1.8	2.1	2.5	2.8	3.3	4.6	5,152
Anesthetic complication [3]	564,412	295	0.5	0.4	0.4	0.5	0.8	0.6	*	5,587
Fetal distress [3]	564,412	30,258	54.1	53.7	51.0	52.9	58.4	61.6	65.0	5,587

* Figure does not meet standards of reliability or precision.
1 Total number of births to residents of areas reporting specified complication.
2 Includes races other than white and black.
3 Texas does not report this complication.

Table 38. Live births by attendant, place of delivery, and race of mother: United States, 1995

Place of delivery and race of mother	All births	Physician			Midwife			Other	Unspecified
		Total	Doctor of medicine	Doctor of osteopathy	Total	Certified nurse midwife	Other midwife		
All races[1]									
Total	3,899,589	3,640,629	3,498,648	141,981	229,947	216,768	13,179	22,173	6,840
In hospital[2]	3,860,555	3,634,015	3,493,082	140,933	209,152	207,370	1,782	11,646	5,742
Not in hospital	38,314	6,344	5,303	1,041	20,508	9,112	11,396	10,507	955
Freestanding birthing center	10,524	1,596	1,004	592	8,735	6,091	2,644	183	10
Clinic or doctor's office	876	413	338	75	284	154	130	144	35
Residence	24,276	3,339	3,020	319	11,118	2,669	8,449	9,019	800
Other	2,638	996	941	55	371	198	173	1,161	110
Not specified	720	270	263	7	287	286	1	20	143
White									
Total	3,098,885	2,900,460	2,778,133	122,327	177,456	165,029	12,427	16,536	4,433
In hospital[2]	3,065,088	2,895,647	2,774,307	121,340	157,562	156,254	1,308	8,280	3,599
Not in hospital	33,156	4,576	3,596	980	19,622	8,504	11,118	8,244	714
Freestanding birthing center	10,030	1,537	951	586	8,317	5,739	2,578	169	7
Clinic or doctor's office	725	341	276	65	261	138	123	97	26
Residence	20,638	2,127	1,838	289	10,705	2,455	8,250	7,195	611
Other	1,763	571	531	40	339	172	167	783	70
Not specified	641	237	230	7	272	271	1	12	120
Black									
Total	603,139	560,945	545,703	15,242	37,334	37,007	327	4,278	582
In hospital[2]	599,134	559,404	544,209	15,195	36,808	36,583	225	2,525	397
Not in hospital	3,938	1,512	1,465	47	516	414	102	1,745	165
Freestanding birthing center	326	38	36	2	275	243	32	10	3
Clinic or doctor's office	69	35	29	6	8	8	-	20	6
Residence	2,828	1,076	1,050	26	214	146	68	1,412	126
Other	715	363	350	13	19	17	2	303	30
Not specified	67	29	29	-	10	10	-	8	20

- Quantity zero.
1 Includes races other than white and black.
2 Includes births occurring en route to or on arrival at hospital.

Table 39. Live births by method of delivery and rates of cesarean delivery and vaginal birth after previous cesarean delivery, by race of mother: United States, 1989-1995

Year and race of mother	Births by method of delivery							Cesarean delivery rate		Rate of vaginal birth after previous cesarean [3]
	All births	Vaginal		Cesarean			Not stated	Total [1]	Primary [2]	
		Total	After previous cesarean	Total	Primary	Repeat				
All races [4]										
1995	3,899,589	3,063,724	112,439	806,722	510,104	296,618	29,143	20.8	14.7	27.5
1994	3,952,767	3,087,576	110,341	830,517	520,647	309,870	34,674	21.2	14.9	26.3
1993	4,000,240	3,098,796	103,581	861,987	539,251	322,736	39,457	21.8	15.3	24.3
1992	4,065,014	3,100,710	97,549	888,622	554,662	333,960	75,682	22.3	15.6	22.6
1991	4,110,907	3,100,891	90,690	905,077	569,195	335,882	104,939	22.6	15.9	21.3
1990 [5]	4,110,563	3,111,421	84,299	914,096	575,066	339,030	85,046	22.7	16.0	19.9
1989 [6]	3,798,734	2,793,463	71,019	826,955	521,873	305,082	178,316	22.8	16.1	18.9
White										
1995	3,098,885	2,435,191	90,940	639,818	401,098	238,720	23,876	20.8	14.6	27.6
1994	3,121,004	2,435,965	88,471	656,400	407,946	248,454	28,639	21.2	14.8	26.3
1993	3,149,833	2,435,229	82,995	682,355	423,540	258,815	32,249	21.9	15.3	24.3
1992	3,201,678	2,434,959	77,977	705,841	437,398	268,443	60,878	22.5	15.7	22.5
1991	3,241,273	2,434,900	72,564	723,088	452,534	270,554	83,285	22.9	16.1	21.1
1990 [5]	3,252,473	2,453,857	67,191	732,713	458,656	274,057	65,903	23.0	16.1	19.7
1989 [6]	3,022,537	2,212,843	56,851	667,114	418,177	248,937	142,580	23.2	16.2	18.6
Black										
1995	603,139	468,984	16,224	130,482	84,441	46,041	3,673	21.8	15.7	26.1
1994	636,391	493,879	16,970	138,067	88,636	49,431	4,445	21.8	15.7	25.6
1993	658,875	509,816	16,179	143,452	91,677	51,775	5,607	22.0	15.7	23.8
1992	673,633	514,929	15,382	146,480	93,165	53,315	12,224	22.1	15.7	22.4
1991	682,602	519,047	14,213	145,583	92,645	52,938	17,972	21.9	15.5	21.2
1990 [5]	679,236	516,581	13,496	146,472	93,476	52,996	16,183	22.1	15.7	20.3
1989 [6]	611,147	452,291	11,104	127,907	82,695	45,212	30,319	22.0	15.8	19.7

[1] Percent of all live births by cesarean delivery.
[2] Number of primary cesareans per 100 live births to women who have not had a previous cesarean.
[3] Number of vaginal births after previous cesarean delivery per 100 live births to women with a previous cesarean delivery.
[4] Includes races other than white and black.
[5] Excludes data for Oklahoma, which did not report method of delivery on the birth certificate.
[6] Excludes data for Louisiana, Maryland, Nebraska, Nevada, and Oklahoma, which did not report method of delivery on the birth certificate.

Table 40. Live births by method of delivery, and rates of cesarean delivery and vaginal birth after previous cesarean delivery, by age and race of mother: United States, 1995

Age and race of mother	Births by method of delivery							Cesarean delivery rate		Rate of vaginal birth after previous cesarean [3]
	All births	Vaginal		Cesarean			Not stated	Total [1]	Primary [2]	
		Total	After previous cesarean	Total	Primary	Repeat				
All races [4]	3,899,589	3,063,724	112,439	806,722	510,104	296,618	29,143	20.8	14.7	27.5
Under 20 years	512,115	433,916	3,913	74,534	66,340	8,194	3,665	14.7	13.4	32.3
20-24 years	965,547	787,293	21,739	170,818	119,217	51,601	7,436	17.8	13.5	29.6
25-29 years	1,063,539	834,929	32,932	220,911	137,441	83,470	7,699	20.9	14.6	28.3
30-34 years	904,666	683,854	35,858	214,078	118,541	95,537	6,734	23.8	15.5	27.3
35-39 years	383,745	276,294	15,605	104,502	55,683	48,819	2,949	27.4	17.6	24.2
40-49 years	69,977	47,438	2,392	21,879	12,882	8,997	660	31.6	22.2	21.0
White	3,098,885	2,435,191	90,940	639,818	401,098	238,720	23,876	20.8	14.6	27.6
Under 20 years	355,489	302,072	2,304	50,699	45,564	5,135	2,718	14.4	13.2	31.0
20-24 years	743,123	606,406	15,970	130,809	92,361	38,448	5,908	17.7	13.5	29.3
25-29 years	873,022	686,445	27,065	180,158	112,085	68,073	6,419	20.8	14.5	28.4
30-34 years	754,662	572,452	30,428	176,437	96,544	79,893	5,773	23.6	15.1	27.6
35-39 years	316,166	229,334	13,153	84,329	44,403	39,926	2,503	26.9	17.0	24.8
40-49 years	56,423	38,482	2,020	17,386	10,141	7,245	555	31.1	21.8	21.8
Black	603,139	468,984	16,224	130,482	84,441	46,041	3,673	21.8	15.7	26.1
Under 20 years	139,621	116,899	1,486	21,978	19,097	2,881	744	15.8	14.2	34.0
20-24 years	183,435	147,553	5,039	34,779	22,930	11,849	1,103	19.1	13.9	29.8
25-29 years	133,535	101,534	4,464	31,159	18,373	12,786	842	23.5	15.9	25.9
30-34 years	96,084	69,000	3,512	26,462	15,025	11,437	622	27.7	18.7	23.5
35-39 years	42,507	28,838	1,520	13,373	7,346	6,027	296	31.7	21.2	20.1
40-49 years	7,957	5,160	203	2,731	1,670	1,061	66	34.6	25.2	16.1

[1] Percent of all live births by cesarean delivery.
[2] Number of primary cesareans per 100-live births to women who have not had a previous cesarean.
[3] Number of vaginal births after previous cesarean delivery per 100 live births to women with a previous cesarean delivery.
[4] Includes races other than white and black.

Table 41. Rates of cesarean delivery and vaginal birth after previous cesarean delivery, by selected maternal medical risk factors, complications of labor and/or delivery, and obstetric procedures: United States, 1995

Medical risk factor, complication, and obstetric procedure	All births to mothers with specified condition and/or procedure	Cesarean delivery rate		Rate of vaginal birth after previous cesarean [3]
		Total [1]	Primary [2]	
Medical risk factors				
Anemia	78,904	22.6	16.1	30.0
Cardiac disease	18,451	24.0	17.5	32.2
Acute or chronic lung disease	26,583	24.8	18.0	28.5
Diabetes	97,051	35.4	25.6	20.7
Genital herpes [4]	30,197	37.8	32.2	30.5
Hydramnios/Oligohydramnios	43,817	37.8	32.5	24.8
Hemoglobinopathy	2,731	25.6	20.2	35.9
Hypertension, chronic	25,970	39.6	30.7	19.8
Hypertension, pregnancy-associated	131,565	36.8	32.0	21.1
Eclampsia	14,208	49.1	44.9	15.9
Incompetent cervix	9,082	30.1	22.5	26.5
Renal disease	9,966	24.8	18.3	29.3
Rh sensitization [5]	24,323	21.3	15.0	31.9
Uterine bleeding [4]	27,131	30.5	24.1	27.6
Complications of labor and/or delivery				
Febrile	61,622	30.9	29.0	47.9
Meconium, moderate/heavy	220,532	20.9	18.0	46.9
Premature rupture of membrane	118,097	25.6	22.5	40.1
Abruptio placenta	22,153	57.7	53.1	17.4
Placenta previa	12,941	81.8	77.7	4.3
Other excessive bleeding	22,369	32.6	25.9	28.2
Seizures during labor	1,677	45.4	42.9	29.7
Precipitous labor (less than 3 hours)	73,833	2.0	1.4	82.9
Prolonged labor (more than 20 hours)	33,894	35.9	34.4	45.2
Dysfunctional labor	107,951	63.4	60.8	17.8
Breech/Malpresentation	144,356	85.1	83.5	5.0
Cephalopelvic disproportion	98,180	96.9	96.5	1.3
Cord prolapse	8,837	63.1	60.7	16.8
Anesthetic complication [6]	2,098	42.1	32.1	17.5
Fetal distress [6]	146,686	54.9	52.2	23.0
Obstetric procedures				
Amniocentesis	123,661	31.9	22.3	23.3
Electronic fetal monitoring	3,142,863	20.4	14.8	30.8
Induction of labor	618,697	17.6	15.8	57.9
Stimulation of labor	622,497	13.8	12.3	63.5
Tocolysis	72,964	27.5	22.4	29.5
Ultrasound	2,365,266	22.4	15.9	27.2

[1] Percent of all live births by cesarean delivery.
[2] Number of primary cesareans per 100 live births to women who have not had a previous cesarean.
[3] Number of vaginal births after previous cesarean delivery per 100 live births to women with a previous cesarean delivery.
[4] Texas does not report this risk factor.
[5] Kansas does not report this risk factor.
[6] Texas does not report this complication.

Table 42. Live births by birthweight and percent very low and low birthweight, by period of gestation and race of mother: United States, 1995

Birthweight [1] and race of mother	All births	Period of gestation [2]										
		Preterm					Term				Postterm	Not stated
		Total under 37 weeks	Under 28 weeks	28-31 weeks	32-35 weeks	36 weeks	Total 37-41 weeks	37-39 weeks	40 weeks	41 weeks	42 weeks and over	
	Number											
All races [3]	3,899,589	424,455	27,478	45,622	199,383	151,972	3,103,152	1,733,269	876,828	493,055	335,513	36,469
Less than 500 grams	5,415	5,235	4,993	230	11	1	7	3	2	2	1	172
500-999 grams	20,579	19,983	14,925	4,423	595	40	181	116	41	24	15	400
1,000-1,499 grams	26,426	24,396	3,906	13,446	6,443	601	1,447	1,042	257	148	205	378
1,500-1,999 grams	55,249	44,883	1,106	10,659	28,423	4,695	8,823	7,190	1,031	602	816	727
2,000-2,499 grams	177,483	86,663	700	4,436	55,313	26,214	82,925	66,708	10,986	5,231	5,915	1,980
2,500-2,999 grams	640,556	111,790	1,248	4,684	50,780	55,078	483,791	346,554	93,734	43,503	38,983	5,992
3,000-3,499 grams	1,438,285	86,263	-	5,062	36,795	44,406	1,219,015	720,538	330,468	168,009	120,581	12,426
3,500-3,999 grams	1,129,006	35,493	-	2,579	16,450	16,464	966,450	458,248	318,974	189,228	117,923	9,140
4,000-4,499 grams	339,778	7,460	-	-	3,773	3,687	287,132	113,154	102,465	71,513	42,190	2,996
4,500-4,999 grams	56,291	1,121	-	-	523	598	46,898	16,956	16,790	13,152	7,779	493
5,000 grams or more	6,464	188	-	-	98	90	5,233	2,077	1,732	1,424	956	87
Not stated	4,057	980	600	103	179	98	1,250	683	348	219	149	1,678
	Percent											
Very low birthweight [4]	1.3	11.7	88.6	39.8	3.5	0.4	0.1	0.1	0.0	0.0	0.1	2.7
Low birthweight [5]	7.3	42.8	95.4	72.9	45.6	20.8	3.0	4.3	1.4	1.2	2.1	10.5
	Number											
White	3,098,885	298,558	15,736	29,187	140,098	113,537	2,500,946	1,370,843	719,882	410,221	271,485	27,896
Less than 500 grams	2,975	2,860	2,716	138	6	-	7	3	2	2	-	108
500-999 grams	12,429	12,041	8,776	2,849	387	29	126	77	29	20	9	253
1,000-1,499 grams	17,294	16,008	2,331	8,859	4,419	399	913	640	173	100	137	236
1,500-1,999 grams	37,466	30,472	572	7,136	19,494	3,270	5,948	4,859	690	399	543	503
2,000-2,499 grams	122,430	60,643	354	2,562	39,265	18,462	56,510	45,596	7,382	3,532	3,963	1,314
2,500-2,999 grams	458,688	79,351	645	2,611	35,431	40,664	347,655	248,953	67,212	31,490	27,622	4,060
3,000-3,499 grams	1,129,868	62,767	-	3,200	25,435	34,132	963,157	566,759	262,123	134,275	94,433	9,511
3,500-3,999 grams	958,378	26,810	-	1,772	12,133	12,905	824,222	387,591	273,746	162,885	99,702	7,644
4,000-4,499 grams	300,617	5,973	-	-	2,914	3,059	254,934	99,274	91,569	64,091	37,115	2,595
4,500-4,999 grams	50,317	893	-	-	411	482	41,995	14,839	15,176	11,980	6,996	433
5,000 grams or more	5,601	151	-	-	80	71	4,519	1,741	1,510	1,268	860	71
Not stated	2,822	589	342	60	123	64	960	511	270	179	105	1,168
	Percent											
Very low birthweight [4]	1.1	10.4	89.8	40.7	3.4	0.4	0.0	0.1	0.0	0.0	0.1	2.2
Low birthweight [5]	6.2	41.0	95.8	74.0	45.4	19.5	2.5	3.7	1.2	1.0	1.7	9.0
	Number											
Black	603,139	105,714	10,890	14,551	49,553	30,720	443,354	267,192	114,646	61,516	49,048	5,023
Less than 500 grams	2,311	2,255	2,164	85	5	1	-	-	-	-	1	55
500-999 grams	7,461	7,295	5,685	1,426	174	10	42	32	8	2	5	119
1,000-1,499 grams	8,088	7,439	1,427	4,081	1,751	180	470	352	72	46	60	119
1,500-1,999 grams	15,358	12,518	497	3,124	7,695	1,202	2,440	1,971	295	174	235	165
2,000-2,499 grams	45,834	22,097	322	1,695	13,635	6,445	21,591	17,155	3,010	1,426	1,661	485
2,500-2,999 grams	141,354	26,663	558	1,835	12,765	11,505	104,230	74,404	20,485	9,341	9,274	1,187
3,000-3,499 grams	227,920	18,942	-	1,608	9,302	8,032	187,255	111,810	50,041	25,404	20,207	1,516
3,500-3,999 grams	122,118	6,852	-	667	3,429	2,756	101,011	50,047	31,885	19,079	13,471	784
4,000-4,499 grams	27,123	1,146	-	-	677	469	22,256	9,614	7,534	5,108	3,547	174
4,500-4,999 grams	4,036	158	-	-	76	82	3,361	1,443	1,108	810	493	24
5,000 grams or more	600	26	-	-	11	15	496	244	156	96	67	11
Not stated	936	323	237	30	33	23	202	120	52	30	27	384
	Percent											
Very low birthweight [4]	3.0	16.1	87.1	38.5	3.9	0.6	0.1	0.1	0.1	0.1	0.1	6.3
Low birthweight [5]	13.1	49.0	94.8	71.7	47.0	25.5	5.5	7.3	3.0	2.7	4.0	20.3

- Quantity zero.
0.0 Quantity more than zero but less than 0.05.
1 Equivalents of the gram weights in pounds and ounces are shown in the Technical notes.
2 Expressed in completed weeks.
3 Includes races other than white and black.
4 Birthweight of less than 1,500 grams.
5 Birthweight of less than 2,500 grams.

Table 43. Percent of live births preterm and percent of live births of low birthweight, by race of mother: United States, 1981-95

Year	Preterm [1]			Low birthweight [3]		
	All races [2]	White	Black	All races [2]	White	Black
1995	11.0	9.7	17.7	7.3	6.2	13.1
1994	11.0	9.6	18.1	7.3	6.1	13.2
1993	11.0	9.5	18.5	7.2	6.0	13.3
1992	10.7	9.1	18.4	7.1	5.8	13.3
1991	10.8	9.1	18.9	7.1	5.8	13.6
1990	10.6	8.9	18.8	7.0	5.7	13.3
1989	10.6	8.8	18.9	7.0	5.7	13.5
1988	10.2	8.5	18.7	6.9	5.7	13.3
1987	10.2	8.5	18.4	6.9	5.7	13.0
1986	10.0	8.4	18.0	6.8	5.7	12.8
1985	9.8	8.2	17.8	6.8	5.7	12.6
1984 [4]	9.4	7.9	17.1	6.7	5.6	12.6
1983 [4]	9.6	8.0	17.7	6.8	5.7	12.8
1982 [4]	9.5	8.0	17.4	6.8	5.6	12.6
1981 [4]	9.4	7.9	17.3	6.8	5.7	12.7

1 Births of less than 37 completed weeks gestation.
2 Includes races other than white and black.
3 Less than 2,500 grams (5 lb. 8 oz.)
4 Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States; see Technical notes.

Table 44. Number and percent low birthweight and number of live births by birthweight, by age and race of mother: United States, 1995

Age and race of mother	Low birthweight [1]		Birthweight [2]												
	Number	Percent	Total	Less than 500 grams	500-999 grams	1,000-1,499 grams	1,500-1,999 grams	2,000-2,499 grams	2,500-2,999 grams	3,000-3,499 grams	3,500-3,999 grams	4,000-4,499 grams	4,500-4,999 grams	5,000-grams or more	Not stated
All races [3]															
All ages	285,152	7.3	3,899,589	5,415	20,579	26,426	55,249	177,483	640,556	1,438,285	1,129,006	339,778	56,291	6,464	4,057
Under 15 years	1,647	13.5	12,242	48	166	171	352	910	3,081	4,833	2,216	397	43	2	23
15-19 years	46,511	9.3	499,873	856	3,509	4,329	8,578	29,239	106,238	199,445	117,687	25,981	3,161	319	531
15 years	3,586	11.7	30,734	99	326	340	650	2,171	7,327	12,178	6,318	1,154	116	13	42
16 years	6,316	10.2	62,174	105	498	566	1,185	3,962	14,095	24,985	13,628	2,734	302	28	86
17 years	9,554	9.6	99,600	199	730	941	1,743	5,941	21,635	40,150	22,714	4,822	568	61	96
18 years	12,660	9.1	138,535	187	933	1,185	2,357	7,998	29,311	55,281	32,826	7,301	905	97	154
19 years	14,395	8.5	168,830	266	1,022	1,297	2,643	9,167	33,870	66,851	42,201	9,970	1,270	120	153
20-24 years	70,578	7.3	965,547	1,326	5,092	6,249	13,074	44,837	172,534	372,562	265,188	71,842	10,748	1,122	973
25-29 years	68,302	6.4	1,063,539	1,342	4,833	6,163	13,158	42,806	160,970	390,072	324,618	100,195	16,494	1,868	1,020
30-34 years	60,439	6.7	904,666	1,150	4,261	5,774	12,034	37,220	129,784	317,443	283,428	93,944	16,761	1,931	936
35-39 years	31,007	8.1	383,745	571	2,264	3,029	6,578	18,565	57,022	130,674	115,724	40,244	7,601	997	476
40-44 years	6,253	9.3	67,250	119	431	661	1,371	3,671	10,444	22,437	19,440	6,940	1,431	212	93
45-49 years	415	15.2	2,727	3	23	50	104	235	483	819	705	235	52	13	5
White															
All ages	192,594	6.2	3,098,885	2,975	12,429	17,294	37,466	122,430	458,688	1,129,868	958,378	300,617	50,317	5,601	2,822
Under 15 years	642	11.0	5,854	20	63	66	120	373	1,291	2,372	1,255	253	30	2	9
15-19 years	27,785	8.0	349,635	412	1,962	2,559	5,132	17,720	66,938	139,684	90,790	21,226	2,647	244	321
15 years	1,784	9.9	18,118	45	152	151	329	1,107	3,887	7,216	4,278	848	82	10	13
16 years	3,429	8.5	40,206	45	276	301	666	2,141	8,152	16,269	9,909	2,127	249	19	52
17 years	5,683	8.3	68,841	102	427	559	1,049	3,546	13,408	27,921	17,343	3,912	466	48	60
18 years	7,751	7.9	98,635	92	520	739	1,418	4,982	18,978	39,368	25,537	6,057	773	77	94
19 years	9,138	7.4	123,835	128	587	809	1,670	5,944	22,513	48,910	33,723	8,282	1,077	90	102
20-24 years	45,890	6.2	743,123	686	2,911	3,883	8,510	29,900	120,614	284,601	219,141	61,882	9,405	969	621
25-29 years	47,898	5.5	873,022	761	2,987	4,197	9,252	30,701	120,101	316,380	281,504	89,887	14,866	1,645	741
30-34 years	43,478	5.8	754,662	656	2,761	4,005	8,717	27,339	98,665	261,667	248,244	85,011	15,206	1,686	705
35-39 years	22,139	7.0	316,166	365	1,446	2,090	4,682	13,556	42,976	106,598	100,341	36,052	6,848	859	353
40-44 years	4,424	8.2	54,232	73	278	457	967	2,649	7,734	17,916	16,530	6,107	1,268	186	67
45-49 years	338	15.5	2,191	2	21	37	86	192	369	650	573	199	47	10	5

See footnotes at end of table.

Table 44. Number and percent low birthweight and number of live births by birthweight, by age and race of mother: United States, 1995–Con.

Age and race of mother	Low birthweight [1]		Birthweight [2]												
	Number	Percent	Total	Less than 500 grams	500-999 grams	1,000-1,499 grams	1,500-1,999 grams	2,000-2,499 grams	2,500-2,999 grams	3,000-3,499 grams	3,500-3,999 grams	4,000-4,499 grams	4,500-4,999 grams	5,000-grams or more	Not stated
Black															
All ages	79,052	13.1	603,139	2,311	7,461	8,088	15,358	45,834	141,354	227,920	122,118	27,123	4,036	600	936
Under 15 years	959	16.2	5,927	27	96	102	222	512	1,670	2,284	869	122	10	-	13
15-19 years	17,356	13.0	133,694	431	1,476	1,647	3,218	10,584	35,668	52,990	23,165	3,885	397	61	172
15 years	1,703	14.8	11,534	52	163	184	298	1,006	3,190	4,533	1,801	255	25	1	26
16 years	2,687	13.5	19,960	59	211	244	491	1,682	5,464	7,939	3,271	519	45	7	28
17 years	3,629	13.2	27,618	95	288	362	651	2,233	7,535	10,928	4,655	749	78	11	33
18 years	4,522	12.8	35,372	92	394	405	874	2,757	9,362	14,048	6,258	1,017	99	18	48
19 years	4,815	12.3	39,210	133	420	452	904	2,906	10,117	15,542	7,180	1,345	150	24	37
20-24 years	21,945	12.0	183,435	619	2,050	2,135	4,117	13,024	43,458	72,310	36,773	7,568	981	116	284
25-29 years	16,828	12.6	133,535	548	1,688	1,738	3,299	9,555	29,064	49,767	29,312	7,093	1,107	157	207
30-34 years	13,670	14.3	96,084	459	1,323	1,537	2,710	7,641	20,557	33,670	21,349	5,513	997	164	164
35-39 years	6,919	16.3	42,507	184	710	779	1,472	3,774	9,255	14,246	9,009	2,450	459	86	83
40-44 years	1,333	17.3	7,702	42	117	144	311	719	1,634	2,561	1,568	476	82	15	13
45-49 years	42	16.5	255	1	1	6	9	25	48	72	73	16	3	1	-

- Quantity zero.
[1] Less than 2,500 grams.
[2] Equivalents of gram weights in terms of pounds and ounces are shown in Technical notes.
[3] Includes races other than white and black.

Table 45. Live births with selected abnormal conditions of the newborn and rates by age of mother, by race of mother: United States, 1995

[Rates are number of live births with specified abnormal condition per 1,000 live births in specified group]

Abnormal condition and race of mother	All births [1]	Abnormal condition reported	Age of mother							Not stated
			All ages	Under 20 years	20-24 years	25-29 years	30-34 years	35-39 years	40-49 years	
All races [2]										
Anemia	3,899,589	4,208	1.1	1.2	1.1	1.0	1.0	1.1	1.3	48,804
Birth injury [3]	3,471,945	10,453	3.1	3.2	3.1	3.2	2.9	2.7	2.4	54,307
Fetal alcohol syndrome [4]	3,832,110	279	0.1	*	0.1	0.1	0.1	0.1	*	49,953
Hyaline membrane disease/RDS	3,899,589	25,719	6.7	8.1	7.2	6.3	5.9	6.5	6.6	48,804
Meconium aspiration syndrome	3,899,589	9,287	2.4	2.6	2.4	2.4	2.2	2.5	2.9	48,804
Assisted ventilation less than 30 minutes [5]	3,773,536	70,373	18.9	20.0	18.4	18.5	18.9	19.8	20.3	55,910
Assisted ventilation 30 minutes or longer [5]	3,773,536	30,077	8.1	10.0	8.4	7.4	7.3	8.5	9.2	55,910
Seizures	3,899,589	3,558	0.9	1.2	1.0	0.9	0.7	0.9	1.0	48,804
White										
Anemia	3,098,885	3,026	1.0	1.1	1.0	1.0	0.9	1.1	1.1	39,465
Birth injury [3]	2,732,259	8,628	3.2	3.5	3.4	3.4	3.0	2.7	2.4	44,405
Fetal alcohol syndrome [4]	3,040,730	158	0.1	*	0.0	0.0	0.1	0.1	*	40,563
Hyaline membrane disease/RDS	3,098,885	20,284	6.6	8.2	7.2	6.3	5.8	6.4	6.5	39,465
Meconium aspiration syndrome	3,098,885	7,007	2.3	2.5	2.3	2.3	2.1	2.4	2.8	39,465
Assisted ventilation less than 30 minutes [5]	3,025,846	56,464	18.9	19.6	18.2	18.7	19.1	20.0	20.5	45,909
Assisted ventilation 30 minutes or longer [5]	3,025,846	22,866	7.7	9.6	7.9	7.1	6.9	8.1	8.8	45,909
Seizures	3,098,885	2,662	0.9	1.1	0.9	0.8	0.7	0.9	1.1	39,465
Black										
Anemia	603,139	899	1.5	1.5	1.5	1.5	1.6	1.1	*	6,784
Birth injury [3]	555,414	1,156	2.1	2.1	2.0	2.2	2.2	2.3	*	7,168
Fetal alcohol syndrome [4]	596,621	101	0.2	*	0.1	0.2	0.3	*	*	6,816
Hyaline membrane disease/RDS	603,139	4,676	7.8	8.2	7.5	7.4	8.1	8.7	8.1	6,784
Meconium aspiration syndrome	603,139	1,883	3.2	2.9	3.2	3.1	3.2	4.0	4.3	6,784
Assisted ventilation less than 30 minutes [5]	561,795	11,129	20.1	20.5	19.4	19.7	20.0	21.6	24.6	6,855
Assisted ventilation 30 minutes or longer [5]	561,795	5,909	10.6	11.0	10.1	10.3	11.1	11.8	13.0	6,855
Seizures	603,139	813	1.4	1.5	1.4	1.4	1.2	1.1	*	6,784

* Figure does not meet standards of reliability or precision.
0.0 Quantity more than zero but less than 0.05.
1 Total number of births to residents of areas reporting specified condition.
2 Includes races other than white and black.
3 Massachusetts, Nebraska, and Texas do not report this condition.
4 Wisconsin does not report this condition.
5 New York City does not report this condition.

Table 46. Live births with selected congenital anomalies and rates by age of mother, by race of mother: Total of 48 reporting States (excluding New York City) and the District of Columbia, 1995

[Rates are number of live births with specified congenital anomaly per 100,000 live births in specified group]

Congenital anomaly and race of mother	All births [1]	Congenital anomaly reported	Age of mother							Not stated
			All ages	Under 20 years	20-24 years	25-29 years	30-34 years	35-39 years	40-49 years	
All races [2]										
Anencephalus	3,674,220	421	11.6	13.1	12.1	10.1	12.6	10.3	*	57,826
Spina bifida/Meningocele	3,674,220	1,018	28.1	30.6	32.9	27.1	24.1	24.3	31.8	57,826
Hydrocephalus	3,674,220	1,046	28.9	35.9	30.4	29.1	22.8	29.2	31.8	57,826
Microcephalus	3,674,220	301	8.3	10.8	7.7	7.2	7.1	12.6	*	57,826
Other central nervous system anomalies	3,674,220	864	23.9	29.8	22.0	22.0	23.7	25.7	*	57,826
Heart malformations	3,674,220	4,471	123.6	110.5	124.3	118.8	122.6	137.5	227.6	57,826
Other circulatory/respiratory anomalies	3,674,220	4,853	134.2	140.5	140.7	125.5	130.1	139.0	157.6	57,826
Rectal atresia/stenosis	3,674,220	353	9.8	7.1	9.1	10.4	9.8	12.3	*	57,826
Tracheo-esophageal fistula/Esophageal atresia	3,674,220	576	15.9	14.4	13.4	15.7	16.1	22.3	*	57,826
Omphalocele/Gastroschisis	3,674,220	913	25.2	50.6	33.0	17.7	15.0	15.2	*	57,826
Other gastrointestinal anomalies	3,674,220	1,122	31.0	35.4	29.9	30.1	29.9	32.6	35.0	57,826
Malformed genitalia	3,674,220	2,780	76.9	66.9	79.2	76.5	77.2	79.5	105.1	57,826
Renal agenesis	3,674,220	470	13.0	9.8	13.4	14.0	13.0	13.7	*	57,826
Other urogenital anomalies	3,674,220	4,371	120.9	118.0	115.4	122.3	121.3	130.7	138.5	57,826
Cleft lip/palate	3,674,220	3,118	86.2	82.1	96.6	83.9	79.0	86.9	95.5	57,826
Polydactyly/Syndactyly/Adactyly	3,674,220	2,976	82.3	113.8	94.5	72.6	69.7	64.9	82.8	57,826
Clubfoot	3,674,220	2,153	59.5	68.2	63.0	56.8	54.6	57.5	63.7	57,826
Diaphragmatic hernia	3,674,220	455	12.6	12.9	13.4	12.2	10.2	15.4	*	57,826
Other musculoskeletal/integumental anomalies	3,674,220	6,944	192.0	186.1	185.5	191.9	195.0	203.9	226.1	57,826
Down's syndrome	3,674,220	1,638	45.3	26.7	26.2	27.1	48.6	112.1	331.1	57,826
Other chromosomal anomalies	3,674,220	2,763	76.4	73.8	80.1	66.7	74.3	88.6	154.4	57,826
White										
Anencephalus	2,956,182	354	12.2	13.7	13.2	10.3	12.9	10.9	*	46,959
Spina bifida/Meningocele	2,956,182	879	30.2	35.4	36.9	28.6	25.0	25.6	*	46,959
Hydrocephalus	2,956,182	871	29.9	39.0	32.6	29.4	23.3	29.4	*	46,959
Microcephalus	2,956,182	236	8.1	10.4	8.3	6.8	6.4	13.3	*	46,959
Other central nervous system anomalies	2,956,182	647	22.2	27.4	23.5	19.5	21.4	22.6	*	46,959
Heart malformations	2,956,182	3,693	126.9	110.7	129.5	122.8	125.2	139.5	216.4	46,959
Other circulatory/respiratory anomalies	2,956,182	3,833	131.8	144.0	144.1	124.2	122.6	129.2	144.3	46,959
Rectal atresia/stenosis	2,956,182	296	10.2	8.3	9.5	10.5	10.4	11.3	*	46,959
Tracheo-esophageal fistula/Esophageal atresia	2,956,182	506	17.4	18.1	14.5	16.2	17.2	25.3	*	46,959
Omphalocele/Gastroschisis	2,956,182	739	25.4	58.3	33.3	18.7	14.6	13.0	*	46,959
Other gastrointestinal anomalies	2,956,182	855	29.4	31.2	27.8	29.8	28.1	32.1	*	46,959
Malformed genitalia	2,956,182	2,353	80.9	70.5	85.0	78.7	80.6	82.4	122.8	46,959
Renal agenesis	2,956,182	397	13.6	9.2	14.4	14.6	14.2	12.7	*	46,959
Other urogenital anomalies	2,956,182	3,770	129.6	132.7	127.6	128.2	127.7	136.1	148.2	46,959
Cleft lip/palate	2,956,182	2,765	95.0	104.1	107.8	91.7	83.3	91.0	99.4	46,959
Polydactyly/Syndactyly/Adactyly	2,956,182	1,721	59.2	73.5	65.3	55.3	53.2	50.6	72.1	46,959
Clubfoot	2,956,182	1,927	66.2	80.6	70.5	62.6	59.9	63.9	72.1	46,959
Diaphragmatic hernia	2,956,182	386	13.3	13.7	14.4	13.0	10.2	16.8	*	46,959
Other musculoskeletal/integumental anomalies	2,956,182	5,427	186.5	182.3	184.8	185.0	186.2	194.2	224.2	46,959
Down's syndrome	2,956,182	1,449	49.8	33.0	29.3	28.3	52.7	118.3	354.8	46,959
Other chromosomal anomalies	2,956,182	2,243	77.1	71.4	79.7	67.9	74.8	94.0	161.8	46,959

See footnotes at end of table.

Table 46. Live births with selected congenital anomalies and rates by age of mother, by race of mother: Total of 48 reporting States (excluding New York City) and the District of Columbia, 1995-Con.

[Rates are number of live births with specified congenital anomaly per 100,000 live births in specified group]

Congenital anomaly and race of mother	All births [1]	Congenital anomaly reported	Age of mother							Not stated
			All ages	Under 20 years	20-24 years	25-29 years	30-34 years	35-39 years	40-49 years	
Black										
Anencephalus	538,613	53	10.0	*	*	*	*	*	*	7,217
Spina bifida/Meningocele	538,613	118	22.2	19.5	20.5	23.4	27.3	*	*	7,217
Hydrocephalus	538,613	142	26.7	28.9	24.1	28.6	27.3	*	*	7,217
Microcephalus	538,613	47	8.8	*	*	*	*	*	*	7,217
Other central nervous system anomalies	538,613	159	29.9	31.3	15.1	33.0	47.1	*	*	7,217
Heart malformations	538,613	550	103.5	106.3	94.5	92.0	109.1	128.3	*	7,217
Other circulatory/respiratory anomalies	538,613	626	117.8	112.6	106.0	117.2	132.7	156.8	*	7,217
Rectal atresia/stenosis	538,613	37	7.0	*	*	*	*	*	*	7,217
Tracheo-esophageal fistula/Esophageal atresia	538,613	41	7.7	*	*	*	*	*	*	7,217
Omphalocele/Gastroschisis	538,613	138	26.0	32.0	29.5	*	*	*	*	7,217
Other gastrointestinal anomalies	538,613	209	39.3	45.3	34.9	33.9	48.4	*	*	7,217
Malformed genitalia	538,613	271	51.0	56.3	48.2	51.2	50.8	*	*	7,217
Renal agenesis	538,613	55	10.4	*	*	*	*	*	*	7,217
Other urogenital anomalies	538,613	420	79.0	77.4	69.9	92.9	69.4	102.6	*	7,217
Cleft lip/palate	538,613	214	40.3	25.0	49.4	40.8	39.7	*	*	7,217
Polydactyly/Syndactyly/Adactyly	538,613	1,170	220.2	222.8	223.4	213.6	231.9	196.7	*	7,217
Clubfoot	538,613	168	31.6	36.7	33.7	30.4	26.0	*	*	7,217
Diaphragmatic hernia	538,613	58	10.9	*	12.0	*	*	*	*	7,217
Other musculoskeletal/integumental anomalies	538,613	942	177.3	175.9	164.4	184.0	188.5	196.7	*	7,217
Down's syndrome	538,613	133	25.0	*	14.5	22.6	26.0	94.1	*	7,217
Other chromosomal anomalies	538,613	451	84.9	81.3	87.9	75.5	94.3	77.0	*	7,217

* Figure does not meet standards of reliability or precision.
1 Total number of births.
2 Includes races other than white and black.

NOTE: Excludes data for Maryland, New Mexico, and New York City, which did not report congenital anomalies.

Table 47. Live births by plurality of birth and ratios, by age and race of mother: United States, 1995

Plurality 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
			Total	15-17 years	18-19 years						
	Number										
All live births [1]	3,899,589	12,242	499,873	192,508	307,365	965,547	1,063,539	904,666	383,745	67,250	2,727
White	3,098,885	5,854	349,635	127,165	222,470	743,123	873,022	754,662	316,166	54,232	2,191
Black	603,139	5,927	133,694	59,112	74,582	183,435	133,535	96,084	42,507	7,702	255
Live births in single deliveries [1]	3,797,880	12,097	492,655	190,049	302,606	945,971	1,035,896	875,002	368,957	64,893	2,409
White	3,018,184	5,784	345,108	125,702	219,406	729,224	850,825	729,562	303,608	52,182	1,891
Black	585,787	5,858	131,231	58,192	73,039	178,299	129,068	92,577	40,985	7,518	251
Live births in twin deliveries [1]	96,736	142	7,131	2,436	4,695	19,235	26,385	27,699	13,693	2,173	278
White	76,196	70	4,472	1,452	3,020	13,631	21,062	23,259	11,548	1,894	260
Black	17,000	66	2,431	908	1,523	5,072	4,367	3,423	1,472	165	4
Live births in higher-order multiple deliveries [1,2]	4,973	3	87	23	64	341	1,258	1,965	1,095	184	40
White	4,505	-	55	11	44	268	1,135	1,841	1,010	156	40
Black	352	3	32	12	20	64	100	84	50	19	-
	Ratio per 1,000 live births										
All multiple births [1]	26.1	11.8	14.4	12.8	15.5	20.3	26.0	32.8	38.5	35.0	116.6
White	26.0	12.0	12.9	11.5	13.8	18.7	25.4	33.3	39.7	37.8	136.9
Black	28.8	11.6	18.4	15.6	20.7	28.0	33.5	36.5	35.8	23.9	*
Twin births [1]	24.8	11.6	14.3	12.7	15.3	19.9	24.8	30.6	35.7	32.3	101.9
White	24.6	12.0	12.8	11.4	13.6	18.3	24.1	30.8	36.5	34.9	118.7
Black	28.2	11.1	18.2	15.4	20.4	27.7	32.7	35.6	34.6	21.4	*
	Ratio per 100,000 live births										
Higher-order multiple births [1,2]	127.5	*	17.4	11.9	20.8	35.3	118.3	217.2	285.3	273.6	1466.8
White	145.4	*	15.7	*	19.8	36.1	130.0	244.0	319.5	287.7	1825.7
Black	58.4	*	23.9	*	26.8	34.9	74.9	87.4	117.6	*	*

- Quantity zero.
* Figure does not meet standards of reliability or precision.
1 Includes races other than white and black.
2 Births in greater than twin deliveries.

Technical notes

Source of data

Data shown in this report for 1995 are based on 100 percent of the birth certificates in all States and the District of Columbia. The data are provided to the National Center for Health Statistics (NCHS) through the Vital Statistics Cooperative Program (VSCP). In 1984 and earlier years, the VSCP included varying numbers of States that provided data based on 100 percent of their birth certificates. Data for States not in the VSCP were based on a 50-percent sample of birth certificates filed in those States. Information on sampling procedures and sampling errors for 1984 and earlier years is provided in the annual report, *Vital Statistics of the United States*, Volume I, Natality (11).

Race

Beginning with the 1989 data year, NCHS is tabulating its birth data primarily by race of mother. In 1988 and prior years, births were tabulated by race of child, which was determined from the race of the parents as entered on the birth certificate.

Trend data by race shown in this report are by race of mother for all years beginning with the 1980 data year. In order to facilitate continuity and analysis of the data, trend tables showing data for years prior to 1980 show data for both race of mother and race of child for 1980. This makes it possible to distinguish the effects of this change from real changes in the data. The text in this report focuses on data tabulated by race of mother. Text references to white births and white mothers or black births and black mothers are used interchangeably for ease in writing.

The factors influencing the decision to tabulate births by race of mother have been discussed in detail in previous reports (4–8). They include the recent revision of the birth certificate, effective with the 1989 data year, which includes many more health questions that are directly associated with the mother. In all these instances, it is more appropriate to tabulate births by the mother's race. A second factor has been the increasing incidence of interracial parentage. In 1995, 4.6 percent of births were to parents of different races compared with just 1.8 percent in 1975. The third factor influencing the decision to tabulate births by race of mother is the growing proportion of births with race of father not stated, 15 percent in 1995 compared with 8 percent in 1975. This reflects the increase in the proportion of births to unmarried women; in many such cases, no information is reported on the father. These births are already assigned the race of the mother because there is no alternative.

Tabulating all births by race of mother, therefore, provides for a more uniform approach, rather than a necessarily arbitrary combination of parental races. This topic is discussed elsewhere in greater detail (80, 81).

Marital status

National estimates of births to unmarried women are based on two methods of determining marital status. For 1994–95, birth certificates in 45 States and the District of Columbia include a question about the mother's marital status. The mother's marital status is inferred in five States (California, Connecticut, Michigan, Nevada, and New York) by comparing the parents' and child's surnames and other information concerning the father. 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 (27).

In the five States that use inferential procedures to compile birth statistics by marital status, there are several basic criteria. A birth is inferred as nonmarital if any of these factors, listed in priority-of-use order, is present: a paternity acknowledgment was received, the father's name is missing, or the father's and mother's current surnames are different. In addition, criteria that are particularly applicable for a given State are also applied as necessary. For example, special procedures are used in California to compare the parents' surnames when they are hyphenated if the parents were born in countries where naming practices can identify the parents' marital status. This procedure has been in effect for many years for Asian mothers. Beginning in 1995, California applied similar procedures for births to Hispanic mothers. If the child is given a double surname of the mother's and father's surnames (either entire surnames or portions of the parents' hyphenated surnames), regardless of sequence, and the mother is of Hispanic origin, the mother's marital status is coded "Married."

Nevada has also implemented procedures to identify the mother's marital status more accurately. All of Nevada's birth records are now received electronically. Although Nevada does not have a direct question on mother's marital status on the printed birth certificate, this information is being obtained from the electronic birth registration process. In New York (excluding New York City) mother's marital status is inferred as "Unmarried" if the father's name is missing, or if the father's name is given and a paternity acknowledgment is filed.

The current method represents an attempt to use related information on the birth certificate to improve the quality of national data as well as to provide data for the individual nonreporting States. An evaluation of this method and its validity for California (the largest nonreporting State) has been published (82). Because of the continued substantial increases in nonmarital childbearing throughout the 1980's, the data have been intensively evaluated by the Division of Vital Statistics, NCHS. 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 women who have retained their maiden surname after marriage and who are frequently older, well-educated women, would be classified as unmarried. The results of this evaluation for changes during 1994–95 differ somewhat for the States reporting marital status and the States inferring this information. Nonmarital births in States reporting mother's marital status directly on the birth certificate declined about 1 percent, whereas nonmarital births in the five nonreporting States declined 7 percent. This disparity

is largely due to the change in reporting procedures in California described above. The overall proportion of births to unmarried mothers in that State declined from 36 percent to 32 percent; California accounted for 54 percent of the births in the nonreporting States in 1995.

One consequence of using nonmarital birth data based on the inferential procedures is the need to monitor continuously the validity of the procedures used by the States to infer mother's marital status. In particular, in recent years, a number of States have extended their efforts to identify the fathers when the parents are not married in order to enforce child support obligations. The presence of a paternity acknowledgment therefore is the most reliable indicator that the birth is nonmarital in the States not reporting this information directly. Changes in reporting procedures in Michigan and Texas, related to paternity acknowledgment, were reported for 1994; the impact of those changes on trends in nonmarital births has been described elsewhere (9).

Gestation

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 date the last normal menstrual period (LMP) began when the latter appears to be inconsistent with birthweight. This is done for normal weight births of apparently short gestations and very low birthweight births reported to be full term. The clinical estimate was also used if the LMP date was not reported. The period of gestation for 5.1 percent of the births in 1995 was based on the clinical estimate of gestation. For 97 percent of these records, the clinical estimate was used because the LMP date was not reported. For the remaining 3 percent, the clinical estimate was used because it was compatible with the reported birthweight, whereas the LMP-based gestation was not. In cases where the reported birthweight was inconsistent with both the LMP-computed gestation and the clinical estimate of gestation, the LMP-computed gestation was used and birthweight was reclassified as "not stated." This was necessary for fewer than 300 births or less than 0.01 percent of all birth records in 1995. The levels of the adjustments in 1995 data were similar to those for 1991–94 (6–9).

Birthweight

Birthweight 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. Equivalents of the gram weights in terms of pounds and ounces are as follows:

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

Method of delivery

Several rates are computed for method of delivery. The overall cesarean section rate or *total cesarean* rate is computed as the percent of all births that were delivered by cesarean section. The *primary cesarean* rate is a measure that relates the number of women having a first 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 cesarean, vaginal birth after previous cesarean, or method not stated. 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.

Computations of percents, percent distributions, and medians

Births for which a particular characteristic is unknown were subtracted from the figures for total births that were used as denominators before percents, percent distributions, and medians were computed. The median number of prenatal visits also excludes births to mothers who had no prenatal care. Computations of the median years of school completed and the median number of prenatal visits were based on ungrouped data. An asterisk is shown in place of any derived statistic based on fewer than 20 births in the numerator or denominator.

Population denominators

Birth and fertility rates for 1995 shown in tables 1, 3–5, 7, 10, 11, 14, and 15 are based on populations estimated as of July 1, 1995. Populations consistent with these estimates have been published by the U.S. Bureau of the Census (13) and are based on the 1990 census counts by race and age that were modified to be consistent with the Office of Management and Budget racial categories and historical categories for birth data, and in the case of age, to reflect age as of the census reference date. The modification procedures are described in detail in a census report (83).

Birth and fertility rates by month shown in table 12 are based on monthly population estimates also based on the 1995 estimates. Rates for unmarried women shown in tables 14 and 15 are based on distributions of the population by marital status as of March 1995 provided by the U.S. Bureau of the Census (84), which have been adjusted to July 1995 population levels (13) by the Division of Vital Statistics, NCHS (27).

Birth and fertility rates for the Hispanic population, shown in tables 7 and 11, are based on estimates of the total Hispanic population as of July 1, 1995 (13). Rates for Hispanic subgroups are based on special population estimates (85).

Computation of rates

In computing birth rates by live-birth order, births with birth order not stated were distributed in the same proportion as births of known live-birth order. This procedure is done separately by race. For computing birth rates by age of father, births with age of father not stated are distributed first within each age-of-mother group. This procedure is followed because, while father's age is missing on 15 percent of the birth certificates, one third of these were on records where the mother is a teenager.

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 U.S. Hispanic population are underestimates of the true rates to the extent that the births with origin not stated (1.5 percent) were actually to Hispanic mothers. The population with origin not stated was imputed. The effect on the rates is believed to be small.

Age of father—Information on age of father 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.

Graphic presentation

Trend data shown in figures 2, 3, 5, 7, and 8 are plotted using a logarithmic scale. This approach is taken to facilitate comparison of the relative change in rates over time for each series of rates as well as the differentials among rates for different series. The trend lines in figure 2, for example, show that women 40–44 years of age experienced the most change of any group over the period, and also that they had the greatest increase in rates since 1985.

Random variation and relative standard error

Although the birth data in this report for births since 1985 are not subject to sampling error, they may be affected by random variation in the number of births involved. When the number of events is small (perhaps less than 100) and the probability of such an event is small, considerable caution must be observed in interpreting the data. More information on this topic is included in the Technical Appendix of the annual report, *Vital Statistics of the United States*, 1992, Volume I, Natality. In addition, the relative standard errors for birth rates for Hispanic subgroups, particularly Puerto Rican, Cuban, and "other" Hispanic women, may be somewhat higher than if based only on the number of births. This reflects the considerable sampling variability in the population estimates for these groups (85).

Definitions of medical terms

The 1989 revision of the U.S. Standard Certificate of Live Birth includes several maternal and infant health items in checkbox format, including obstetric procedures, medical risk factors, complications of labor and delivery, abnormal conditions of the newborn, and congenital anomalies of the child (figure I). 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 (86).

Medical risk factors for this pregnancy

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 preeclampsia.

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

Previous infant 4,000 grams or more—The birthweight of a previous live-born child was over 4,000 grams or more (8 pounds 14 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

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.

38a. MEDICAL RISK FACTORS FOR THIS PREGNANCY
(Check all that apply)

- Anemia (Hct. <30/Hgb. <10) ... 01 ☐
- Cardiac disease ... 02 ☐
- Acute or chronic lung disease ... 03 ☐
- Diabetes ... 04 ☐
- Genital herpes ... 05 ☐
- Hydramnios/Oligohydramnios ... 06 ☐
- Hemoglobinopathy ... 07 ☐
- Hypertension, chronic ... 08 ☐
- Hypertension, pregnancy-associated ... 09 ☐
- Eclampsia ... 10 ☐
- Incompetent cervix ... 11 ☐
- Previous infant 4000+ grams ... 12 ☐
- Previous preterm or small-for-gestational-age infant ... 13 ☐
- Renal disease ... 14 ☐
- Rh sensitization ... 15 ☐
- Uterine bleeding ... 16 ☐
- None ... 00 ☐
- Other _____ 17 ☐ *(Specify)*

38b. OTHER RISK FACTORS FOR THIS PREGNANCY
(Complete all items)

- Tobacco use during pregnancy ... Yes ☐ No ☐
  Average number cigarettes per day _____
- Alcohol use during pregnancy ... Yes ☐ No ☐
  Average number drinks per week _____
- Weight gained during pregnancy _____ lbs.

39. OBSTETRIC PROCEDURES
(Check all that apply)

- Amniocentesis ... 01 ☐
- Electronic fetal monitoring ... 02 ☐
- Induction of labor ... 03 ☐
- Stimulation of labor ... 04 ☐
- Tocolysis ... 05 ☐
- Ultrasound ... 06 ☐
- None ... 00 ☐
- Other _____ 07 ☐ *(Specify)*

40. COMPLICATIONS OF LABOR AND/OR DELIVERY
(Check all that apply)

- Febrile (>100°F. or 38°C.) ... 01 ☐
- Meconium, moderate/heavy ... 02 ☐
- Premature rupture of membrane (>12 hours) ... 03 ☐
- Abruptio placenta ... 04 ☐
- Placenta previa ... 05 ☐
- Other excessive bleeding ... 06 ☐
- Seizures during labor ... 07 ☐
- Precipitous labor (<3 hours) ... 08 ☐
- Prolonged labor (>20 hours) ... 09 ☐
- Dysfunctional labor ... 10 ☐
- Breech/Malpresentation ... 11 ☐
- Cephalopelvic disproportion ... 12 ☐
- Cord prolapse ... 13 ☐
- Anesthetic complications ... 14 ☐
- Fetal distress ... 15 ☐
- None ... 00 ☐
- Other _____ 16 ☐ *(Specify)*

41. METHOD OF DELIVERY *(Check all that apply)*

- Vaginal ... 01 ☐
- Vaginal birth after previous C-section ... 02 ☐
- Primary C-section ... 03 ☐
- Repeat C-section ... 04 ☐
- Forceps ... 05 ☐
- Vacuum ... 06 ☐

42. ABNORMAL CONDITIONS OF THE NEWBORN
(Check all that apply)

- Anemia (Hct. <39/Hgb. <13) ... 01 ☐
- Birth injury ... 02 ☐
- Fetal alcohol syndrome ... 03 ☐
- Hyaline membrane disease/RDS ... 04 ☐
- Meconium aspiration syndrome ... 05 ☐
- Assisted ventilation <30 min ... 06 ☐
- Assisted ventilation ≥30 min ... 07 ☐
- Seizures ... 08 ☐
- None ... 00 ☐
- Other _____ 09 ☐ *(Specify)*

43. CONGENITAL ANOMALIES OF CHILD
(Check all that apply)

- Anencephalus ... 01
- Spina bifida/Meningocele ... 02
- Hydrocephalus ... 03
- Microcephalus ... 04
- Other central nervous system anomalies *(Specify)* _____ 05
- Heart malformations ... 06
- Other circulatory/respiratory anomalies *(Specify)* _____ 07
- Rectal atresia/stenosis ... 08
- Tracheo-esophageal fistula/ Esophageal atresia ... 09
- Omphalocele/ Gastroschisis ... 10
- Other gastrointestinal anomalies *(Specify)* _____ 11
- Malformed genitalia ... 12
- Renal agenesis ... 13
- Other urogenital anomalies *(Specify)* _____ 14
- Cleft lip/palate ... 15
- Polydactyly/Syndactyly/Adactyly ... 16
- Club foot ... 17
- Diaphragmatic hernia ... 18
- Other musculoskeletal/integumental anomalies *(Specify)* _____ 19
- Down's syndrome ... 20
- Other chromosomal anomalies *(Specify)* _____ 21
- None ... 00
- Other _____ 22 *(Specify)*

Figure I. Selected maternal and infant health items from the 1989 revision of the U.S. Standard Certificate of Live Birth.

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 the placenta by means of sound waves.

Complications of labor and/or delivery

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 which 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

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

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 or 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.

Related reports

Many of the topics discussed in this report are covered in more analytic detail in other reports published by NCHS. Topics of reports published in the past 5 years include twin births (87), triplet births (77), teenage birth rates by State (12), birth rates by educational attainment of the mother (31), cesarean deliveries (88), birth and fertility rates for States (89), births to unmarried mothers (27), characteristics of births in Asian or Pacific Islander population subgroups (24), and trends in pregnancies and pregnancy rates (18) .

☆U.S. GOVERNMENT PRINTING OFFICE: 1997 - 386-938/60014

This report presents summary tabulations from the final natality statistics for 1995. The National Center for Health Statistics will respond to requests for unpublished data whenever possible.

Contents

Abstract 1
Highlights 1
Introduction 2
Methods 3
Results and discussion 3
Demographic characteristics 3
Births and birth rates 3
Age of mother 3
Live-birth order 5
Race 5
Hispanic origin 5
Total fertility rate 6
Births by State 6
Sex ratio 6
Month of birth 7
Day of week of birth 7
Births to unmarried women 7
Age of father 9
Educational attainment 9
Maternal lifestyle and health characteristics 9
Weight gain 9
Medical risk factors 10
Tobacco use during pregnancy 11
Alcohol use during pregnancy 12
Medical services utilization 12
Prenatal care 12
Obstetric procedures 13
Complications of labor and/or delivery 13
Attendant at birth and place of delivery 14
Method of delivery 14
Infant health characteristics 15
Period of gestation 15
Birthweight 15
Apgar score 17
Abnormal conditions of the newborn 17
Congenital anomalies 17
Multiple births 18
References 18
List of tables 21
Guide to tables 23
Technical notes 76

National Center for Health Statistics

Director
Edward J. Sondik, Ph.D.

Deputy Director
Jack R. Anderson

Division of Vital Statistics

Director
Mary Anne Freedman

Suggested citation

Ventura SJ, Martin JA, Curtin SC, Mathews TJ. Report of final natality statistics, 1995. Monthly vital statistics report; vol 45 no 11, supp 2. Hyattsville, Maryland: National Center for Health Statistics. 1997.

Copyright Information

All material appearing in this report is in the public domain and may be reproduced or copied without permission; citation as to source, however, is appreciated.

DEPARTMENT OF
HEALTH & HUMAN SERVICES
Centers for Disease Control and Prevention
National Center for Health Statistics
6525 Belcrest Road
Hyattsville, Maryland 20782

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, $300

To receive this publication regularly, contact the National Center for Health Statistics by calling 301-436-8500
E-mail: nchsquery@nch10a.em.cdc.gov
Internet:http://www.cdc.gov/nchswww/nchshome.htm

DHHS Publication No. (PHS) 97–1120
7-0404 (6/97)

FIRST CLASS MAIL
POSTAGE & FEES PAID
PHS/NCHS
PERMIT NO. G-281