

**DOCUMENTATION OF THE
DETAIL NATALITY FILE FOR
2002 DATA**

Public Use Data Tape Documentation - Natality Detail 2002 Data

This tape documentation was prepared in the Division of Vital Statistics. Vanetta Harrington of the Systems, Programming, and Statistical Resources Branch was responsible for coordinating the natality documentation.

Martha Munson 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 Systems, Programming, and Statistical Resources Branch, Division of Vital Statistics, NCHS, 3311 Toledo Road, Hyattsville, MD 20782-2003 (301-458-4777).

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, 3311 Toledo Road, Hyattsville, MD 20782-2003 (301-458-4111).

Documentation of the Detail Natality Data File for 2002 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, Guam, American Samoa and the Commonwealth of the Northern Mariana Islands (referred to as Northern Marianas) are included as a separate data-set 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, Guam, American Samoa and Northern Marianas are limited to births occurring within 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 destinations 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

SYMBOLS USED IN TABLES

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

List of Data Elements and Tape Locations

<u>Data Items</u>	<u>Locations</u>
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 <i>dgestat</i>	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

<u>Data Items</u>	<u>Locations</u>
6. Mother	
a. Age <i>dmage</i>	68-76, 91-92
b. Race <i>mrace</i>	79-82
c. Marital status	86-87
d. Education <i>dmeduc</i>	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: 4,027,376
	b.	By residence: 4,021,726
	c.	To foreign residents: 5,650

PUERTO RICO, VIRGIN ISLANDS, GUAM, AMERICAN SAMOA, AND NORTHERN MARIANAS DATA SET

1.	Record count:	60,708
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PUERTO RICO:

2.	Data counts:	ALL BIRTHS:
	a.	By occurrence: 52,871
	b.	By residence: 52,747

VIRGIN ISLANDS:

1.	Record count:	
2.	Data counts:	ALL BIRTHS:
	a.	By occurrence: 1,701
	b.	By residence: 1,634

GUAM:

1.	Record count:	
2.	Data counts:	ALL BIRTHS:
	a.	By occurrence: 3,221
	b.	By residence: 3,212

AMERICAN SAMOA:

1.	Record count:	
2.	Data counts:	ALL BIRTHS:
	a.	By occurrence: 1,627
	b.	By residence: 1,627

NORTHERN MARIANAS:

1.	Record count:	
2.	Data counts:	ALL BIRTHS:
	a.	By occurrence: 1,288
	b.	By residence: 1,290

**2002
Detail Natality Record**

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
1-4	4	<u>DATAYEAR</u> <u>Year Birth of Child (Data Year)</u> 2002 ... 2002
5	1	<u>RECTYPE</u> <u>Record Type</u> 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	<u>RESTATUS</u> <u>Resident Status</u> <u>United States occurrence</u> 1 ... RESIDENTS: State and county of occurrence and residence are the same. 2 ... INTRASTATE NONRESIDENTS: State of occurrence and residence are the same, but county is different. 3 ... INTERSTATE NONRESIDENTS: State of occurrence and residence are different, but both are in the U.S. 4 ... FOREIGN RESIDENTS: State of occurrence is one of the 50 States or the District of Columbia, but place of residence of mother is outside of the U.S. <u>Puerto Rico occurrence</u> 1 ... RESIDENTS: Territory and county equivalent of occurrence and residence are the same. 2 ... INTRATERRITORY NONRESIDENTS: Territory of occurrence and residence are the same, but county equivalent is different. 3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory. 4 ... FOREIGN RESIDENTS: Occurred in Puerto Rico to a resident of any other place.

2002

**Field
Size**

6

1

Resident Status (Cont'd)

```

1      ... RESIDENTS: Territory and county
      equivalent of occurrence and
      residence are the same.
2      ... INTRATERRITORY NONRESIDENTS:
      Territory of occurrence and
      residence are the same, but county
      equivalent is different.
3      ... INTERTERRITORY NONRESIDENTS:
      Territory of occurrence and
      residence are different, but both
      are a Territory.
4      ... FOREIGN RESIDENTS: Occurred in the
      Virgin Islands to a resident of any
      other place.

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1 ... RESIDENTS: Occurred in Guam to a
resident of Guam or to a resident of
the U.S.

3 ... INTERTERRITORY NONRESIDENTS:
Territory of occurrence and
residence are different, but both
are a Territory.

4 ... FOREIGN RESIDENTS: Occurred in Guam
to a resident of any place other
than Guam or of the U.S.

```

1      ... RESIDENTS: Territory and county
      equivalent of occurrence and
      residence are the same.
2      ... INTRATERRITORY NONRESIDENTS:
      Territory of occurrence and
      residence are the same, but county
      equivalent is different.
3      ... INTERTERRITORY NON RESIDENTS:
      Territory of occurrence and
      residence are different, but both
      are a Territory.
4      ... FOREIGN RESIDENTS: Occurred in the
      American Samoa to a resident of any
      other place.

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2002

<u>Tape</u> <u>Location</u>	<u>Field</u> <u>Size</u>	<u>Item and Code Outline</u>
6	1	<u>RESTATUS</u> <u>Resident Status (Cont'd)</u> <u>Northern Marianas occurrence</u> 1 ... RESIDENTS: Territory and county equivalent of occurrence and residence are the same. 2 ... INTRATERRITORY NONRESIDENTS: Territory of occurrence and residence are the same, but county equivalent is different. 3 ... INTERTERRITORY NONRESIDENTS: Territory of occurrence and residence are different, but both are a Territory. 4 ... FOREIGN RESIDENTS: Occurred in the Northern Marianas to a resident of any other place.
7	1	<u>RECWT</u> <u>Record Weight</u> 1 ... Constant - as of the 1985 data year, this file contains data on a 100-percent basis from all reporting areas.
8	1	<u>PLDEL</u> <u>Place or Facility of Birth</u> 1 ... Hospital 2 ... Freestanding Birthing Center 3 ... Clinic or Doctor's Office 4 ... A Residence 5 ... Other 9 ... Unknown or Not Stated
9	1	<u>PLDEL3</u> <u>Place or Facility of Birth Recode</u> 1 ... In Hospital 2 ... Not in a Hospital 3 ... Unknown or Not Stated
10	1	<u>BIRATTND</u> <u>Attendant at Birth</u> 1 ... Doctor of Medicine (M.D.) 2 ... Doctor of Osteopathy (D.O.) 3 ... Certified Nurse Midwife (C.N.M.) 4 ... Other Midwife 5 ... Other 9 ... Unknown or Not Stated

2002
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
11-26	16	<u>NOCCUR</u> <u>Place of Occurrence</u>
11-13	3	<u>RDSSCOCC</u> <u>Region, Division, and State Subcode of</u> <u>Occurrence</u>
11	1	<u>REGNOCC</u> <u>Region of Occurrence</u>
12	1	<u>DIVOCC</u> <u>Division of Occurrence</u>
13	1	<u>STSUBOCC</u> <u>State Subcode of Occurrence</u>

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

000 ... Not applicable: P.R., V.I.,
 A.S., Guam or M.P. occurrence

1 ... NORTHEAST
1 ... New England
 1 ... Maine
 2 ... New Hampshire
 3 ... Vermont
 4 ... Massachusetts

13 1 STSUBOCC

2002
Detail Natality Record

**Tape
Location**

**Field
Size**

Item and Code Outline

State Subcode of Occurrence (Cont'd)

5	...	Rhode Island
6	...	Connecticut
2	...	<u>Middle Atlantic</u>
1	...	New York
2	...	New Jersey
3	...	Pennsylvania
2	...	<u>MIDWEST</u>
3	...	<u>East North Central</u>
1	...	Ohio
2	...	Indiana
3	...	Illinois
4	...	Michigan
5	...	Wisconsin
4	...	<u>West North Central</u>
1	...	Minnesota
2	...	Iowa
3	...	Missouri
4	...	North Dakota
5	...	South Dakota
6	...	Nebraska
7	...	Kansas
3	...	<u>SOUTH</u>
5	...	<u>South Atlantic</u>
1	...	Delaware
2	...	Maryland
3	...	District of Columbia
4	...	Virginia
5	...	West Virginia
6	...	North Carolina
7	...	South Carolina
8	...	Georgia
9	...	Florida
6	...	<u>East South Central</u>
1	...	Kentucky
2	...	Tennessee
3	...	Alabama
4	...	Mississippi
7	...	<u>West South Central</u>
1	...	Arkansas
2	...	Louisiana
3	...	Oklahoma
4	...	Texas
4	...	<u>WEST</u>
8	...	<u>Mountain</u>
1	...	Montana
2	...	Idaho
3	...	Wyoming

2001
Detail Natality Record

**Tape
Location**

**Field
Size**

Item and Code Outline

State Subcode of Occurrence (Cont'd)

4	...	Colorado
5	...	New Mexico
6	...	Arizona
7	...	Utah
8	...	Nevada
9	...	<u>Pacific</u>
1	...	Washington
2	...	Oregon
3	...	California
4	...	Alaska
5	...	Hawaii

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

14-15

2

STNATEXP

2001
Detail Natality Record

Tape
Location

Field
Size

Item and Code Outline

Expanded State of Occurrence (Cont'd)

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
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Virgin Islands

54	...	Virgin Islands
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Guam

55	...	Guam
----	-----	------

American Samoa

62	...	American Samoa
----	-----	----------------

Northern Marianas

63	...	Northern Marianas
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16-17

2

STATENAT

State of Occurrence

United States

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

16-17

2

STATENAT

2001
Detail Natality Record

<u>Tape</u> <u>Location</u>	<u>Field</u> <u>Size</u>	<u>Item and Code Outline</u>
		<u>State of Occurrence (Cont'd)</u>
	05	... California
	06	... Colorado
	07	... Connecticut
	08	... Delaware
	09	... District of Columbia
	10	... Florida
	11	... Georgia
	12	... Hawaii
	13	... Idaho
	14	... Illinois
	15	... Indiana
	16	... Iowa
	17	... Kansas
	18	... Kentucky
	19	... Louisiana
	20	... Maine
	21	... Maryland
	22	... Massachusetts
	23	... Michigan
	24	... Minnesota
	25	... Mississippi
	26	... Missouri
	27	... Montana
	28	... Nebraska
	29	... Nevada
	30	... New Hampshire
	31	... New Jersey
	32	... New Mexico
	33	... New York
	34	... North Carolina
	35	... North Dakota
	36	... Ohio
	37	... Oklahoma
	38	... Oregon
	39	... Pennsylvania
	40	... Rhode Island
	41	... South Carolina
	42	... South Dakota
	43	... Tennessee
	44	... Texas
	45	... Utah
	46	... Vermont
	47	... Virginia
	48	... Washington
	49	... West Virginia
	50	... Wisconsin
	51	... Wyoming

2001

**Field
Size**

State of Occurrence (Cont'd)

52 ... Puerto Rico

53	...	Virgin Islands
----	-----	----------------

54 . . . Guam

61 ... American Samoa

62	...	Northern Marianas
----	-----	-------------------

3

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
```

5

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.**

2001
Detail Natality Record

<u>Tape</u> <u>Location</u>	<u>Field</u> <u>Size</u>	<u>Item and Code Outline</u>
21-22	2	<u>STOCCFIP</u> <u>State of Occurrence (FIPS)</u> <u>United States</u>
		01 ... Alabama
		02 ... Alaska
		04 ... Arizona
		05 ... Arkansas
		06 ... California
		08 ... Colorado
		09 ... Connecticut
		10 ... Delaware
		11 ... District of Columbia
		12 ... Florida
		13 ... Georgia
		15 ... Hawaii
		16 ... Idaho
		17 ... Illinois
		18 ... Indiana
		19 ... Iowa
		20 ... Kansas
		21 ... Kentucky
		22 ... Louisiana
		23 ... Maine
		24 ... Maryland
		25 ... Massachusetts
		26 ... Michigan
		27 ... Minnesota
		28 ... Mississippi
		29 ... Missouri
		30 ... Montana
		31 ... Nebraska
		32 ... Nevada
		33 ... New Hampshire
		34 ... New Jersey
		35 ... New Mexico
		36 ... New York
		37 ... North Carolina
		38 ... North Dakota
		39 ... Ohio
		40 ... Oklahoma
		41 ... Oregon
		42 ... Pennsylvania
		44 ... Rhode Island
		45 ... South Carolina
		46 ... South Dakota
		47 ... Tennessee
		48 ... Texas

2001
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
21-22	2	<p><u>STOCCFIP</u> <u>State of Occurrence (FIPS) (Cont'd)</u></p> <p>50 ... Vermont 51 ... Virginia 53 ... Washington 54 ... West Virginia 55 ... Wisconsin 56 ... Wyoming</p> <p><u>Puerto Rico</u> 72 ... Puerto Rico</p> <p><u>Virgin Islands</u> 78 ... Virgin Islands</p> <p><u>Guam</u> 66 ... Guam</p> <p><u>American Samoa</u> 60 ... American Samoa</p> <p><u>Northern Marianas</u> 69 ... Northern Marianas</p>
23-25	3	<p><u>CNTOCFIP</u> <u>County of Occurrence (FIPS)</u></p> <p>001-nnn ... Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State. (Note: To uniquely identify a county, both the State and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document.</p> <p>999 ... County of less than 100,000 population</p>

2001
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>																																							
26	1	<p><u>CNTOCPOP</u> <u>Population Size of County of Occurrence</u></p> <p>Based on the results of the 1990 Census</p> <table> <tr> <td>0</td><td>...</td><td>County of 1,000,000 or more</td></tr> <tr> <td>1</td><td>...</td><td>County of 500,000 to 1,000,000</td></tr> <tr> <td>2</td><td>...</td><td>County of 250,000 to 500,000</td></tr> <tr> <td>3</td><td>...</td><td>County of 100,000 to 250,000</td></tr> </table>	0	...	County of 1,000,000 or more	1	...	County of 500,000 to 1,000,000	2	...	County of 250,000 to 500,000	3	...	County of 100,000 to 250,000																											
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																																							
27-58	32	<p><u>NRESID</u> <u>Place of Residence</u></p> <p>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.</p>																																							
27-29	3	<p><u>RDESCRES</u> <u>Region, Division, and State Subcode of Residence</u></p>																																							
27	1	<p><u>REGNRES</u> <u>Region of Residence</u></p>																																							
28	1	<p><u>DIVRES</u> <u>Division of Residence</u></p>																																							
29	1	<p><u>STSUBRES</u> <u>State Subcode of Residence</u></p> <p>States are coded within Division and the code structure is designed to sequence the States as they appear in NCHS publications.</p> <p><u>APPLICABLE TO U.S. ONLY</u></p> <table> <tr> <td>000</td><td>...</td><td><u>Foreign Residents</u></td></tr> <tr> <td>1</td><td>...</td><td><u>NORTHEAST</u></td></tr> <tr> <td>1</td><td>...</td><td><u>New England</u></td></tr> <tr> <td>1</td><td>...</td><td>Maine</td></tr> <tr> <td>2</td><td>...</td><td>New Hampshire</td></tr> <tr> <td>3</td><td>...</td><td>Vermont</td></tr> <tr> <td>4</td><td>...</td><td>Massachusetts</td></tr> <tr> <td>5</td><td>...</td><td>Rhode Island</td></tr> <tr> <td>6</td><td>...</td><td>Connecticut</td></tr> <tr> <td>2</td><td>...</td><td><u>Middle Atlantic</u></td></tr> <tr> <td>1</td><td>...</td><td>New York</td></tr> <tr> <td>2</td><td>...</td><td>New Jersey</td></tr> <tr> <td>3</td><td>...</td><td>Pennsylvania</td></tr> </table>	000	...	<u>Foreign Residents</u>	1	...	<u>NORTHEAST</u>	1	...	<u>New England</u>	1	...	Maine	2	...	New Hampshire	3	...	Vermont	4	...	Massachusetts	5	...	Rhode Island	6	...	Connecticut	2	...	<u>Middle Atlantic</u>	1	...	New York	2	...	New Jersey	3	...	Pennsylvania
000	...	<u>Foreign Residents</u>																																							
1	...	<u>NORTHEAST</u>																																							
1	...	<u>New England</u>																																							
1	...	Maine																																							
2	...	New Hampshire																																							
3	...	Vermont																																							
4	...	Massachusetts																																							
5	...	Rhode Island																																							
6	...	Connecticut																																							
2	...	<u>Middle Atlantic</u>																																							
1	...	New York																																							
2	...	New Jersey																																							
3	...	Pennsylvania																																							

2001
Detail Natality Record

Tape
Location

Field
Size

Item and Code Outline

29

1

STSUBRES

State Subcode of Residence (Cont'd)

2	...	<u>MIDWEST</u>
3	...	<u>East North Central</u>
1	...	Ohio
2	...	Indiana
3	...	Illinois
4	...	Michigan
5	...	Wisconsin
4	...	<u>West North Central</u>
1	...	Minnesota
2	...	Iowa
3	...	Missouri
4	...	North Dakota
5	...	South Dakota
6	...	Nebraska
7	...	Kansas
3	...	<u>SOUTH</u>
5	...	<u>South Atlantic</u>
1	...	Delaware
2	...	Maryland
3	...	District of Columbia
4	...	Virginia
5	...	West Virginia
6	...	North Carolina
7	...	South Carolina
8	...	Georgia
9	...	Florida
6	...	<u>East South Central</u>
1	...	Kentucky
2	...	Tennessee
3	...	Alabama
4	...	Mississippi
7	...	<u>West South Central</u>
1	...	Arkansas
2	...	Louisiana
3	...	Oklahoma
4	...	Texas
4	...	<u>WEST</u>
8	...	<u>Mountain</u>
1	...	Montana
2	...	Idaho
3	...	Wyoming
4	...	Colorado
5	...	New Mexico
6	...	Arizona

2001
Detail Natality Record

**Tape
Location**

**Field
Size**

Item and Code Outline

29

1

STSUBRES

State Subcode of Residence (Cont'd)

7	...	Utah
8	...	Nevada
9	...	<u>Pacific</u>
1	...	Washington
2	...	Oregon
3	...	California
4	...	Alaska
5	...	Hawaii

30-31

2

STREEXP

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

**2001
Detail Natality Record**

<u>Tape</u>	<u>Field</u>	<u>Item and Code Outline</u>
<u>Location</u>	<u>Size</u>	
30-31	2	<p><u>STRESEXP</u> <u>Expanded State of Residence (Cont'd)</u></p> <p>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 62,63 53 ... Puerto Rico 54 ... Virgin Islands 55 ... Guam 62 ... American Samoa 63 ... Northern Marianas 56 ... Canada 57 ... Cuba 58 ... Mexico 60 ... Remainder of the world</p> <p><u>Puerto Rico occurrence</u> 53 ... Puerto Rico 01-52,54-58,60,62,63... Foreign residents: Refer to U.S. for specific code structure.</p> <p><u>Virgin Islands occurrence</u> 54 ... Virgin Islands 01-53,55-58,60,62,63... Foreign residents:Refer to U.S.for specific code structure.</p>

2001
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>	
30-31	2	<u>STRESEXP</u> <u>Expanded State of Residence (Cont'd)</u>	
		<u>Guam occurrence</u>	
		55 ...	Guam
		01-52 ...	U.S. resident is also considered a resident of Guam.
		53-54,56-58,60,62,63...	Foreign residents: Refer to U.S. for specific code structure.
		<u>American Samoa occurrence</u>	
		62 ...	American Samoa
		01-52 ...	U.S. resident is also considered a resident of American Samoa.
		53-58,60,63 ...	Foreign residents: Refer to U.S. for specific code structure.
		<u>Northern Marianas</u>	
		63 ...	Northern Marianas
		01-52 ...	U.S. resident is also considered a resident of Northern Marianas.
		53-58,60,62 ...	Foreign residents: Refer to U.S. for specific code structure.
32-33	2	<u>STATERES</u> <u>State of Residence</u>	
		<u>United States occurrence</u>	
		01 ...	Alabama
		02 ...	Alaska
		03 ...	Arizona
		04 ...	Arkansas
		05 ...	California
		06	Colorado
		07	Connecticut
		08 ...	Delaware
		09 ...	District of Columbia
		10 ...	Florida
		11 ...	Georgia
		12 ...	Hawaii
		13 ...	Idaho
		14 ...	Illinois
		15 ...	Indiana
		16 ...	Iowa
		17 ...	Kansas
		18 ...	Kentucky
		19 ...	Louisiana

2001
Detail Natality Record

**Tape
Location**

**Field
Size**

Item and Code Outline

32-33

2

STATERES

State of Residence (Cont'd)

20	...	Maine
21	...	Maryland
22	...	Massachusetts
23	...	Michigan
24	...	Minnesota
25	...	Mississippi
26	...	Missouri
27	...	Montana
28	...	Nebraska
29	...	Nevada
30	...	New Hampshire
31	...	New Jersey
32	...	New Mexico
33	...	New York
34	...	North Carolina
35	...	North Dakota
36	...	Ohio
37	...	Oklahoma
38	...	Oregon
39	...	Pennsylvania
40	...	Rhode Island
41	...	South Carolina
42	...	South Dakota
43	...	Tennessee
44	...	Texas
45	...	Utah
46	...	Vermont
47	...	Virginia
48	...	Washington
49	...	West Virginia
50	...	Wisconsin
51	...	Wyoming
52-57,59,61,62	..	Foreign Residents
52	...	Puerto Rico
53	...	Virgin Islands
54	...	Guam
61	...	American Samoa
62	...	Northern Marianas
55	...	Canada
56	...	Cuba
57	...	Mexico
59	...	Remainder of the world

Puerto Rico occurrence

52	...	Puerto Rico
01-51,53-57,59, 61,62	...	Foreign Residents: Refer to U.S. for specific code structure.

Tape Location

Item and Code Outline

2

Virgin Islands occurrence

Guam occurrence

American Samoa occurrence

Northern Marianas

3

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

2001
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
37-39	3	<p><u>CITYRES</u> <u>City of Residence</u></p> <p>A complete list of cities is shown in the Geographic Code Outline further back in this document.</p> <p>001-nnn ... Cities are numbered alphabetically within each state and identify each city with a population of 100,000 or more in 1990. (Note: To uniquely identify a county, both the State and city codes must be used. State, county and city codes may also be used.)</p> <p>999 ... Balance of county</p> <p>ZZZ ... Foreign resident</p>
40	1	<p><u>CITRSPOP</u> <u>Population Size of City of Residence</u></p> <p>Based on the results of the 1990 census</p> <p>0 ... Place of 1,000,000 or more</p> <p>1 ... Place of 500,000 to 1,000,000</p> <p>2 ... Place of 250,000 to 500,000</p> <p>3 ... Place of 100,000 to 250,000</p> <p>9 ... All other areas in the U.S.</p> <p>Z ... Foreign residents</p>
41	1	<p><u>METRORES</u> <u>Metropolitan - Nonmetropolitan County of Residence</u></p> <p><u>NOTE:</u> VIRGIN ISLANDS, GUAM, NORTHERN MARIANAS AND AMERICAN SAMOA DO NOT HAVE ANY METROPOLITAN AREAS</p> <p>1 ... Metropolitan county</p> <p>2 ... Nonmetropolitan county</p> <p>Z ... Foreign residents</p>
42-57	16	<p><u>FIPSRES</u> <u>Federal Information Processing Standards (FIPS)</u> <u>Geographic Codes (Residence)</u></p> <p>Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes. For an explanation of FIPS codes, reference should be made to various National Institute of Standards and Technology (NIST) publications. Some Geographic Codes have changed to reflect the results of the 1990 Census.</p>

2001
Detail Natality Record

<u>Tape</u> <u>Location</u>	<u>Field</u> <u>Size</u>	<u>Item and Code Outline</u>
42-43	2	<u>STRESFIP</u> <u>State of Residence (FIPS)</u>
		00 ... Foreign residents
		01 ... Alabama
		02 ... Alaska
		04 ... Arizona
		05 ... Arkansas
		06 ... California
		08 ... Colorado
		09 ... Connecticut
		10 ... Delaware
		11 ... District of Columbia
		12 ... Florida
		13 ... Georgia
		15 ... Hawaii
		16 ... Idaho
		17 ... Illinois
		18 ... Indiana
		19 ... Iowa
		20 ... Kansas
		21 ... Kentucky
		22 ... Louisiana
		23 ... Maine
		24 ... Maryland
		25 ... Massachusetts
		26 ... Michigan
		27 ... Minnesota
		28 ... Mississippi
		29 ... Missouri
		30 ... Montana
		31 ... Nebraska
		32 ... Nevada
		33 ... New Hampshire
		34 ... New Jersey
		35 ... New Mexico
		36 ... New York
		37 ... North Carolina
		38 ... North Dakota

2001
Detail Natality Record

<u>Tape</u> <u>Location</u>	<u>Field</u> <u>Size</u>	<u>Item and Code Outline</u>																																																																					
42-43	2	<p><u>STRESFIP</u> <u>State of Residence (FIPS) (Cont"d)</u></p> <table border="0"> <tr><td>39</td><td>...</td><td>Ohio</td></tr> <tr><td>40</td><td>...</td><td>Oklahoma</td></tr> <tr><td>41</td><td>...</td><td>Oregon</td></tr> <tr><td>42</td><td>...</td><td>Pennsylvania</td></tr> <tr><td>44</td><td>...</td><td>Rhode Island</td></tr> <tr><td>45</td><td>...</td><td>South Carolina</td></tr> <tr><td>46</td><td>...</td><td>South Dakota</td></tr> <tr><td>47</td><td>...</td><td>Tennessee</td></tr> <tr><td>48</td><td>...</td><td>Texas</td></tr> <tr><td>49</td><td>...</td><td>Utah</td></tr> <tr><td>50</td><td>...</td><td>Vermont</td></tr> <tr><td>51</td><td>...</td><td>Virginia</td></tr> <tr><td>53</td><td>...</td><td>Washington</td></tr> <tr><td>54</td><td>...</td><td>West Virginia</td></tr> <tr><td>55</td><td>...</td><td>Wisconsin</td></tr> <tr><td>56</td><td>...</td><td>Wyoming</td></tr> </table> <p><u>Puerto Rico occurrence</u></p> <table border="0"> <tr> <td>00-56,60,66,78,69</td> <td>...</td> <td>Foreign Residents: Refer to U.S. for specific code structure</td> </tr> <tr> <td>72</td> <td>...</td> <td>Puerto Rico</td> </tr> </table> <p><u>Virgin Islands occurrence</u></p> <table border="0"> <tr> <td>00-56,60,66,72,69</td> <td>...</td> <td>Foreign Residents: Refer to U.S. for specific code structure</td> </tr> <tr> <td>78</td> <td>...</td> <td>Virgin Islands</td> </tr> </table> <p><u>Guam occurrence</u></p> <table border="0"> <tr> <td>00,60,72,78,69</td> <td>...</td> <td>Foreign Residents: Refer to U.S. for specific code structure</td> </tr> <tr> <td>01-56</td> <td>...</td> <td>U.S. Resident is also considered a resident of Guam. Refer to U.S. for specific code structure</td> </tr> <tr> <td>66</td> <td>...</td> <td>Guam</td> </tr> </table>	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	00-56,60,66,78,69	...	Foreign Residents: Refer to U.S. for specific code structure	72	...	Puerto Rico	00-56,60,66,72,69	...	Foreign Residents: Refer to U.S. for specific code structure	78	...	Virgin Islands	00,60,72,78,69	...	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
39	...	Ohio																																																																					
40	...	Oklahoma																																																																					
41	...	Oregon																																																																					
42	...	Pennsylvania																																																																					
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56	...	Wyoming																																																																					
00-56,60,66,78,69	...	Foreign Residents: Refer to U.S. for specific code structure																																																																					
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66	...	Guam																																																																					

2001
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
42-43	2	<p><u>STRESFIP</u> <u>State of Residence (FIPS) (Cont'd)</u></p> <p><u>American Samoa occurrence</u> 00,66,72,78,69 ... Foreign Residents: Refer to U.S. for specific code structure 01-56 ... U.S. Resident is also considered a resident of American Samoa. Refer to specific code structure 60 ... American Samoa</p> <p><u>Northern Marianas</u> 00,60,66,72,78 ... Foreign Residents: Refer to U.S. for specific code structure. 01-56 ... U.S. Resident is also considered a resident of Northern Marianas. Refer to specific code structure. 69 ... Northern Marianas</p>
44-46	3	<p><u>CNTYRFIP</u> <u>County of Residence (FIPS)</u></p> <p>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</p>
47-51	5	<p><u>PLACEFIP</u> <u>Place (City) of Residence</u></p> <p>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 Natality record. It identifies each city of 100,000 population or more in 1990.</p> <p>00000 ... Foreign residents 00001- nnnnn ... Code range 99999 ... Balance of county; or city of less than 100,000 population</p>

2001
Detail Natality Record

Item and Code Outline

CMSA
CMSA of Residence (FIPS)

Consolidated Metropolitan Statistical Areas are groupings of certain Primary Metropolitan Statistical Areas and are defined by the U.S. Office of Management and Budget (OMB) as of June 30, 1990.

00 ... Not a CMSA

```

07      ... Boston-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
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

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87 ... San Juan-Caguas-Arecibo, PR, CMSA

2001
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
54-57	4	<p><u>SMSARFIP</u> <u>PMSA/MSA of Residence (FIPS)</u></p> <p>Primary Metropolitan Statistical Areas and Metropolitan Statistical Areas are those defined by the U.S. Office of Management and Budget as of 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.</p> <p>0000 ... Nonmetropolitan counties or foreign residents 0040-9360 ... Code range 9999 ... Area of less than 100,000 population</p>
58	1	<p><u>CNTRSPOP</u> <u>Population Size of County of Residence</u></p> <p>Based on the results of the 1990 Census.</p> <p>0 ... County of 1,000,000 or more 1 ... County of 500,000 to 1,000,000 2 ... County of 250,000 to 500,000 3 ... County of 100,000 to 250,000 9 ... County of less than 100,000 Z ... Foreign resident</p>
59-67	9	<p><u>RIA</u> <u>Reserved Positions</u></p>
68	1	<p><u>MAGERFLG</u> <u>Reported Age of Mother Used Flag</u></p> <p>This position is flagged whenever the mother's reported age is used. The reported age is used, if valid, when age could not be computed or when the computed age is outside the 10-54 code range.</p> <p>Blank ... Reported age is not used 1 ... Reported age is used</p>
69	1	<p><u>MAGEIMP</u> <u>Age of Mother Imputation Flag</u></p> <p>Blank ... Age is not imputed 1 ... Age is imputed</p>

2001
Detail Natality Record

**Tape
Location**

**Field
Size**

Item and Code Outline

1. <15
2. 15-25
3. 25-35
4. 35-45
5. 45-55

70-71

2

Recode Maternal Age
• dmage

✓ **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.

10-54 ... 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
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
37	...	50 years
38	...	51 years
39	...	52 years
40	...	53 years
41	...	54 years

2001
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
74-75	2	<p>✓ <u>MAGE12</u> <u>Age of Mother Recode 12</u></p> <p>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 14 ... 50 - 54 years</p>
76	1	<p><u>MAGE8</u> <u>Age of Mother Recode 8</u></p> <p>1 ... Under 15 years 2 ... 15 - 19 years 3 ... 20 - 24 years 4 ... 25 - 29 years 5 ... 30 - 34 years 6 ... 35 - 39 years 7 ... 40 - 44 years 8 ... 45 - 49 years 9 ... 50 - 54 years</p>
77	1	<p><u>ORMOTH</u> <u>Hispanic Origin of Mother</u></p> <p>Hispanic origin is reported by all areas except Puerto Rico, Northern Marianas, and American Samoa</p> <p>0 ... Non-Hispanic 1 ... Mexican 2 ... Puerto Rican 3 ... Cuban 4 ... Central or South American 5 ... Other and unknown Hispanic 9 ... Origin unknown or not stated</p>

2001
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>																																										
78	1	<p><u>ORRACEM</u> <u>Hispanic Origin and Race of Mother Recode</u></p> <p>Hispanic origin is reported by all areas except Puerto Rico, Northern Marianas, and American Samoa</p> <table> <tr><td>1</td><td>...</td><td>Mexican</td></tr> <tr><td>2</td><td>...</td><td>Puerto Rican</td></tr> <tr><td>3</td><td>...</td><td>Cuban</td></tr> <tr><td>4</td><td>...</td><td>Central or South American</td></tr> <tr><td>5</td><td>...</td><td>Other and unknown Hispanic</td></tr> <tr><td>6</td><td>...</td><td>Non-Hispanic White</td></tr> <tr><td>7</td><td>...</td><td>Non-Hispanic Black</td></tr> <tr><td>8</td><td>...</td><td>Non-Hispanic other races</td></tr> <tr><td>9</td><td>...</td><td>Origin unknown or not stated</td></tr> </table>	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															
1	...	Mexican																																										
2	...	Puerto Rican																																										
3	...	Cuban																																										
4	...	Central or South American																																										
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6	...	Non-Hispanic White																																										
7	...	Non-Hispanic Black																																										
8	...	Non-Hispanic other races																																										
9	...	Origin unknown or not stated																																										
79	1	<p><u>MRACEIMP</u> <u>Race of Mother Imputation Flag</u></p> <table> <tr><td>Blank</td><td>...</td><td>Race is not imputed</td></tr> <tr><td>1</td><td>...</td><td>Unknown race is imputed</td></tr> <tr><td>2</td><td>...</td><td>All other races, formerly code 09, is imputed</td></tr> </table>	Blank	...	Race is not imputed	1	...	Unknown race is imputed	2	...	All other races, formerly code 09, is imputed																																	
Blank	...	Race is not imputed																																										
1	...	Unknown race is imputed																																										
2	...	All other races, formerly code 09, is imputed																																										
80-81	2	<p>✓ <u>MRACE</u> <u>Race of Mother</u></p> <p><u>United States occurrence</u> 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.</p> <table> <tr><td>1. 01</td><td>...</td><td>White</td></tr> <tr><td>2. 02</td><td>...</td><td>Black</td></tr> <tr><td>3. 03</td><td>...</td><td>American Indian (includes Aleuts and Eskimos)</td></tr> <tr><td>4. 04</td><td>...</td><td>Chinese</td></tr> <tr><td>5. 05</td><td>...</td><td>Japanese</td></tr> <tr><td>6. 06</td><td>...</td><td>Hawaiian (includes part-Hawaiian)</td></tr> <tr><td>7. 07</td><td>...</td><td>Filipino</td></tr> <tr><td>8. 18</td><td>...</td><td>Asian Indian</td></tr> <tr><td>9. 28</td><td>...</td><td>Korean</td></tr> <tr><td>10. 38</td><td>...</td><td>Samoan</td></tr> <tr><td>11. 48</td><td>...</td><td>Vietnamese</td></tr> <tr><td>12. 58</td><td>...</td><td>Guamanian</td></tr> <tr><td>13. 68</td><td>...</td><td>Other Asian or Pacific Islander in areas reporting codes 18-58</td></tr> <tr><td>14. 78</td><td>...</td><td>Combined other Asian or Pacific Islander, includes codes 18-68 for areas that do not report them separately</td></tr> </table>	1. 01	...	White	2. 02	...	Black	3. 03	...	American Indian (includes Aleuts and Eskimos)	4. 04	...	Chinese	5. 05	...	Japanese	6. 06	...	Hawaiian (includes part-Hawaiian)	7. 07	...	Filipino	8. 18	...	Asian Indian	9. 28	...	Korean	10. 38	...	Samoan	11. 48	...	Vietnamese	12. 58	...	Guamanian	13. 68	...	Other Asian or Pacific Islander in areas reporting codes 18-58	14. 78	...	Combined other Asian or Pacific Islander, includes codes 18-68 for areas that do not report them separately
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Recode Maternal Race into 14 categories
*mrace

2001
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>																																																																																																												
80-81	2	<p><u>MRACE of Mother (Cont'd)</u></p> <p><u>Puerto Rico occurrence</u></p> <table> <tr><td>01</td><td>...</td><td>White</td></tr> <tr><td>02</td><td>...</td><td>Black</td></tr> <tr><td>00</td><td>...</td><td>Other races</td></tr> </table> <p><u>Virgin Islands occurrence</u></p> <table> <tr><td>01</td><td>...</td><td>White</td></tr> <tr><td>02</td><td>...</td><td>Black</td></tr> <tr><td>03</td><td>...</td><td>American Indian (includes Aleuts and Eskimos)</td></tr> <tr><td>04</td><td>...</td><td>Chinese</td></tr> <tr><td>05</td><td>...</td><td>Japanese</td></tr> <tr><td>06</td><td>...</td><td>Hawaiian (includes part-Hawaiian)</td></tr> <tr><td>07</td><td>...</td><td>Filipino</td></tr> <tr><td>08</td><td>...</td><td>Other Asian or Pacific Islander</td></tr> </table> <p><u>Guam occurrence</u></p> <table> <tr><td>01</td><td>...</td><td>White</td></tr> <tr><td>02</td><td>...</td><td>Black</td></tr> <tr><td>03</td><td>...</td><td>American Indian (includes Aleuts and Eskimos)</td></tr> <tr><td>04</td><td>...</td><td>Chinese</td></tr> <tr><td>05</td><td>...</td><td>Japanese</td></tr> <tr><td>06</td><td>...</td><td>Hawaiian (includes part-Hawaiian)</td></tr> <tr><td>07</td><td>...</td><td>Filipino</td></tr> <tr><td>08</td><td>...</td><td>Other Asian or Pacific Islander</td></tr> <tr><td>58</td><td>...</td><td>Guamanian</td></tr> </table> <p><u>American Samoa occurrence</u></p> <table> <tr><td>01</td><td>...</td><td>White</td></tr> <tr><td>02</td><td>...</td><td>Black</td></tr> <tr><td>03</td><td>...</td><td>American Indian (includes Aleuts and Eskimos)</td></tr> <tr><td>04</td><td>...</td><td>Chinese</td></tr> <tr><td>05</td><td>...</td><td>Japanese</td></tr> <tr><td>06</td><td>...</td><td>Hawaiian (includes part-Hawaiian)</td></tr> <tr><td>07</td><td>...</td><td>Filipino</td></tr> <tr><td>08</td><td>...</td><td>Other Asian or Pacific Islander</td></tr> </table> <p><u>Northern Marianas occurrence</u></p> <table> <tr><td>01</td><td>...</td><td>White</td></tr> <tr><td>02</td><td>...</td><td>Black</td></tr> <tr><td>03</td><td>...</td><td>American Indian (includes Aleuts and Eskimos)</td></tr> <tr><td>04</td><td>...</td><td>Chinese</td></tr> <tr><td>05</td><td>...</td><td>Japanese</td></tr> <tr><td>06</td><td>...</td><td>Hawaiian (includes part-Hawaiian)</td></tr> <tr><td>07</td><td>...</td><td>Filipino</td></tr> <tr><td>08</td><td>...</td><td>Other Asian or Pacific Islander</td></tr> </table>	01	...	White	02	...	Black	00	...	Other races	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	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	58	...	Guamanian	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	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
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2001
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
82	1	<u>MRACE3</u> <u>Race of Mother Recode</u> <u>For All Areas</u> 1 ... White 2 ... Races other than White or Black 3 ... Black
83-84 Recode Maternal Education • dmeduc	2	✓ <u>DMEDUC</u> <u>Education of Mother</u> Effective with 1992 data, all areas report education. 0 00 ... No formal education 0 yrs. 1-8 01-08 ... Years of elementary school 09 ... 1 year of high school 9 yrs. 9-12 10 ... 2 years of high school 10 yrs. 11 ... 3 years of high school 11 yrs. 12 ... 4 years of high school 12 yrs. 13 ... 1 year of college 13 yrs. 13-17 14 ... 2 years of college 14 yrs. 15 ... 3 years of college 15 yrs. 16 ... 4 years of college 16 yrs. 17 ... 5 or more years of college 17 yrs. 99/Max 99 ... Not stated
85	1	<div style="border: 1px solid black; padding: 5px;"> <u>MEDUC6</u> <u>Education of Mother Recode</u> </div> 1 ... 0 - 8 years 2 ... 9 - 11 years 3 ... 12 years Completed Entire High School 4 ... 13 - 15 years 5 ... 16 years and over 6 ... Not stated
86	1	<u>DMARIMP</u> <u>Marital Status of Mother Imputation Flag</u> Blank ... Marital Status is not imputed 1 ... Marital Status is imputed

2001
Detail Natality Record

Tape
Location

Field
Size

Item and Code Outline

87

1

DMAR

Marital Status of Mother

Marital status is not reported by all areas. See reporting flags.

United States/Virgin Island/Guam/American

Samoa/Northern Marianas

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

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

2001
Detail Natality Record

<u>Tape</u> <u>Location</u>	<u>Field</u> <u>Size</u>	<u>Item and Code Outline</u>																																																																																										
88-89	2	<p><u>MPLBIR</u> <u>Place of Birth of Mother Cont'd</u></p> <table> <tr><td>32</td><td>...</td><td>New Mexico</td></tr> <tr><td>33</td><td>...</td><td>New York</td></tr> <tr><td>34</td><td>...</td><td>North Carolina</td></tr> <tr><td>35</td><td>...</td><td>North Dakota</td></tr> <tr><td>36</td><td>...</td><td>Ohio</td></tr> <tr><td>37</td><td>...</td><td>Oklahoma</td></tr> <tr><td>38</td><td>...</td><td>Oregon</td></tr> <tr><td>39</td><td>...</td><td>Pennsylvania</td></tr> <tr><td>40</td><td>...</td><td>Rhode Island</td></tr> <tr><td>41</td><td>...</td><td>South Carolina</td></tr> <tr><td>42</td><td>...</td><td>South Dakota</td></tr> <tr><td>43</td><td>...</td><td>Tennessee</td></tr> <tr><td>44</td><td>...</td><td>Texas</td></tr> <tr><td>45</td><td>...</td><td>Utah</td></tr> <tr><td>46</td><td>...</td><td>Vermont</td></tr> <tr><td>47</td><td>...</td><td>Virginia</td></tr> <tr><td>48</td><td>...</td><td>Washington</td></tr> <tr><td>49</td><td>...</td><td>West Virginia</td></tr> <tr><td>50</td><td>...</td><td>Wisconsin</td></tr> <tr><td>51</td><td>...</td><td>Wyoming</td></tr> <tr><td>52</td><td>...</td><td>Puerto Rico</td></tr> <tr><td>53</td><td>...</td><td>Virgin Islands</td></tr> <tr><td>54</td><td>...</td><td>Guam</td></tr> <tr><td>61</td><td>...</td><td>American Samoa</td></tr> <tr><td>62</td><td>...</td><td>Northern Marianas</td></tr> <tr><td>55</td><td>...</td><td>Canada</td></tr> <tr><td>56</td><td>...</td><td>Cuba</td></tr> <tr><td>57</td><td>...</td><td>Mexico</td></tr> <tr><td>59</td><td>...</td><td>Remainder of the World</td></tr> <tr><td>99</td><td>...</td><td>Not classifiable</td></tr> </table>	32	...	New Mexico	33	...	New York	34	...	North Carolina	35	...	North Dakota	36	...	Ohio	37	...	Oklahoma	38	...	Oregon	39	...	Pennsylvania	40	...	Rhode Island	41	...	South Carolina	42	...	South Dakota	43	...	Tennessee	44	...	Texas	45	...	Utah	46	...	Vermont	47	...	Virginia	48	...	Washington	49	...	West Virginia	50	...	Wisconsin	51	...	Wyoming	52	...	Puerto Rico	53	...	Virgin Islands	54	...	Guam	61	...	American Samoa	62	...	Northern Marianas	55	...	Canada	56	...	Cuba	57	...	Mexico	59	...	Remainder of the World	99	...	Not classifiable
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90	1	<p><u>MPLBIRR</u> <u>Place of Birth of Mother Recode</u></p> <table> <tr><td>1</td><td>...</td><td>Native born</td></tr> <tr><td>2</td><td>...</td><td>Foreign born</td></tr> <tr><td>3</td><td>...</td><td>Unknown or not stated</td></tr> </table>	1	...	Native born	2	...	Foreign born	3	...	Unknown or not stated																																																																																	
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91-92	2	<p><u>DMAGERPT</u> <u>Reported Age of Mother</u></p> <table> <tr><td>10-54</td><td>...</td><td>Age in single years</td></tr> <tr><td>99</td><td>...</td><td>Unknown or not stated</td></tr> </table>	10-54	...	Age in single years	99	...	Unknown or not stated																																																																																				
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93	1	<p><u>ADEQUACY</u> <u>Adequacy Of Care Recode (Kessner Index)</u></p> <p>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.</p> <table> <tr><td>1</td><td>...</td><td>Adequate</td></tr> <tr><td>2</td><td>...</td><td>Intermediate</td></tr> <tr><td>3</td><td>...</td><td>Inadequate</td></tr> <tr><td>4</td><td>...</td><td>Unknown</td></tr> </table>	1	...	Adequate	2	...	Intermediate	3	...	Inadequate	4	...	Unknown																																																																														
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2001
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
94-95	2	<p><u>NLBNL</u> <u>Number of Live Births, Now Living</u></p> <p>Does not include this birth or adoptions.</p> <p>00-30 ... Stated number of births 99 ... Unknown or not stated</p>
96-97	2	<p><u>NLBND</u> <u>Number of Live Births, Now Dead</u></p> <p>Does not include this birth or adoptions.</p> <p>00-30 ... Stated number of births 99 ... Unknown or not stated</p>
98-99	2	<p><u>NOTERM</u> <u>Number of Other Terminations</u></p> <p>Includes spontaneous and induced at any time after conception.</p> <p>00-30 ... Stated number of other terminations 99 ... Unknown or not stated</p>
100-101	2	<p><u>DLIVORD</u> <u>Detail Live Birth Order</u></p> <p>Sum of live births now living and now dead plus one. If either item is unknown, this item is made unknown.</p> <p>00-31 ... Number of children born alive to mother 99 ... Unknown</p>
102	1	<p><u>LIVORD9</u> <u>Live Birth Order Recode</u></p> <p>1 ... First Child 2 ... Second Child 3 ... Third Child 4 ... Fourth Child 5 ... Fifth Child 6 ... Sixth Child 7 ... Seventh Child 8 ... Eighth Child and over 9 ... Unknown or not stated</p>

2001
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
103-104	2	<p><u>DTOTORD</u> <u>Detail Total Birth Order</u></p> <p>Sum of live birth order and other terminations. If either item is unknown, this item is made unknown.</p> <p>01-40 ... Total number of live births and other terminations</p> <p>99 ... Unknown</p>
105	1	<p><u>TOTORD9</u> <u>Total Birth Order Recode</u></p> <p>1 ... First Child</p> <p>2 ... Second Child</p> <p>3 ... Third Child</p> <p>4 ... Fourth Child</p> <p>5 ... Fifth Child</p> <p>6 ... Sixth Child</p> <p>7 ... Seventh Child</p> <p>8 ... Eighth Child and over</p> <p>9 ... Unknown or not stated</p>
106-107	2	<p><u>MONPRE</u> <u>Detail Month of Pregnancy Prenatal Care Began</u></p> <p>00 ... No prenatal care</p> <p>01 ... 1st month</p> <p>02 ... 2nd month</p> <p>03 ... 3rd month</p> <p>04 ... 4th month</p> <p>05 ... 5th month</p> <p>06 ... 6th month</p> <p>07 ... 7th month</p> <p>08 ... 8th month</p> <p>09 ... 9th month</p> <p>99 ... Unknown or not stated</p>
108	1	<p><u>MPRE6</u> <u>Month Prenatal Care Began Recode 6</u></p> <p>1 ... 1st - 2nd month</p> <p>2 ... 3rd month</p> <p>3 ... 4th - 6th month</p> <p>4 ... 7th - 9th month</p> <p>5 ... No prenatal care</p> <p>6 ... Unknown or not stated</p>
109	1	<p><u>MPRE5</u> <u>Month Prenatal Care Began Recode 5</u></p> <p>1 ... 1st Trimester (1st-3rd month)</p> <p>2 ... 2nd Trimester (4th-6th month)</p> <p>3 ... 3rd Trimester (7th-9th month)</p> <p>4 ... No Prenatal Care</p> <p>5 ... Unknown or not stated</p>

2001
Detail Natality Record

<u>Tape</u> <u>Location</u>	<u>Field</u> <u>Size</u>	<u>Item and Code Outline</u>
110-111	2	<u>NPREVIS</u> <u>Total Number of Prenatal Visits</u> 00 ... No prenatal visits 01-48 ... Stated number of visits 49 ... 49 or more visits 99 ... Unknown or not stated
112-113	2	<u>NPREV12</u> <u>Number of Prenatal Visits Recode</u> 01 ... No visits 02 ... 1 - 2 visits 03 ... 3 - 4 visits 04 ... 5 - 6 visits 05 ... 7 - 8 visits 06 ... 9 - 10 visits
112-113	2	<u>NPREV12</u> <u>Number of Prenatal Visits Recode (Cont'd)</u> 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
114-121	8	<u>LMPDATE</u> <u>Date Last Normal Menses Began</u>
114-115	2	<u>LMPMON</u> <u>Month Last Normal Menses Began</u> 01 ... January 02 ... February 03 ... March 04 ... April 05 ... May 06 ... June 07 ... July 08 ... August 09 ... September 10 ... October 11 ... November 12 ... December 99 ... Unknown or not stated month of LMP
116-117	2	<u>LMPDAY</u> <u>Day Last Normal Menses Began</u> 01-31 ... As applicable to month of LMP 99 ... Unknown or not stated day of LMP
118-121	4	<u>LMPYR</u>

2001
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		<u>Year Last Normal Menses Began</u>
		2001 ... 2001
		2002 ... 2002
		9999 ... Unknown or not stated year of LMP
122-132	11	<u>R8</u> Item was dropped in 1994
		<u>R8A</u> <u>Reserved Position</u>
133-137	5	<u>Imputed Birthweight (applicable to denominator for Linked Birth/Death file only)</u> Created beginning with 1995 data
133	1	<u>BWIMP (applicable to denominator for linked Birth/Death file only)</u> <u>Imputed Birthweight Flag</u> Blank ... Birthweight is not imputed 1 ... Birthweight is imputed
134-137	4	<u>Imputed Birthweight (applicable to denominator for Linked Birth/Death file only)</u> 0227-8165 ... Number of grams
138-152	15	<u>R2</u> <u>Reserved Positions</u>
153	1	<u>FAGERFLG</u> <u>Reported Age of Father Used Flag</u> 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
154-155	2	<u>DFAGE</u> <u>Age of Father</u> 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	<u>FAGE11</u>

2001
Detail Natality Record

Tape
Location

Field
Size

Item and Code Outline

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, Northern Marianas and American Samoa

0	...	Non - Hispanic
1	...	Mexican
2	...	Puerto Rican
3	...	Cuban
4	...	Central or South American
5	...	Other and unknown Hispanic
9	...	Origin unknown or not stated

159

1

ORRACEF

Hispanic Origin and Race of Father Recode

Hispanic origin of father is reported by all areas except Puerto Rico, Northern Marianas and American Samoa.

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

2001
Detail Natality Record

Tape
Location

Field
Size

Item and Code Outline

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 Changed to 99.

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

Puerto Rico occurrence

01	...	White
02	...	Black
00	...	Other races
99	...	Unknown or not stated

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
99	...	Unknown or Not Stated

2001
Detail Natality Record

Tape
Location

Field
Size

Item and Code Outline

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
58	...	Guamanian
99	...	Unknown or Not Stated

American Samoa 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
99	...	Unknown or Not Stated

Northern Marianas 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

FRACE4

Race of Father Recode

1	...	White
2	...	Races other than White, Black, or unknown
3	...	Black
4	...	Unknown or not stated

162

1

2001
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
163-165	3	<u>R2A</u> <u>Reserved positions</u> Item was dropped in 1995
166-167	2	<u>DFAGERPT</u> <u>Reported Age of Father</u> 10-98 ... Age in single years 99 ... Unknown or not stated
168	1	<u>FRACEIMP</u> <u>Race of Father Imputation Flag</u> (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	<u>R3</u> <u>Reserved Position</u>
170	1	<u>CDOBMIMP</u> <u>Month of Birth of Child Imputation Flag</u> Blank ... Month is not imputed 1 ... Month is imputed
171	1	<u>RB</u> <u>Reserved Position</u>
172-173	2	<u>BIRMON</u> <u>Month of Birth</u> 01 ... January 02 ... February 03 ... March 04 ... April 05 ... May 06 ... June 07 ... July 08 ... August 09 ... September 10 ... October 11 ... November 12 ... December
174-175	2	<u>RC</u> <u>Reserved Positions</u>
176-179	4	<u>BIRYR</u>


**2002
Detail Natality Record**

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		<u>Year of Birth</u>
		2002 ... 2002
180	1	<u>WEEKDAY</u> <u>Day of Week Child Born</u> 1 ... Sunday 2 ... Monday 3 ... Tuesday 4 ... Wednesday 5 ... Thursday 6 ... Friday 7 ... Saturday
181	1	<u>GESTESTM</u> <u>Clinical Estimate of Gestation Used Flag</u> This position is flagged whenever the clinical estimate of gestation is used. It is used when gestation could not be computed or when the computed gestation is outside the 17-47 code range. Blank ... Clinical Estimate is not used 1 ... Clinical Estimate is used
182	1	<u>GESTIMP</u> <u>Gestation Imputation Flag</u> Blank ... Gestation is not imputed 1 ... Gestation is imputed
183-184	2	✓ <u>DGESTAT</u> <u>Gestation - Detail in Weeks</u> 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 <i>Missing</i>
185-186	2	<u>GESTAT10</u>

2002
Detail Natality Record

<u>Tape</u> <u>Location</u>	<u>Field</u> <u>Size</u>	<u>Item and Code Outline</u>
		<u>Gestation Recode 10</u>
		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	<u>GESTAT3</u> <u>Gestation Recode 3</u>
		1 ... Under 37 weeks
		2 ... 37 weeks and over
		3 ... Not stated
188	1	<u>CSEXIMP</u> <u>Sex Imputation Flag</u>
		Blank ... Sex is not imputed
		1 ... Sex is imputed
189	1	<u>CSEX</u> <u>Sex</u>
		1 ... Male
		2 ... Female
190-192	3	<u>RD</u> <u>Reserved Positions</u>
193-196	4	<u>DBIRWT</u> <u>Birth Weight - Detail in Grams</u>
		0227-8165 ... Number of grams
		9999 ... Not stated birth weight
197-198	2	<u>BIRWT12</u> <u>Birth Weight Recode 12</u>
		01 ... 499 grams or less
		02 ... 500 - 999 grams
		03 ... 1000 - 1499 grams
		04 ... 1500 - 1999 grams
		05 ... 2000 - 2499 grams
		06 ... 2500 - 2999 grams
		07 ... 3000 - 3499 grams
		08 ... 3500 - 3999 grams
		09 ... 4000 - 4499 grams
		10 ... 4500 - 4999 grams
		11 ... 5000 - 8165 grams
		12 ... Not stated
199	1	<u>BIRWT4</u>

**2002
Detail Natality Record**

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		<u>Birth Weight Recode 4</u>
		1 ... 1499 grams or less
		2 ... 1500 - 2499 grams
		3 ... 2500 - grams or more
		4 ... Unknown or not stated
200	1	<u>PLURIMP</u> <u>Plurality Imputation Flag</u>
		Blank ... Plurality is not imputed
		1 ... Plurality is imputed
201	1	<u>DPLURAL</u> <u>Plurality</u>
		1 ... Single
		2 ... Twin
		3 ... Triplet
		4 ... Quadruplet
		5 ... Quintuplet or higher
202-204	3	<u>R6</u> <u>Reserved positions</u>
		Item was dropped in 1995
205-206	2	<u>FMAPS</u> <u>Five Minute Apgar Score</u>
		Apgar Score is not reported by all areas. See reporting flags.
		00-10 ... A score of 0-10
		99 ... Unknown or not stated
207	1	<u>FMAPSR</u> <u>Five Minute Apgar Score Recode</u>
		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	 <u>CLINGEST</u>

2002
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		<u>Clinical Estimate of Gestation</u>
		Clinical estimate is not reported by all areas. See reporting flags.
		17-47 ... Estimated gestation in weeks
		99 ... Unknown or not stated
210-216	7	<u>R4</u>
		<u>Reserved Positions</u>
217-306	90	<u>MEDINFO</u>
		<u>Medical and Health Data</u>
		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	<u>DELMETH</u>
		<u>Method of Delivery</u>
		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	<u>VAGINAL</u>
		<u>Vaginal</u>
218	1	<u>VBAC</u>
		<u>Vaginal birth after previous C-section</u>
219	1	<u>PRIMAC</u>
		<u>Primary C -section</u>
220	1	<u>REPEAC</u>
		<u>Repeat C -section</u>
221	1	<u>FORCEP</u>
		<u>Forceps</u>
222	1	<u>VACUUM</u>
		<u>Vacuum</u>
223	1	<u>R5</u>
		<u>Reserved Position</u>
224	1	<u>DELMETH5</u>
		<u>Method of Delivery Recode</u>

2002
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		1 ... Vaginal (excludes vaginal after previous C-section) 2 ... Vaginal birth after previous C-section 3 ... Primary C -section 4 ... Repeat C -section 5 ... Not stated
225-241	17	<u>MEDRISK</u> <u>Medical Risk Factors</u> Each risk factor is assigned a separate position, and the code structure for each risk factor (position) is: 1 ... Factor reported 2 ... Factor not reported 8 ... Factor not on certificate 9 ... Factor not classifiable
225	1	<u>ANEMIA</u> <u>Anemia (Hct.<30/Hgb.<10)</u>
226	1	<u>CARDIAC</u> <u>Cardiac disease</u>
227	1	<u>LUNG</u> <u>Acute or chronic lung disease</u>
228	1	<u>DIABETES</u> <u>Diabetes</u>
229	1	<u>HERPES</u> <u>Genital herpes</u>
230	1	<u>HYDRA</u> <u>Hydramnios/Oligohydramnios</u>
231	1	<u>HEMO</u> <u>Hemoglobinopathy</u>
232	1	<u>CHYPER</u> <u>Hypertension, chronic</u>
233	1	<u>PHYPER</u> <u>Hypertension, pregnancy-associated</u>
234	1	<u>ECLAMP</u> <u>Eclampsia</u>
235	1	<u>INCERVIX</u> <u>Incompetent cervix</u>
236	1	<u>PRE4000</u> <u>Previous infant 4000+ grams</u>
237	1	<u>PRETERM</u> <u>Previous preterm or small-for-gestational-age infant</u>

2002
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
238	1	<u>RENAL</u> <u>Renal disease</u>
239	1	<u>RH</u> <u>Rh sensitization</u>
240	1	<u>UTERINE</u> <u>Uterine bleeding</u>
241	1	<u>OTHERMR</u> <u>Other Medical Risk Factors</u>
242-252	11	<u>OTHERRSK</u> <u>Other Risk Factors for this Pregnancy</u>
242-245	4	<u>TOBACRSK</u> <u>Tobacco Risks</u>
242	1	<u>TOBACCO</u> <u>Tobacco Use During Pregnancy</u>
		1 ... Yes
		2 ... No
		9 ... Unknown or not stated
243-244	2	<u>CIGAR</u> <u>Average Number of Cigarettes Per Day</u>
		00-97 ... As stated
		98 ... 98 or more cigarettes per day
		99 ... Unknown or not stated
245	1	<u>CIGAR6</u> <u>Average Number of Cigarettes Per Day Recode</u>
		0 ... Nonsmoker
		1 ... 1 - 5 cigarettes per day
		2 ... 6 - 10 cigarettes per day
		3 ... 11 - 20 cigarettes per day
		4 ... 21 - 40 cigarettes per day
		5 ... 41 or more cigarettes per day
		6 ... Unknown or not stated
246-249	4	<u>ALCOHRSK</u> <u>Alcohol</u>
246	1	<u>ALCOHOL</u> <u>Alcohol Use During Pregnancy</u>
		1 ... Yes
		2 ... No
		9 ... Unknown or not stated
247-249	2	<u>DRINK</u> <u>Average Number of Drinks Per Week</u>
		00-97 ... As stated

2002
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		98 ... 98 or more drinks per week 99 ... Unknown or not stated
249	1	<u>DRINK5</u> <u>Average Number of Drinks Per Week Recode</u> 0 ... Non drinker 1 ... 1 drink per week 2 ... 2 drinks per week 3 ... 3 - 4 drinks per week 4 ... 5 or more drinks per week 5 ... Unknown or not stated
250-252	3	<u>WTGANRSK</u> <u>Weight Gain During Pregnancy</u>
250-251	2	<u>WTGAIN</u> <u>Weight Gain</u> 00-97 ... Stated number of pounds 98 ... 98 pounds or more 99 ... Unknown or not stated
252	1	<u>WTGAIN9</u> <u>Weight Gain Recode</u> 1 ... Less than 16 pounds 2 ... 16 - 20 pounds 3 ... 21 - 25 pounds 4 ... 26 - 30 pounds 5 ... 31 - 35 pounds 6 ... 36 - 40 pounds 7 ... 41 - 45 pounds 8 ... 46 or more pounds 9 ... Unknown or not stated
253-259	7	<u>OBSTETRC</u> <u>Obstetric Procedures</u> Each procedure is assigned a separate position, and the code structure for each procedure (position) is: 1 ... Procedure reported 2 ... Procedure not reported 8 ... Procedure not on certificate 9 ... Procedure not classifiable
253	1	<u>AMNIO</u> <u>Amniocentesis</u>
254	1	<u>MONITOR</u> <u>Electronic fetal monitoring</u>

2002
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
255	1	<u>INDUCT</u> <u>Induction of labor</u>
256	1	<u>STIMULA</u> <u>Stimulation of labor</u>
257	1	<u>TOCOL</u> <u>Tocolysis</u>
258	1	<u>ULTRAS</u> <u>Ultrasound</u>

2002
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
259	1	<u>OTHEROB</u> <u>Other Obstetric Procedures</u>
260-275	16	<u>LABOR</u> <u>Complications of Labor and/or Delivery</u> Each complication is assigned a separate position, and the code structure for each complication (position) is: <div style="margin-left: 40px;"> 1 ... Complication reported 2 ... Complication not reported 8 ... Complication not on certificate 9 ... Complication not classifiable </div>
260	1	<u>FEBRILE</u> <u>Febrile (>100 degrees F. or 38 degrees C.)</u>
261	1	<u>MECONIUM</u> <u>Meconium, moderate/heavy</u>
262	1	<u>RUPTURE</u> <u>Premature rupture of membrane (>12 hours)</u>
263	1	<u>ABRUPTIO</u> <u>Abruptio placenta</u>
264	1	<u>PREPLACE</u> <u>Placenta previa</u>
265	1	<u>EXCEBLD</u> <u>Other excessive bleeding</u>
266	1	<u>SEIZURE</u> <u>Seizures during labor</u>
267	1	<u>PRECIP</u> <u>Precipitous labor (<3 hours)</u>
268	1	<u>PROLONG</u> <u>Prolonged labor (>20 hours)</u>
269	1	<u>DYSFUNC</u> <u>Dysfunctional labor</u>
270	1	<u>BREECH</u> <u>Breech/Malpresentation</u>
271	1	<u>CEPHALO</u> <u>Cephalopelvic disproportion</u>
272	1	<u>CORD</u> <u>Cord prolapse</u>
273	1	<u>ANESTHE</u> <u>Anesthetic complications</u>
274	1	<u>DISTRESS</u> <u>Fetal distress</u>

2002
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
275	1	<u>OTHERLB</u> <u>Other Complication of Labor and/or Delivery</u>
276-284	9	<u>NEWBORN</u> <u>Abnormal Conditions of the Newborn</u> Each condition is assigned a separate position, and the code structure for each condition (position) is: <div style="margin-left: 40px;"> 1 ... Condition reported 2 ... Condition not reported 8 ... Condition not on certificate 9 ... Condition not classifiable </div>
276	1	<u>NANEMIA</u> <u>Anemia (Hct.<39/Hgb.<13)</u>
277	1	<u>INJURY</u> <u>Birth injury</u>
278	1	<u>ALCOSYN</u> <u>Fetal alcohol syndrome</u>
279	1	<u>HYALINE</u> <u>Hyaline membrane disease</u>
280	1	<u>MECONSYN</u> <u>Meconium aspiration syndrome</u>
281	1	<u>VENL30</u> <u>Assisted ventilation, less than 30 minutes</u>
282	1	<u>VEN30M</u> <u>Assisted ventilation, 30 minutes or more</u>
283	1	<u>NSEIZ</u> <u>Seizures</u>
284	1	<u>OTHERAB</u> <u>Other Abnormal Conditions of the Newborn</u>

2002
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>												
285-306	22	<p><u>CONGENIT</u> <u>Congenital Anomalies</u></p> <p>Each anomaly is assigned a separate position, and the code structure for each anomaly (position) is:</p> <table> <tr> <td>1</td><td>...</td><td>Anomaly reported</td></tr> <tr> <td>2</td><td>...</td><td>Anomaly not reported</td></tr> <tr> <td>8</td><td>...</td><td>Anomaly not on certificate</td></tr> <tr> <td>9</td><td>...</td><td>Anomaly not classifiable</td></tr> </table>	1	...	Anomaly reported	2	...	Anomaly not reported	8	...	Anomaly not on certificate	9	...	Anomaly not classifiable
1	...	Anomaly reported												
2	...	Anomaly not reported												
8	...	Anomaly not on certificate												
9	...	Anomaly not classifiable												
285	1	<p><u>ANEN</u> <u>Anencephalus</u></p>												
286	1	<p><u>SPINA</u> <u>Spina bifida/Meningocele</u></p>												
287	1	<p><u>HYDRO</u> <u>Hydrocephalus</u></p>												
288	1	<p><u>MICROCE</u> <u>Microcephalus</u></p>												
289	1	<p><u>NERVOUS</u> <u>Other central nervous system anomalies</u></p>												
290	1	<p><u>HEART</u> <u>Heart malformations</u></p>												
291	1	<p><u>CIRCUL</u> <u>Other circulatory/respiratory anomalies</u></p>												
292	1	<p><u>RECTAL</u> <u>Rectal atresia/stenosis</u></p>												
293	1	<p><u>TRACHEO</u> <u>Tracheo - esophageal fistula/Esophageal atresia</u></p>												
294	1	<p><u>OMPHALO</u> <u>Omphalocele/Gastroschisis</u></p>												
295	1	<p><u>GASTRO</u> <u>Other gastrointestinal anomalies</u></p>												
296	1	<p><u>GENITAL</u> <u>Malformed genitalia</u></p>												
297	1	<p><u>RENALAGE</u> <u>Renal agenesis</u></p>												
298	1	<p><u>UROGEN</u> <u>Other urogenital anomalies</u></p>												
299	1	<p><u>CLEFTLP</u> <u>Cleft lip/palate</u></p>												
300	1	<p><u>ADACTYLY</u> <u>Polydactyly/Syndactyly/Adactyly</u></p>												

2002
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
301	1	<u>CLUBFOOT</u> <u>Club foot</u>
302	1	<u>HERNIA</u> <u>Diaphragmatic hernia</u>
303	1	<u>MUSCULO</u> <u>Other musculoskeletal/integumental anomalies</u>
304	1	<u>DOWNS</u> <u>Down's syndrome</u>
305	1	<u>CHROMO</u> <u>Other chromosomal anomalies</u>
306	1	<u>OTHERCON</u> <u>Other Congenital Anomalies</u>
307-326	20	<u>FLRES</u> <u>Reporting Flags for Place of Residence</u> These positions contain flags to indicate whether or not the specified item is included 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	<u>ORIGM</u> <u>Origin of mother</u>
308	1	<u>ORIGF</u> <u>Origin of father</u>
309	1	<u>EDUCM</u> <u>Education of mother</u>
310	1	<u>EDUCF</u> <u>Education of father</u>
311	1	<u>GESTE</u> <u>Clinical estimate of gestation</u>
312	1	<u>R6A</u> <u>Reserved position</u>
313	1	<u>FMAPSRF</u> <u>5 - minute Apgar score</u>
314	1	<u>DELMETRF</u> <u>Method of delivery</u>
315	1	<u>MEDRSK</u> <u>Medical risk factors</u>

2002
Detail Natality Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
316	1	<u>TOBUSE</u> <u>Tobacco use</u>
317	1	<u>ALCUSE</u> <u>Alcohol use</u>
318	1	<u>WTGN</u> <u>Weight gain</u>
319	1	<u>OBSTRC</u> <u>Obstetric procedures</u>
320	1	<u>CLABOR</u> <u>Complications of labor and/or delivery</u>
321	1	<u>ABNML</u> <u>Abnormal conditions of newborn</u>
322	1	<u>CONGAN</u> <u>Congenital anomalies</u>
323	1	<u>R6</u> <u>Reserved Position</u>
324	1	<u>EDUCMSA</u> <u>Education of Mother (Based on MSA)</u>
325	1	<u>APIFLAG</u> <u>Race codes 18-68 reported (beginning with 1992 data)</u>
326-346	21	<u>R7</u> <u>Reserved positions</u>
347-349	3	<u>SMSARES</u> <u>PSMA/MSA of Residence (NCHS)</u> Primary Metropolitan Statistical Areas and Metropolitan Statistical Areas are those defined by the U.S. Office of Management and Budget (OMB) as of June 30, 1990. For New England, the New England County Metropolitan Areas (NECMA's) are used. Further back in this document is a list of PMSA's, MSA's, NECMA's, and their component counties. 000 ... Nonmetropolitan counties 001-320 ... Code range 999 ... Area of less than 100,000 population ZZZ ... Foreign residents
350	1	<u>POPSMAS</u> <u>PMSA/MSA Population Size</u>

2002
Detail Natality Record

**Tape
Location**

**Field
Size**

Item and Code Outline

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