Tape Location	Field Size	Item and Code Outline

1-4   4   **DATAYEAR**
Year Birth of Child (Data Year)

    2001   ...   2001

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: 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.

Tape Location	Field Size	Item and Code Outline
6	1	**RESTATUS**
		Resident Status (Cont'd)

Virgin Islands occurrence

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.

Guam occurrence

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.

American Samoa occurrence

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.

Tape Location	Field Size	Item and Code Outline

6   **1**

RESTATUS
Resident Status (Cont'd)

Northern Marianas occurrence

1   ...   RESIDENTS: Territory and county equivalent of occurrence and residence are the same.

2   ...   INTRATERRITORY NONRESIDENTS: Territory of occurence 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

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

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

Tape Location	Field Size	Item and Code Outline

| | | 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
  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
    5    ...           Rhode Island
    6    ...           Connecticut
  2      ...       Middle Atlantic
    1    ...           New York
    2    ...           New Jersey
    3    ...           Pennsylvania
2        ...   MIDWEST
  3      ...       East North Central
    1    ...           Ohio
    2    ...           Indiana
    3    ...           Illinois
    4    ...           Michigan
    5    ...           Wisconsin
  4      ...       West North Central
    1    ...           Minnesota
    2    ...           Iowa
    3    ...           Missouri
    4    ...           North Dakota
    5    ...           South Dakota
    6    ...           Nebraska
    7    ...           Kansas
3        ...   SOUTH
```

Tape Location	Field Size	Item and Code Outline

		5 ... <u>South Atlantic</u>
		1 ... Delaware
		2 ... Maryland

13   1   **STSUBOCC**
State Subcode of Occurrence (Cont'd)

```
        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
    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
```

Tape Location	Field Size	Item and Code Outline

		08 ... Delaware
		09 ... District of Columbia
		10 ... Florida
		11 ... Georgia
		12 ... Hawaii
		13 ... Idaho
		14 ... Illinois

14-15   2   **STNATEXP**
Expanded State of Occurrence (Cont'd)

```
15     ...   Indiana
16     ...   Iowa
17     ...   Kansas
18     ...   Kentucky
19     ...   Louisiana
20     ...   Maine
21     ...   Maryland
22     ...   Massachusetts
23     ...   Michigan
24     ...   Minnesota
25     ...   Mississippi
26     ...   Missouri
27     ...   Montana
28     ...   Nebraska
29     ...   Nevada
30     ...   New Hampshire
31     ...   New Jersey
32     ...   New Mexico
33     ...   New York
34     ...   New York city
35     ...   North Carolina
36     ...   North Dakota
37     ...   Ohio
38     ...   Oklahoma
39     ...   Oregon
40     ...   Pennsylvania
41     ...   Rhode Island
42     ...   South Carolina
43     ...   South Dakota
44     ...   Tennessee
45     ...   Texas
46     ...   Utah
47     ...   Vermont
48     ...   Virginia
49     ...   Washington
50     ...   West Virginia
51     ...   Wisconsin
52     ...   Wyoming
```

Puerto Rico
53   ... Puerto Rico

Virgin Islands
54   ... Virgin Islands

Guam

2001
Detail Natality Record

Tape Location	Field Size	Item and Code Outline
		55 ... Guam
		American Samoa
		62 ... American Samoa
		Northern Marianas
		63 ... Northern Marianas
16-17	2	**STATENAT**
		State of Occurrence
		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
		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
		44 ... Texas
		45 ... Utah
		46 ... Vermont
		47 ... Virginia
		48 ... Washington
		49 ... West Virginia
		50 ... Wisconsin
		51 ... Wyoming

16-17   2   **STATENAT**
State of Occurrence (Cont'd)

Puerto Rico
52   ...   Puerto Rico

Virgin Islands
53   ...   Virgin Islands

Guam
54   ...   Guam

American Samoa
61   ...   American Samoa

Northern Marianas
62   ...   Northern Marianas

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.

Tape Location	Field Size	Item and Code Outline

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
48	...	Texas

Tape Location	Field Size	Item and Code Outline

21-22   2   **STOCCFIP**
State of Occurrence (FIPS) (Cont'd)

                    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

              American Samoa
                    60   ...   American Samoa

              Northern Marianas
                    69   ...   Northern Marianas

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

Tape Location	Field Size	Item and Code Outline

| | | 2   ...   County of   250,000 to   500,000 |
| | | 3   ...   County of   100,000 to   250,000 |

| 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
  4       ...     West North Central
    1     ...       Minnesota
    2     ...       Iowa
    3     ...       Missouri
    4     ...       North Dakota
```

Tape Location	Field Size	Item and Code Outline

```
                              5     ...        South Dakota
                              6     ...        Nebraska
                              7     ...        Kansas
                          3         ...     SOUTH
                            5       ...        South Atlantic
                              1     ...          Delaware
                              2     ...          Maryland
```

29   1   **STSUBRES**
                           State Subcode of Residence (Cont'd)

```
                              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
                            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
```

Tape Location	Field Size	Item and Code Outline
		05 ... California
		06 ... Colorado
		07 ... Connecticut
		08 ... Delaware
		09 ... District of Columbia
		10 ... Florida
		11 ... Georgia
		12 ... Hawaii
		13 ... Idaho
30-31	2	**STRESEXP** **Expanded State of Residence (Cont'd)**
		14 ... Illinois
		15 ... Indiana
		16 ... Iowa
		17 ... Kansas
		18 ... Kentucky
		19 ... Louisiana
		20 ... Maine
		21 ... Maryland
		22 ... Massachusetts
		23 ... Michigan
		24 ... Minnesota
		25 ... Mississippi
		26 ... Missouri
		27 ... Montana
		28 ... Nebraska
		29 ... Nevada
		30 ... New Hampshire
		31 ... New Jersey
		32 ... New Mexico
		33 ... New York
		34 ... New York City
		35 ... North Carolina
		36 ... North Dakota
		37 ... Ohio
		38 ... Oklahoma
		39 ... Oregon
		40 ... Pennsylvania
		41 ... Rhode Island
		42 ... South Carolina
		43 ... South Dakota
		44 ... Tennessee
		45 ... Texas
		46 ... Utah
		47 ... Vermont
		48 ... Virginia
		49 ... Washington
		50 ... West Virginia
		51 ... Wisconsin
		52 ... Wyoming
		53-58,60, 62,63 ... Foreign Residents
		53 ... Puerto Rico
		54 ... Virgin Islands

Tape Location	Field Size	Item and Code Outline

```
                        55                    ...    Guam
                        62        ...    American Samoa
                                 63          ...    Northern Marianas
                        56        ...    Canada
                        57        ...    Cuba
                        58        ...    Mexico
                        60        ...    Remainder of the world
```

30-31	2	**STRESEXP** **Expanded State of Residence (Cont'd)**

Puerto Rico occurrence
```
  53              ...        Puerto Rico
  01-52,54-58,
    60,62,63      ...        Foreign residents: Refer
                             to U.S. for specific code
                             structure.
```

Virgin Islands occurrence
```
  54              ...        Virgin Islands
  01-53,55-58,
    60,62,63      ...        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.

  53-54,56-58,
    60,62,63      ...        Foreign residents:  Refer
                             to U.S. for specific code
                             structure.
```

American Samoa occurrence
```
  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.
```

Northern Marianas occurrence
```
  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.
```

Tape Location	Field Size	Item and Code Outline

STATERES
State of Residence

32-33   2

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

32-33   2   **STATERES**

State of Residence (Cont'd)

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

Tape Location	Field Size	Item and Code Outline

```
                              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
```

32-33   2   **STATERES**

State of Residence (Cont'd)

Puerto Rico occurrence

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

Virgin Islands occurrence

```
53              ...    Virgin Islands
01-52,54-57,59, ...    Foreign Residents:  Refer to
61,62                  U.S. for specific code
                       structure.
```

Guam occurrence

```
54              ...    Guam
01-51           ...    U.S. resident is also
                       considered a resident of
                       Guam.
52-53,55-57,59, ...    Foreign Residents:  Refer to
61,62                  U.S. for specific code
                       structure.
```

American Samoa occurrence

```
61              ...    American Samoa
01-51           ...    U.S. resident is also
                       considered a resident of
                       American Samoa
52-57,59,62     ...    Foreign Residents:  Refer to
                       U.S. for specific code
                       structure.
```

Northern Marianas occurrence

```
62                                  ...    Northern
                       Marianas
```

Tape Location	Field Size	Item and Code Outline

| | | 01-51 ... U.S resident is also considered a resident of Northern Marianas. |
| | | 52-57,59,61 ... 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

| 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 |

Tape Location	Field Size	Item and Code Outline

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 resident

| 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: VIRGIN ISLANDS, GUAM, NORTHERN MARIANAS AND AMERICAN SAMOA DO NOT HAVE ANY METROPOLITAN AREAS

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

| 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)

        00   ...   Foreign residents
        01   ...   Alabama

(22)

Tape Location	Field Size	Item and Code Outline

		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

42-43   2   **STRESFIP**
State of Residence (FIPS)(Cont'd)

		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

(23)

Tape Location	Field Size	Item and Code Outline

00-56,60,66,78,69 ... Foreign Residents: Refer to U.S. for specific code structure
72   ... Puerto Rico

Virgin Islands occurrence

00-56,60,66,72,69 ... Foreign Residents: Refer to U.S. for specific code structure
78   ... Virgin Islands

Guam occurrence

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

American Samoa occurrence
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

42-43   2   **STRESFIP**
State of Residence (FIPS)(Cont'd)

Northern Marianas occurrence
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

44-46   3   **CNTYRFIP**
County of Residence (FIPS)

001-nnn   ...   Counties and county equivalents

(24)

Tape Location	Field Size	Item and Code Outline
		(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 Natality 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

Tape Location	Field Size	Item and Code Outline

		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

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

| 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 10-54 code range.

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

Tape Location	Field Size	Item and Code Outline
69	1	**MAGEIMP** **Age of Mother Imputation Flag**

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

Tape Location	Field Size	Item and Code Outline
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.

10-54	...	Age in single years

Tape Location	Field Size	Item and Code Outline
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

Tape Location	Field Size	Item and Code Outline
72-73	2	**MAGE36** **Age of Mother Recode 36 (Cont'd)**

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

Tape Location	Field Size	Item and Code Outline

		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

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
14  ...   50 - 54 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
5  ...   30 - 34 years
6  ...   35 - 39 years
7  ...   40 - 44 years
8  ...   45 - 49 years
```

(28)

Tape Location	Field Size	Item and Code Outline

9 ... 50 – 54 years

77	1	**ORMOTH** **Hispanic Origin of Mother**

Hispanic origin 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
```

78	1	**ORRACEM** **Hispanic Origin and Race of Mother Recode**

Hispanic origin 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 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
```

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

Tape **Location**	Field **Size**	**Item and Code Outline**

(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
00	...	Other races

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

80-81	2	**MRACE** **Race of Mother (Cont'd)**

Guam occurrence

Tape Location	Field Size	Item and Code Outline

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

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

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
   ... Other Asian or Pacific Islander

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

Tape Location	Field Size	Item and Code Outline

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
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 Islands/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
```

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
44	...	Texas
45	...	Utah
46	...	Vermont
47	...	Virginia
48	...	Washington
49	...	West Virginia
50	...	Wisconsin
51	...	Wyoming
52	...	Puerto Rico
53	...	Virgin Islands

Tape Location	Field Size	Item and Code Outline

		54 ... Guam
		61 ... American Samoa
88-89	2	**MPLBIR**
		Place of Birth of Mother (Cont'd)

		62 ... Northern Marianas
		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
		10-54 ... 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

| 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

Tape Location	Field Size	Item and Code Outline

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
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

Tape Location	Field Size	Item and Code Outline

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

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

NPREVIS
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

2001
Detail Natality Record

Tape Location	**Field Size**	**Item and Code Outline**

```
                    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
```

2001
Detail Natality Record

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

Tape Location	Field Size	Item and Code Outline
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

Tape Location	Field Size	Item and Code Outline
118-121	4	**LMPYR** **Year Last Normal Menses Began**

2000	...	2000
2001	...	2001
9999	...	Unknown or not stated year of LMP

Tape Location	Field Size	Item and Code Outline
122-132	11	**R8** **Reserved Positions**
133-137	5	**Imputed Birthweight (applicable to denominator for** **Linked Birth/Death file only)** Created beginning with 1995 data
133	1	**BWIMP (applicable to denominator for linked Birth/Death** **file only)** **Imputed Birthweight Flag**

Blank	...	Birthweight is not imputed
1	...	Birthweight is imputed

Tape Location	Field Size	Item and Code Outline
134-137	4	**Imputed Birthweight (applicable to denominator for** **Linked Birth/Death file only)**

0227-8165	...	Number of grams

Tape Location	Field Size	Item and Code Outline

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

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, 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

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, 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
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

Tape Location	Field Size	Item and Code Outline

160-161   2

FRACE
Race of Father (Cont'd)

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

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

Tape Location	Field Size	Item and Code Outline
		03 ... American Indian (includes Aleuts and Eskimos
		04 ... Chinese
		05 ... Japanese
		06 ... Hawaiian (includes part-Hawaiian)
		07 ... Filipino
		08 ... Other Asian or Pacific Islander

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

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

172-173   2   **BIRMON**
                           Month of Birth

                   01   ...   January
                   02   ...   February
                   03   ...   March
                   04   ...   April

Tape Location	Field Size	Item and Code Outline
		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 |
| | | 2001   ...   2001 |

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

| 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.

Tape Location	Field Size	Item and Code Outline

| | | 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 |

189 1 **CSEX**
Sex

| 1 | ... | Male |
| 2 | ... | Female |

190-192 3 **RD**
Reserved Positions

193-196 4 **DBIRWT**
Birthweight - Detail in Grams

| 0227-8165 | ... | Number of grams |
| 9999 | ... | Not stated birthweight |

197-198 2 **BIRWT12**
Birthweight Recode 12

Tape Location	Field Size	Item and Code Outline

<table>
<tr><td></td><td></td><td>01 ... 499 grams or less</td></tr>
<tr><td></td><td></td><td>02 ... 500 - 999 grams</td></tr>
<tr><td></td><td></td><td>03 ... 1000 - 1499 grams</td></tr>
<tr><td></td><td></td><td>04 ... 1500 - 1999 grams</td></tr>
<tr><td></td><td></td><td>05 ... 2000 - 2499 grams</td></tr>
<tr><td></td><td></td><td>06 ... 2500 - 2999 grams</td></tr>
<tr><td></td><td></td><td>07 ... 3000 - 3499 grams</td></tr>
<tr><td></td><td></td><td>08 ... 3500 - 3999 grams</td></tr>
<tr><td></td><td></td><td>09 ... 4000 - 4499 grams</td></tr>
<tr><td></td><td></td><td>10 ... 4500 - 4999 grams</td></tr>
<tr><td></td><td></td><td>11 ... 5000 - 8165 grams</td></tr>
<tr><td></td><td></td><td>12 ... Not stated</td></tr>
</table>

Tape Location	Field Size	Item and Code Outline
199	1	**BIRWT4** **Birthweight 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
201	1	**DPLURAL** **Plurality** 1 ... Single 2 ... Twin 3 ... Triplet 4 ... Quadruplet 5 ... Quintuplet or higher
202-204	3	**R6** **Reserved positions**
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

Tape Location	Field Size	Item and Code Outline

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

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

Tape Location	Field Size	Item and Code Outline
221	1	**FORCEP** **Forceps**
222	1	**VACUUM** **Vacuum**
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

Tape Location	Field Size	Item and Code Outline
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

Tape Location	Field Size	Item and Code Outline
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
```

| 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 |

Tape Location	Field Size	Item and Code Outline

```
                                    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
```

247-248 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
```

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**

Tape Location	Field Size	Item and Code Outline

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

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,

Tape Location	Field Size	Item and Code Outline
		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)**
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**

Tape Location	Field Size	Item and Code Outline
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**
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**

Tape Location	Field Size	Item and Code Outline
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**
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**

```
                              2001
                       Detail Natality Record


Tape               Field
Location           Size              Item and Code Outline


   306               1              OTHERCON
                                    Other Congenital Anomalies

   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

   318               1              WTGN
                                    Weight gain

   319               1              OBSTRC
```

Tape Location	Field Size	Item and Code Outline

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
```

| 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
```