Birth Data Dictionary, 2015

Washington State Department of Health

Center for Health Statistics, April 2016

Field Field Column Field Data

No. Name Loc. Len. Type Description

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1 certno\_e 1-10 10 C Encrypted Birth Certificate Number

The first four digits indicate the year of birth.

2 certype 11-11 1 C Certificate Type

Before using this field, see “Data Quality Technical Notes - Certificate Type (Delayed Births).”

\*\*\*1980-Present\*\*\*

R - Regular

D - Delayed (Selected years)

O - Out-of-State

3 dob\_yr 12-15 4 N Year of Birth

\*\*\*1980-Present\*\*\*

9999 - Unknown/Not Stated

4 dob\_mo 16-17 2 N Month of Birth

\*\*\*1980-Present\*\*\*

01-12

99 - Unknown/Not Stated

5 birth\_hr 20-21 2 C Birth Hour

Time of birth in 24-hour format. Midnight has a value of ‘24’, any time after midnight but before 1 am has a value of ‘00’. Prior to mid 1992, out of state occurrences were not coded.

\*\*\*1993-Present\*\*\*

00-24

99 - Unknown/Not Stated

\*\*\*1980-1992\*\*\*

00-24

99 - Unknown/Not Stated

blank - Not Coded

6 sex 22-22 1 C Sex of Child

\*\*\*1980-Present\*\*\*

F - Female

M - Male

U - Unknown

7 plural 23-23 1 C Plurality

Number of children born.

\*\*\*1980-Present\*\*\*

1 - Single

2 - Twin

3 - Triplet

4 - Quadruplet

5 - Quintuplet

6 - Sextuplet

7 - Septuplet

8 - Octuplet

9 - Unknown

8 city\_occ 24-27 4 C County and City of Occurrence

City in which the birth occurred. If the birth occurred in Washington State, this field will be greater than “0000.”

If a birth occurs in a place with a population less than 2,500, it is assigned to the rural portion of the county.

Note: Use this field to select births occurring in a specific county or city. See the County and City of Residence (city\_res) to select by place of residence. Before using this field, see “Data Quality Technical Notes -

City/County/State of Residence and Occurrence” and see “How to Use the Data” in TECHDOC\GUIDE

\*\*\*1980-Present\*\*\*

0000 - Non-Washington State or Unknown

0100 - Adams County rural

0103 - Othello

0200 - Asotin County rural

0203 - Clarkston

0300 - Benton County rural

0301 - Kennewick

0302 - Richland

0303 - Prosser

0304 - West Richland(1981-Present)

0305 – Benton City (2001-Present)

0400 - Chelan County rural

0402 - Wenatchee

0403 - Chelan

0404 - Cashmere (1992-Present)

0500 - Clallam County rural

0501 - Forks(1981-Present)

0502 - Port Angeles

0503 - Sequim

0600 - Clark County rural

0602 - Vancouver

0603 - Camas

0604 - Washougal

0605 - Battle Ground

0606 – Ridgefield (2006-Present)

0607 – La Center (2009-present)

0700 - Columbia County rural

0703 - Dayton(1980-1989,

1992-Present)

0800 - Cowlitz County rural

0802 - Longview

0803 - Kelso

0804 - Woodland(1984-Present)

0805 – Kalama (2010 – Present)

0900 - Douglas County rural

0901 - East Wenatchee(1992-Present)

1000 - Ferry County rural

1100 - Franklin County rural

1102 - Pasco

1103 - Connell (1994-Present)

1200 - Garfield County rural

1300 - Grant County rural

1304 - Ephrata

1305 - Moses Lake

1306 - Quincy

1307 – Mattawa (2001-Present)

1308 – Warden (2001-Present)

1400 - Grays Harbor County rural

1401 - Aberdeen

1402 - Hoquiam

1403 - Montesano

1404 - Elma(1980-1984,1992-Present)

1405 - Ocean Shores(1993-Present)

1500 - Island County rural

1503 - Oak Harbor

1600 - Jefferson County rural

1603 - Port Townsend

1700 - King County rural

1701 - Seattle

1702 - Renton

1703 - Auburn

1704 - Enumclaw

1705 - Kent

1706 - Kirkland

1707 - Bellevue

1708 - Normandy Park

1709 - Mercer Island

1710 - Redmond

1711 - Bothell

1712 - Clyde Hill(1981,1987,

1992-Present)

1713 - Des Moines

1714 - Issaquah

1715 - Lake Forest Park(1987- Present)

1716 - Medina

1717 - Tukwila

1718 - Pacific(1986-Present)

1719 - Federal Way(1990-Present)

1720 - SeaTac(1990-Present)

1721 - Duvall(1992-Present)

1722 - North Bend(1992-Present)

1723 - Burien(1993-Present)

1724 - Woodinville(1993-Present)

1725 - Newcastle (1995-Present)

1726 – Shoreline (1997-Present)

1727 – Black Diamond (1998-Present)

1728 – Covington (1998-Present)

1729 – Maple Valley (1998-Present)

1730 – Kenmore (2000-Present)

1731 – Sammamish (2000-Present

1732 – Algona (2001-Present)

1733 – Snoqualmie (2001-Present)

1800 - Kitsap County rural

1802 - Bremerton

1803 - Port Orchard

1804 - Poulsbo

1805 - Bainbridge Island(formerly Winslow)

(1985-Present)

1900 - Kittitas County rural

1903 - Ellensburg

2000 - Klickitat County rural

2003 - Goldendale

2100 - Lewis County rural

2103 - Centralia

2104 - Chehalis

2200 - Lincoln County rural

2300 - Mason County rural

2303 - Shelton

2400 - Okanogan County rural

2403 – Omak

2404 – Okanogan (2010 – present)

2500 - Pacific County rural

2503 - Raymond

2600 - Pend Oreille County rural

2700 - Pierce County rural

2701 - Tacoma

2702 - Puyallup

2703 - Sumner

2704 - Buckley

2705 - Fircrest

2706 - Bonney Lake

2707 - Milton

2708 - Steilacoom

2709 - Gig Harbor(1984-Present)

2710 - Fife(1987-Present)

2711 - Edgewood (1996-Present)

2712 - Lakewood (1996-Present)

2713 - University Place (1996- Present)

2714 – Orting (1997-Present)

2715 – DuPont (2001-Present)

2716 – Auburn (2006-Present)

2800 - San Juan County rural

2900 - Skagit County rural

2903 - Anacortes

2904 - Mount Vernon

2905 - Sedro Woolley

2906 - Burlington

3000 - Skamania County rural

3100 - Snohomish County rural

3101 - Arlington

3102 - Everett

3103 - Snohomish

3104 - Edmonds

3105 - Lynnwood

3106 - Marysville

3107 - Mountlake Terrace

3108 - Brier

3109 - Monroe

3110 - Mukilteo(1982-Present)

3111 - Mill Creek(1985-Present)

3112 - Lake Stevens(1988-Present)

3113 - Bothell(1993-Present)

3114 - Sultan (1994-Present)

3115 - Stanwood (1995-Present)

3116 – Granite Falls (2001-Present)

3200 - Spokane County rural

3201 - Spokane (City)

3203 - Medical Lake

3204 - Cheney

3205 - Airway Heights (1994- Present)

3206 - Deer Park (1994-Present)

3207 – Liberty Lake (2003-present)

3208 – Spokane Valley (2004-

Present)

3300 - Stevens County rural

3303 - Colville

3400 - Thurston County rural

3402 - Olympia

3403 - Tumwater

3404 – Lacey

3405 – Yelm (1998-Present)

3500 - Wahkiakum County rural

3600 - Walla Walla County rural

3602 - Walla Walla (City)

3603 - College Place

3700 - Whatcom County rural

3702 - Bellingham

3703 - Lynden

3704 - Ferndale

3705 - Blaine(1980,1990-Present)

3706 – Everson (2015-Present)

3800 - Whitman County rural

3802 - Pullman

3803 - Colfax

3900 - Yakima County rural

3902 - Yakima (City)

3903 - Sunnyside

3904 - Toppenish

3905 - Grandview

3906 - Wapato

3907 - Selah

3908 - Union Gap

3909 – Granger (2001-Present)

3910 – Zillah (2006-Present)

3911 – Moxee (2010 – present)

9 cnty\_occ 24-25 2 C County of Occurrence

County in which the birth occurred.

If the birth occurred in Washington State, this field will be greater than “00.”

Note: Use this field to select births occurring in a specific county. See the County of Residence (cnty\_res) to select by county of residence. Before using this field, see “Data Quality Technical Notes - City/County/State of Residence and Occurrence.”

\*\*\*1980-Present\*\*\*

00 - Non-Washington State or Unknown

01 - Adams County

02 - Asotin County

03 - Benton County

04 - Chelan County

05 - Clallam County

06 - Clark County

07 - Columbia County

08 - Cowlitz County

09 - Douglas County

10 - Ferry County

11 - Franklin County

12 - Garfield County

13 - Grant County

14 - Grays Harbor County

15 - Island County

16 - Jefferson County

17 - King County

18 - Kitsap County

19 - Kittitas County

20 - Klickitat County

21 - Lewis County

22 - Lincoln County

23 - Mason County

24 - Okanogan County

25 - Pacific County

26 - Pend Oreille County

27 - Pierce County

28 - San Juan County

29 - Skagit County

30 - Skamania County

31 - Snohomish County

32 - Spokane County

33 - Stevens County

34 - Thurston County

35 - Wahkiakum County

36 - Walla Walla County

37 - Whatcom County

38 - Whitman County

39 - Yakima County

10 facility 28-30 3 C Facility or Institution of Birth.

Before using this field, see “Data Quality Technical Notes - Facility of Birth.” For code table see EXCEL file “HOSPFAC”.

11 age\_mom 31-32 2 N Mother’s Age

Before using this field, see “Data Quality Technical Notes - Age (Mother, Father).”

\*\*\*1980-Present\*\*\*

99 - Not Stated

12 birplmom 33-34 2 C Mother’s Birth State

NCHS state code. In addition to the 50 states, the District of Columbia, the Virgin Islands, Cuba, Guam, Puerto Rico, Canada and Mexico also receive unique codes in this field.

\*\*\*1980-Present\*\*\*

01 - Alabama

02 - Alaska

03 - Arizona

04 - Arkansas

05 - California

06 - Colorado

07 - Connecticut

08 - Delaware

09 - District of Columbia

10 - Florida

11 - Georgia

12 - Hawaii

13 - Idaho

14 - Illinois

15 - Indiana

16 - Iowa

17 - Kansas

18 - Kentucky

19 - Louisiana

20 - Maine

21 - Maryland

22 - Massachusetts

23 - Michigan

24 - Minnesota

25 - Mississippi

26 - Missouri

27 - Montana

28 - Nebraska

29 - Nevada

30 - New Hampshire

31 - New Jersey

32 - New Mexico

33 - New York

34 - North Carolina

35 - North Dakota

36 - Ohio

37 - Oklahoma

38 - Oregon

39 - Pennsylvania

40 - Rhode Island

41 - South Carolina

42 - South Dakota

43 - Tennessee

44 - Texas

45 - Utah

46 - Vermont

47 - Virginia

48 - Washington

49 - West Virginia

50 - Wisconsin

51 - Wyoming

52 - Puerto Rico

53 - Virgin Islands

54 - Guam

55 - Canada

56 - Cuba

57 - Mexico

59 - Other Foreign

60 – American Samoa

69 - Marianas

90 - US (Unspecified)

91 - Refused to State

99 - Not Classifiable

13 city\_res 35-38 4 C County and City of Residence

Mother’s Residence. If the residence is in Washington State, this field will be greater than “0000.”

If the place of residence has a population less than 2,500, it is assigned to the rural portion of the county.

Note: Use this field to select births for residents in a specific county or city. See the County and City of Occurrence (city\_occ) to select by place of occurrence. Before using this field, see “Data Quality Technical Notes - City/County/State of Residence and Occurrence.”

For a list of the codes, see the county and city of occurrence (city\_occ) field.

14 cnty\_res 35-36 2 C County of Residence

Mother’s residence. If the birth occurred in Washington State, this field will be greater than “00.”

Note: Use this field to select births for residents in a specific county. See the County of Occurrence (cnty\_occ) to select by county of occurrence. Before using this field, see “Data Quality Technical Notes - City/County/State of Residence and Occurrence.”

For a list of the codes, see the county of occurrence (cnty\_occ) field.

15 age\_dad 39-40 2 N Father’s Age

Before using this field, see “Data Quality Technical Notes - Age (Mother, Father).”

\*\*\*1980-Present\*\*\*

99 - Not Stated

16 birpldad 41-42 2 C Father’s Birth State

NCHS state code. In addition to the 50 states, the District of Columbia, the Virgin Islands, Cuba, Guam, Puerto Rico, Canada and Mexico also receive unique codes in this field. For a list of codes, see the mother’s birth state (birplmom) field.

17 attclass 43-44 2 C Attendant Classification

Note that most Certified Nurse Midwives (CNM) practice in a hospital setting and most Licensed Midwives (LM) practice in a home setting. Lay midwives may act without a license if not charging or advertising.

Starting in 1985 this field will contain an entry only if the attendant is other than the certifier. Otherwise, this field will be blank. Before using this field, see “Data Quality Technical Notes - Attendant/Certifier Classification.”

\*\*\*1989-Present\*\*\*

00 - Hospital Administrator

01 - Physician, MD

02 - Licensed Midwife

03 - Osteopath, DO

04 - Father/Mother

05 - Certified Nurse Midwife

06 - Nurse

07 - Other Midwife

08 - Other

09 - Not Stated

Blank - Not Applicable

\*\*\*1987-1988\*\*\*

01 - Physician, MD

02 - Licensed Midwife

03 - Osteopath, DO

04 - Father/Mother

05 – Certified Nurse Midwife

06 - Nurse

07 - Other Midwife

08 - Other

09 - Not Stated

Blank - Not Applicable

\*\*\*1980-1986\*\*\*

01 - Physician, MD

02 - Licensed/Certified Midwife

03 - Osteopath, DO

04 - Father

05 - Mother

06 - Nurse

07 - Other Midwife

08 - Other

09 - Not Stated Blank - Not Applicable

18 race\_dad 45-45 1 C Father’s Race

Coding of race follows the National Center for Health Statistics (NCHS) guidelines. Before using this field, see “Data Quality Technical Notes - Race/Hispanic Origin (Mother, Father, Child).”

\*\*\*2003-Present\*\*\*

Uses race assigned by NCHS bridging methods (see Data Quality Technical Notes for description). Coding same as in previous years, plus:

Blank – Not processed by NCHS

\*\*\*1992-2002\*\*\*

1 - White

2 - Black

3 - Native American

4 - Chinese

5 - Japanese

6 - Other Non-White

7 - Filipino

8 - Refused to State

9 - Unknown/Not Stated

A - Hawaiian

B - Other Asian/Pacific Islander

C - Mexican/Chicano/Hispanic

D - Asian Indian

E - Korean

F - Samoan

G - Vietnamese

H - Guamanian

\*\*\*1988-1991\*\*\*

1 - White

2 - Black

3 - Native American

4 - Chinese

5 - Japanese

6 - Other Non-White

7 - Filipino

8 - Refused to State

9 - Unknown/Not Stated

A - Hawaiian

B - Other Asian/Pacific Islander

C - Mexican/Chicano/Hispanic

Note: Code ‘C’ has different meaning in 1980-1987.

\*\*\*1980-1987\*\*\*

1 - White

2 - Black

3 - Native American

4 - Chinese

5 - Japanese

6 - Other Non-White

7 - Filipino

8 - Refused to State

9 - Unknown/Not Stated

A - Hawaiian

B - Other Asian/Pacific Islander

C - Mexican/Chicano

Note: Code ‘C’ has different meaning in 1988-1991.

19 race\_mom 46-46 1 C Mother’s Race

Coding of race follows the NCHS guidelines. Before using this field, see “Data Quality Technical Notes - Race/Hispanic Origin (Mother, Father, Child).” For a list of the codes, see the Father’s Race (race\_dad) field.

20 raceccal 47-47 1 C Child’s Calculated Race

The race code given here is from the NCHS algorithm which uses mother’s and father’s race to derive a code for the child’s race.

Before using this field, see “Data Quality Technical Notes - Race/Hispanic Origin (Mother, Father, Child).” For a list of the codes, see the Father’s Race (race\_dad) field.

21 educ\_dad 48-49 2 N Father’s Education Level

Highest grade completed by the father.

\*\*\*2003-Present\*\*\*

01 – 8th grade or less (see dadle8ed, field 201)

02 – 9th-12th grade, no diploma

03 – High school graduate or GED

04 – Some college, no degree

05 – Associate degree

06 – Bachelor’s degree

07 – Master’s degree

08 – Doctorate or Professional degree

09 – Unknown (09 or 99?)

\*\*\*1992-2002\*\*\*

00 - No education

01 - Completed first grade

02 - Completed second grade

03 - Completed third grade

04 - Completed fourth grade

05 - Completed fifth grade

06 - Completed sixth grade

07 - Completed seventh grade

08 - Completed eighth grade

09 - Completed ninth grade

10 - Completed tenth grade

11 - Completed eleventh grade

12 - High school graduate

13 - Completed 1 year of college

14 - Completed 2 years of college

15 - Completed 3 years of college

16 - College graduate

17 - Post graduate work

99 - Unknown/Not stated

\*\*\*1980-1991\*\*\*

99 - Not Collected

22 educ\_mom 50-51 2 N Mother’s Education Level

Highest grade completed by the mother. For a list of the codes, see the father’s education level (educ\_dad) field.

23 lb\_nl 52-54 3 N Number of Prior Live Births, Now Living

Before using this field, see “Data Quality Technical Notes - Previous Pregnancy History.”

\*\*\*1989-Present\*\*\*

000 - None

099 - Unknown/Not Stated

\*\*\*1984-1988\*\*\*

099 - Not Collected

For related information see prior live births full term now living (lb\_f\_nl) and live births full term (lb\_f84)

\*\*\*1980-1983\*\*\*

000 - None

099 - Unknown/Not Stated

24 priorprg 55-57 3 N Total Prior Pregnancies. As of

2003, this field is calculated from prior pregnancy detail.

\*\*\*1980-Present\*\*\*

000 - None

999 - Unknown/Not Stated

25 pnatalmo 76-78 3 N Month Prenatal Care Began

Indicates the month from the beginning of the pregnancy at which Mother entered prenatal care. Before using this field, see “Data Quality Technical Notes - Month Prenatal Care Began.” As of

2003, this field is calculated from date of first prenatal visit (field 205) and menses date (field 151).

\*\*\*1992-Present\*\*\*

000 - None

001 to 010 - First through tenth month

999 - Unknown

\*\*\*1980-1991\*\*\*

000 - None

001 to 008 - First through eighth month

009 - Ninth month or greater

999 - Unknown

26 pnatalvs 79-81 3 N Number of Prenatal Visits

Indicates the number of prenatal visits for the entire pregnancy. The ‘95’ code was used until mid 1992.

\*\*\*1993-Present\*\*\*

000 - None

099 - Unknown/Not Stated

\*\*\*1980-1992\*\*\*

000 - None

095 - Some

099 - Unknown/Not Stated

27 married 82-82 1 C Marital Status of Mother

\*\*\*1980-Present\*\*\*

Y - Yes

N - No

U - Not Stated

28 wt\_grams 83-86 4 N Birth Weight of Baby - Grams

Indicates gram weight of infant. Pounds and ounces are converted as follows:

grams = [(lbs\*16)+oz]\*28.3495267

(Rounded to the nearest gram)

In 1980-1991 data was stored in units of pounds and ounces. This data has been converted to grams. Since one ounce is equivalent to 28 grams, the converted data will cluster in multiples of 28 grams. For more detail see “Data Quality Technical Notes - Birth Weight.”

\*\*\*1980-Present\*\*\*

9999 - Unknown/Not Stated

29 fac\_type 101-101 1 C Facility Type for Place of Birth. Note that ‘home’ can be the mother’s residence (the majority of records), another person’s residence, or a midwife’s place of business (if it’s her home and not a licensed birth center). For

further information please see the “Data Quality Technical Notes – Facility of Birth.”

\*\*\*2003-Present\*\*\*

1 - Hospital

2 - Enroute

3 - Birth Center

4 – Clinic/Doctor’s Office

5 – Home – Unknown Planning

6 – Other

7 – Home – Planned

8 – Home - Unplanned

9 - Unknown/Not Stated

Blank - Not Coded

\*\*\*1980-2002\*\*\*

1 - Hospital

2 - Enroute

3 - Birth Center

4 - Other Medical Facility

5 - Home

6 - Other

9 - Unknown/Not Stated

Blank - Not Coded

30 occm\_dad 102-104 3 C Father’s Occupation - Sam Milham code

Sam Milham occupation codes are obtained from a computer program which uses the occupation and industry literal fields. This program coded about 93-97% of the records; the remaining 3-7% need to be hand-coded. The hand coding has not been done for 1993-present and for a portion of the 1992 records. For further information please see the “Data Quality Technical Notes - Occupation (Milham Codes - Mother, Father).” For code table see ASCII file “occmil.asc”. Note: there are codes on the file which are invalid.

\*\*\*1993-Present\*\*\*

See “occmil.asc” for codes.

Note: About 7% not coded.

\*\*\*1992\*\*\*

See “occmil.asc” for codes. Note: About 3.5% not coded.

\*\*\*1980-1991\*\*\*

See “occmil.asc” for codes.

31 occm\_mom 105-107 3 C Mother’s Occupation - Sam Milham code

See Father’s Occupation - Sam Milham code (occm\_dad) field.

32 lb\_nd 108-110 3 N Number of Prior Live Births, Now Dead

Before using this field, see “Data Quality Technical Notes - Previous Pregnancy History.”

\*\*\*1989-Present\*\*\*

000 - None

099 - Unknown/Not Stated

\*\*\*1984-1988\*\*\*

099 - Not Collected

\*\*\*1980-1983\*\*\*

000 - None

099 - Unknown/Not Stated

33 fd\_lt20 111-113 3 N Fetal Deaths LT 20 Weeks

Number of spontaneous fetal deaths of less than 20 weeks gestation. Before using this field, see “Data Quality Technical Notes - Previous Pregnancy History.”

\*\*\*2003-present\*\*\*

Not Collected – see ‘Other Pregnancy Outcomes’ (field 202).

\*\*\*1980-2002\*\*\*

000 - None

099 - Unknown/Not Stated

34 fd\_ge20 114-116 3 N Fetal Deaths GE 20 Weeks

Number of spontaneous fetal deaths of 20 weeks gestation or later.

Before using this field, see “Data Quality Technical Notes - Previous Pregnancy History.”

\*\*\*2003-present\*\*\*

Not Collected – see ‘Other Pregnancy Outcomes’ (field 202).

\*\*\*1980-2002\*\*\*

000 - None

099 - Unknown/Not Stated

\*\*\*1984-1988\*\*\*

099 - Not Collected

For related information see fetal deaths 20-36 weeks (fd\_2036) and fetal deaths GE 37 weeks (fd\_ge37).

\*\*\*1983-1980\*\*\*

000 - None

099 - Unknown/Not Stated

35 apgar1 117-119 3 N APGAR Score - 1 minute

The numerical sum of points given for heart rate, respirator effort, muscle tone, reflexes and color. Score taken at 1 minute.

\*\*\*2003-present\*\*\*

Not Collected

\*\*\*1980-2002\*\*\*

000-010 - Score

999 - Unknown

36 apgar5 120-122 3 N APGAR Score - 5 minutes

The numerical sum of points given for heart rate, respirator effort, muscle tone, reflexes and color. Score taken at 5 minutes. Before

using this field, see “Data Quality Technical Notes – Apgar

Score (5 minutes).”

\*\*\*1980-Present\*\*\*

000-010 - Score

999 - Unknown

37 order 123-123 1 C Multiple Birth Order

\*\*\*1980-Present\*\*\*

0 - Single Birth

1 - First Born

2 - Second Born

3 - Third Born

...

9 - Unknown Order

38 crt\_clas 124-125 2 C Classification of Certifier

Before using this field, see “Data Quality Technical Notes - Attendant/Certifier Classification.”

\*\*\*1989-Present\*\*\*

00 - Hospital Administrator

01 - Physician, MD

02 - Licensed Midwife

03 - Osteopath, DO

04 - Father/Mother

05 - Certified Nurse Midwife

06 - Nurse

07 - Other Midwife

08 - Other

09 - Not Stated

\*\*\*Added in 2013\*\*\*

10 – Family (not father)

11 – EMT/Paramedic

12 – PAC/Physician Assistant

\*\*\*1987-1988\*\*\*

01 - Physician, MD

02 - Licensed Midwife

03 - Osteopath, DO

04 - Father/Mother

05 - Certified Nurse Midwife

06 - Nurse

07 - Other Midwife

08 - Other

09 - Not Stated

\*\*\*1985-1986\*\*\*

01 - Physician, MD

02 - Licensed/Certified Midwife

03 - Osteopath, DO

04 - Father

05 - Mother

06 - Nurse

07 - Other Midwife

08 - Other

09 - Not Stated

\*\*\*1980-1984\*\*\*

Blank Field - Not Collected

For related information see the attendant classification (att\_clas) field.

39 ind\_num 134-136 3 N Induced Terminations

Total number of induced terminations the mother has had. An edit check was implemented in 1989, causing the number of Unknown/Not Stated values to decrease, for more information see “Data Quality Technical Notes - Previous Pregnancy History.”

\*\*\*2003-present\*\*\*

Not Collected – see ‘Other Pregnancy Outcomes’ (field 202).

\*\*\*1984-2002\*\*\*

099 - Unknown/Not Stated

\*\*\*1980-1983\*\*\*

099 - Not Collected

40 trnsferm 137-137 1 C Mother Transferred After Attempted Delivery

Place transfer was from, if transferred.

\*\*\*2003-Present\*\*\*

N - Not Transferred

Y - Yes

U - Unknown

\*\*\*1989-2002\*\*\*

0 - Not Transferred

1 - Birth Center

2 - Home

3 - Other

8 - Yes, Not Specified

9 - Unknown

\*\*\*1980-1988\*\*\*

Blank Field - Not Collected

41 trnsferb 138-138 1 C Baby Transferred to Another Facility

\*\*\*1984-Present\*\*\*

Y - Yes

N - No

U - Unknown/Not Stated

\*\*\*1980-1983\*\*\*

Blank Field - Not Collected

42 malf\_sam 145-147 3 C Malformation Code - Sam Milham

\*\*\*1992-Present\*\*\*

000 - Not Collected

\*\*\*1984-1991\*\*\*

000 - Not Coded

010 - Anencephalus, Acephalus, Acrania

011 - Spina bifida, spinal fissure, rachischisis

012 - Hydrocephalus, internal or external

013 - Spina bifida plus hydrocephalus

014 - Meningocele, meningoencephalocele, meningomyelocele, myelocele, encephalocele

015 - Microcephalus

016 - Eye agenesis, anophthalmos, buphthalmos, Aplastic eye

017 - Congenital cataract

018 - Ear, tragus

019 - Aplasia, dysplasia of brain, any part, nervous system spinal cord, hemicephalus, exencephalus, monster--NES

020 - Tetralogy of fallot

021 - Patent ductus arteriosus

022 - Interventricular septal defect (except tetralogy of fallot)

023 - Interauricular septal defect (patent foramen ovale)

024 - Other unspecified and specified malformation of heart

025 - Coarctation of aorta

026 - Other circulatory malformations

030 - Harelip and/or cleft palate; cleft lip, palate or uvula; cheiloschisis, palatoschisis

031 - Pyloric stenosis, hypertrophic pyloric stenosis, stenosis,stritcure of pylorus

032 - Imperforate anus, absence of anus or rectum, occlusion of anus, stricture of anus, atresia ani, atresia of anus or rectum

033 - Tracheo-esophageal fistula, esophageal stricture, esophageal atresia

034 - Umbilical hernia, exomphalos, omphalocele, evisceration, gastroschisis, diastasis recti, schisis

035 - Diaphragmatic hernia, herniation of abdominal contents into thorax,absence of diaphragm

036 - Other malformations of digestive system, meconium peritonitis

040 - Epispadias, hypospadias

041 - Undescended testicle, cryptorchidism

042 - Polycystic disease of kidney, cystic kidney, fibrocystic kidney

043 - Exstrophy of bladder (urinary), extroversion of bladder

044 - Other malformation of any external genitourinaryorgan: absence, atresia, deformity, displacement, hypoplasia, male or female; hermaphroditism, pseudohermaphroditism, anaspadias, anorchism, polyorchism, chordee

045 - Other malformation of any internal genitourinaryorgan: absence, atresia, deformity, displacement, hypoplasia, male or female; hydronephrosis, stricture or urethra, horseshoe kidney, patent urachus, persistent Gartner’s duct

046 - Hydrocele

050 - Supernumerary digits, polydactyly, extra or accessory fingers or toes

051 - Adactylism, absence of digits or parts of digits

052 - Absence of arms or legs or parts thereof (except digits), absence of radius, ulna, humerus, tibia,fibula, femur

053 - Syndactyly, fusion or webbing of fingers or toes

054 - Achondroplasia, chondrodystrophy, dwarfism

055 - Club foot: talipes equinovarus valgus, calcaneo valgus, varus

056 - Congenital dislocation of hip

057 - Brittle bones, osteogenesis imperfecta

058 - Other malformation of bone or joint: Hallux valgus, eversion of feet, flat foot, scoliosis, absence, malformation displacement or deformity of any bone or joint not classifiableabove; absence of chest wall,saddle nose, skull

060 - Hermangiomata, nevi, or birthmarks

061 - Other malformations of skin, tags

062 - Malformation of muscle or muscles, tendons or bursae, muscle atrophy at birth

063 - Malformation of respiratory system: absence of lung,part of lung, or nose; absence or malformation of any part of respiratory system(excluding tracheo-esophageal fistula), cystic disease of lung, atresia of trachea or larynx (thyroid cartilage)

064 - Albinism

065 - Hernia of abdominal cavity (excluding umbilical hernia, omphalocele, and diaphragmatic hernia), inguinal, scrotal, ventral

066 - Tumor, mass or growth

067 - Siamese twins, conjoined twins, syncephalus, thoracopagus, ischiopagus

068 - Malformation, other specified, absence of thyroid, thymus, bronchiogenic fistula

069 - Malformation, type unspecified, maldevelopment

084 - Mongolism

085 - Trisomy, Klinefelter’s, aneuploidy, Turner’ssyndrome

086 - Inborn error metabolism, sickle cell

\*\*\*1980-1983\*\*\*

000 - Not Collected

43 hisp\_dad 148-148 1 C Father’s Hispanic Origin

Note: Hispanic ethnicity data are not complete for 1988. Before using this field, see “Data Quality Technical Notes - Race/Hispanic Origin (Mother, Father, Child).”

\*\*\*1996-present\*\*\*

0 - Non-Hispanic

1 - Mexican

2 - Puerto Rican

3 - Cuban

4 - Central or South American

5 - Other and Unknown Hispanic

9 - Unknown/Not Stated

\*\*\*1988-1995\*\*\*

0 - Non-Hispanic

1 - Mexican

2 - Puerto Rican

3 - Cuban

4 - Central or South American

5 - Other Hispanic

6 - Unknown Hispanic

9 - Unknown/Not Stated

\*\*\*1980-1987\*\*\*

Blank Field - Not Collected

44 hisp\_mom 149-149 1 C Mother’s Hispanic Origin

Note: Hispanic ethnicity data are not complete for 1988. Before using this field, see “Data Quality Technical Notes - Race/Hispanic Origin (Mother, Father, Child).”

\*\*\*1996-present\*\*\*

0 - Non-Hispanic

1 - Mexican

2 - Puerto Rican

3 - Cuban

4 - Central or South American

5 - Other and Unknown Hispanic

9 - Unknown/Not Stated

\*\*\*1988-1995\*\*\*

0 - Non-Hispanic

1 - Mexican

2 - Puerto Rican

3 - Cuban

4 - Central or South American

5 - Other

6 - Unknown Hispanic

9 - Unknown/Not Stated

\*\*\*1980-1987\*\*\*

Blank Field - Not Collected

45 hispccal 150-150 1 C Child’s Calculated Hispanic Ethnicity

The ethnicity code given here is from the NCHS algorithm which uses mother’s and father’s Hispanic ethnicity to derive a code for the child’s Hispanic ethnicity.

Note: Hispanic ethnicity data are not complete for 1988. Before using this field, see “Data Quality Technical Notes - Race/Hispanic Origin (Mother, Father, Child).”

\*\*\*1996-Present\*\*\*

0 - Non-Hispanic

1 - Mexican

2 - Puerto Rican

3 - Cuban

4 - Central or South American

5 - Other and Unknown Hispanic

9 - Unknown/Not Stated

\*\*\*1988-1995\*\*\*

0 - Non-Hispanic

1 - Mexican

2 - Puerto Rican

3 - Cuban

4 - Central or South American

5 - Other Hispanic

6 - Unknown Hispanic

9 - Unknown/Not Stated

\*\*\*1980-1987\*\*\*

Blank Field - Not Collected

46 res\_yprt 151-152 2 N Time at Residence

Number of years mother lived at the current residence, at the time of birth, in yy format.

\*\*\*1989-Present\*\*\*

YY

9999 - Unknown

\*\*\*1980-1988\*\*\*

Blank Field - Not Collected

47 res\_mprt 153-154 2 N Time at Residence

Number of months mother lived at the current residence, at the time of birth, in mm format.

\*\*\*1989-Present\*\*\*

mm

9999 - Unknown

\*\*\*1980-1988\*\*\*

Blank Field - Not Collected

48 gest\_est 167-169 3 N Gestation Estimate

In weeks as estimated by the physician at the time of the delivery. Before using this field, see “Data Quality Technical Notes - Gestational Age – Calculated and

Clinical Estimate.”

\*\*\*1989-Present\*\*\*

40 - Full Term or Forty Weeks

99 - Unknown

\*\*\*1980-1988\*\*\*

000 - Not Collected

49 zipcode 170-174 5 C ZIP Code of Residence

Five digit zip code. Before using

this field, see “Data Quality

Technical Notes – Zip Codes

– Reported and Geocoded.”

\*\*\*1989-Present\*\*\*

99999 - Unknown/Not Stated

\*\*\*1980-1988\*\*\*

Blank Field - Not Collected

50 mrf1 179-180 2 C Medical Risk Factors

51 mrf2 181-182 2 This field consists of six 2-digit 52 mrf3 183-184 2 entries. Each 2-digit entry

53 mrf4 185-186 2 corresponds to one of the factors

54 mrf5 187-188 2 listed below. Blanks in these

55 mrf6 189-190 2 2-digit entries will make up the remainder of the field after the last factor. In 2003 the name of

this field was changed to ‘Risk Factors in this Pregnancy’.

The meaning of these codes changes

as designated below. See ‘medrisk.doc’ or ‘medrisk.wp’ for a summary of these changes over time. Before using this field, see “Data Quality Technical Notes - Medical and Health Information

Section.”

\*\*\*2003-Present\*\*\*

01 - Diabetes

02 - Hypertension

03 – Previous Preterm Births

04 – Other Previous Poor Pregnancy Outcome

05 – Vaginal Bleeding During This Pregnancy Prior to the Onset of Labor

06 – Pregnancy Resulted from Infertility Treatment

07 – Mother Had a Previous Cesarean Delivery

08 – Group B Streptococcus Culture Positive

09 – None of the Above

99 - Unknown/Not Stated

\*\*\*1992-2002\*\*\*

01 - Anemia (HCT.<30/HGH.<10)

02 - Cardiac Disease

03 - Acute or Chronic Lung Disease

04 - Diabetes

05 - Genital Herpes

06 - Polyhydramnios

07 - Oligohydramnios

08 - Hemoglobinopathy

09 - Chronic Hypertension

10 - Hypertension, Pregnancy- Associated

11 - Eclampsia

12 - Incompetent Cervix

13 - Previous Infant 4000+ Grams

14 - Previous Preterm or Small-For- Gestational Age Infant

15 - Renal Disease

16 - RH Sensitization

` 17 - Uterine Bleeding

18 - Hepatitis B--HBSAG Positive

19 - Syphilis

20 - None

21 - Other

99 - Unknown/Not Stated

\*\*\*1989-1991\*\*\*

01 - Anemia (HCT.<30/HGH.<10)

02 - Cardiac Disease

03 - Acute or Chronic Lung Disease

04 - Diabetes

05 - Genital Herpes

06 - Polyhydramnios

07 - Oligohydramnios

08 - Hemoglobinopathy

09 - Chronic Hypertension

10 - Hypertension, Pregnancy- Associated

11 - Eclampsia

12 - Incompetent Cervix

13 - Previous Infant 4000+ Grams\

14 - Previous Preterm or Small-For- Gestational Age Infant

15 - Renal Disease

16 - RH Sensitization

` 17 - 1st Trimester Bleeding

18 - Epilepsy

19 - Syphilis

20 - Rubella-Test Positive

21 - None

22 - Other

99 - Unknown/Not Stated

\*\*\*1984-1988\*\*\*

00 - None

01 - Diabetes (Gestational)

02 - Diabetes (Established)

03 - Chronic Hypertension

04 - Plyelonephritis

05 - Epilepsy

06 - Pre-Eclampsia

07 - Eclampsia

08 - RH Sensitization

09 - Herpes

10 - Syphilis

11 - Rubella

12 - Polyhydramnios

13 - Other

99 - Unknown/Not Stated

\*\*\*1980-1983\*\*\*

00 - None

01 - Pre-Eclampsia

02 - Eclampsia

03 - RH Sensitization

04 - Syphilis

05 - Herpes

06 - Rubella

07 - Anemia (HCT.<30/HGH.<10)

08 - Hemorrhage of Pregnancy

09 - Other

For related information see complications not related to pregnancy (mrfnon1-mrfnon9) fields.

56 diabetes 191-191 1 C Diabetes

Indicates type of diabetes if one of the medical risk factors (mrf1 - mrf6) notes that the mother had diabetes. The ‘U’ code was used until mid 1992. Starting in mid 1992 through 2002 if it is unknown

whether the diabetes is established or gestational, a value of ‘G’ is assigned.

\*\*\*2003-Present\*\*\*

E - Prepregnancy

G – Gestational

U – Unknown

Blank - No Diabetes

\*\*\*mid 1992-2002\*\*\*

E - Established

G - Gestational

Blank - No Diabetes

\*\*\*1989-mid 1992\*\*\*

E - Established

G - Gestational

U - Unknown whether Established or Gestational

Blank - No Diabetes

\*\*\*1980-1988\*\*\*

Blank Field - Not Collected

57 herpes 192-192 1 C Genital Herpes

Indicates type of herpes if one of the medical risk factors (mrf1 - mrf6) notes that the mother had herpes. The ‘U’ code was used until mid 1992. Starting in mid 1992 if it is unknown whether the herpes is active or history, a value of ‘H’ is assigned.

\*\*\*2003-Present\*\*\*

Not Collected

\*\*\*mid 1992-2002\*\*\*

A - Active

H - History

Blank - No Herpes

\*\*\*1989-mid 1992\*\*\*

A - Active

H - History

U - Unknown whether Active of History

Blank - No Herpes

\*\*\*1980-1988\*\*\*

Blank Field - Not Collected

58 smokenum 193-195 3 N Number of Cigarettes

The number of cigarettes a day that the mother smoked during pregnancy. For related information see the smoking status (smoking) field.

Before using this field, see “Data Quality Technical Notes - Maternal Smoking (Yes/No and Number of Cigarettes per Day).”

\*\*\*2003-Present\*\*\*

Not Collected. Replaced by Number of Cigarettes by Trimester (see fields 207-210).

\*\*\*1989-2002\*\*\*

000 - None

001 - 1 or Less

020 - One Pack

099 - Unknown/Not Stated

\*\*\*1980-1988\*\*\*

099 - Not Collected

59 drinknum 196-198 3 N Number of Drinks

The number of Alcoholic Drinks mother drank per week during pregnancy. For related information see the drinking status (drinking) field.

\*\*\*2003-Present\*\*\*

Not Collected.

\*\*\*1989-2002\*\*\*

000 - None

099 - Unknown/Not Stated

\*\*\*1980-1988\*\*\*

099 - Not Collected

60 wghtgain 199-201 3 N Weight Gain

Number of pounds Mother gained during pregnancy. Only whole number is kept. Before using this field, see “Data Quality Technical Notes - Weight Gained During Pregnancy, Prepregnancy Weight and

Delivery weight.”

\*\*\*2003-present\*\*\*

This field is calculated from prepregnancy and delivery weights (see fields 110 and 213).

098 – 98+ lbs for out of state occurrences only

\*\*\*1989-2002\*\*\*

000 - No Weight Change or Lost Weight

999 - Unknown/Not Stated

\*\*\*1980-1988\*\*\*

999 - Not Collected

61 obproc1 202-202 1 C Obstetric Procedures

62 obproc2 203-203 1 This field consists of four 1-digit

63 obproc3 204-204 1 entries. Each 1-digit entry

64 obproc4 205-205 1 corresponds to one of the procdures listed below. Blanks in these 1-digit entries will make up the remainder of the field after the last procedure.

\*\*\*2003-Present\*\*\*

1 – Cervical Cerclage

2 - Tocolysis

3 – External Cephalic Version

4 – None of the above

9 - Unknown/Not Stated

\*\*\*1992-2002\*\*\*

1 - Amniocentesis

2 - Electronic Fetal Monitoring

3 - Induction of Labor

4 - Stimulation of Labor

5 - Tocolysis

6 - Ultrasound

7 - None

8 - Other

9 - Unknown/Not Stated

\*\*\*1989-1991\*\*\*

0 - None

1 - Amniocentesis

2 - Electronic Fetal Monitoring

3 - Induction of Labor

4 - Stimulation of Labor

5 - Tocolysis

6 - Ultrasound

8 - Other

9 - Unknown/Not Stated

\*\*\*1980-1988\*\*\*

Blank - Not Collected

65 amnio1 206-206 1 C Amniocentesis

66 amnio2 207-207 1 This field indicates the trimester

67 amnio3 208-208 1 in which an amniocentesis was performed.

Before 1992, only amnio1 is used, and it reflects the earliest trimester reported on the birth certificate. Amnio2 and amnio3 will be blank.

Starting in 1992, amnio1, amnio2, and amnio3 are used to record all trimesters in which amniocentesis was performed. Blanks will make up the remainder of the field after the last amniocentesis.

\*\*\*2003-Present\*\*\*

Not collected.

\*\*\*1993-2002\*\*\*

1 - 1st Trimester

2 - 2nd Trimester

3 - 3rd Trimester

9 - Unknown/Not Specified

\*\*\*1989-1992\*\*\*

1 - 1st Trimester

2 - 2nd Trimester

3 - 3rd Trimester

8 - Yes, Not Specified

9 - Unknown

\*\*\*1985-1988\*\*\*

1 - 1st Trimester

2 - 2nd Trimester

3 - 3rd Trimester

9 - Unknown/Not Specified

\*\*\*1984\*\*\*

1 - 1st or 2nd Trimester

3 - 3rd Trimester

9 - Unknown/Not Specified

\*\*\*1980-1983\*\*\*

Blank Field - Not Collected

68 dmeth1 209-209 1 C Method of Delivery

69 dmeth2 210-210 1 This field consists of four 1-digit 70 dmeth3 211-211 1 entries. Each 1-digit entry

71 dmeth4 212-212 1 corresponds to one of the methods listed below. Blanks in these 1- digit entries will make up the remainder of the field after the last method.

These codes change their meaning in the years designated below. See ‘delivery.doc’ or ‘delivery.wp’ for a summary of these changes over time. Before using this field, see “Data Quality Technical Notes - Medical and Health Information

Section.”

\*\*\*2003-Present\*\*\*

Will be calculated from other fields. Only dmeth1 will be populated. Codes same as below.

\*\*\*1992-present\*\*\*

1 - Vaginal

2 - Vaginal Birth After Previous C-Section

3 - Primary C-Section

4 - Repeat C-Section With Labor

5 - Repeat C-Section Without Labor

6 - Forceps

7 - Vacuum Extraction

9 - Other

\*\*\*1989-1991\*\*\*

1 - Vaginal

2 - Vaginal Birth After Previous C-Section

3 - Primary C-Section

4 - Repeat C-Section Without Labor

5 - Repeat C-Section With Trial of Labor

6 - Forceps

7 - Vacuum Extraction

8 - Other

9 - Unknown/Not Stated

\*\*\*1984-1988\*\*\*

1 - Spontaneous

2 - Vacuum Extraction

3 - Outlet Forceps

4 - Induced Labor

5 - Primary C-Section

6 - Repeat C-Section

7 - Vaginal Birth After Previous C-Section

8 - Other

9 - Unknown/Not Stated

\*\*\*1980-1983\*\*\*

0 - Spontaneous

1 - Vacuum Extraction

2 - Low Forceps

3 - Other Forceps Procedure

4 - Primary C-Section

5 - Repeat C-Section

6 - Version & Extraction

7 - Induced Labor

9 - Other

72 complab1 213-214 2 C Complications of Labor and/or

73 complab2 215-216 2 Delivery

74 complab3 217-218 2 This field consists of seven 2-

75 complab4 219-220 2 digit entries. Each 2-digit entry

76 complab5 221-222 2 corresponds to one of the

77 complab6 223-224 2 complications listed below. Blanks

78 complab7 225-226 2 in these 2-digit entries entries will make up the remainder of the field after the last complication.

These codes change their meaning in the years designated below. See ‘complic.doc’ or ‘complic.wp’ for a summary of these changes over time. Before using this field, see “Data Quality Technical Notes - Medical and Health Information

Section.”

\*\*\*2003-Present\*\*\*

Not collected. Replaced by ‘Characteristics of Labor and Delivery’ (see fields 225-231.

\*\*\*1992-2002\*\*\*

01 - Febrile (>100 degrees F or 38 degrees C)

02 - Meconium, Moderate/Heavy

03 - Premature Rupture of Membrane (>12 Hours)

04 - Abruptio Placenta

05 - Placenta Previa

06 - Other Excessive Bleeding

07 - Seizures During Labor

08 - Precipitour Labor (<3 Hours)

09 - Prolonged Labor (>20 Hours)

10 - Dysfunctional Labor

11 - Breech/Malpresentation

12 - Cephalopelvic Disproportion

13 - Cord Prolapse

14 - Anesthetic Complications

15 - Fetal Distress

16 - Nuchal Cord

17 - None

18 - Other

99 - Unknown/Not Stated

\*\*\*1989-1991\*\*\*

01 - Febrile (>100 degrees F or 38 degrees C)

02 - Meconium, Moderate/Heavy

03 - Premature Rupture of Membrane (>12 Hours)

04 - Abruptio Placenta

05 - Placenta Previa

06 - Other Excessive Bleeding

07 - Seizures During Labor

08 – Precipitous Labor (<3 Hours)

09 - Prolonged Labor (>20 Hours)

10 - Dysfunctional Labor

11 - Breech/Malpresentation

12 - Cephalopelvic Disproportion

13 - Cord Prolapse

14 - Anesthetic Complications

15 - Fetal Distress

16 - None

17 - Other

99 - Unknown/Not Stated

\*\*\*1984-1988\*\*\*

00 - None

01 - Abruptio Placenta

02 - Placenta Previa

03 - Rupture of Uterus

04 - Cord Prolapse

05 - Membranes Ruptured > 24 hrs

06 - Breech

07 - Cephalopelvic Disproportion

08 - Prolonged Labor

09 - Augmented Labor

10 - Other

99 - Unknown/Not Stated

\*\*\*1980-1983\*\*\*

00 - None

01 - Abruptio Placenta

02 - Placenta Previa

03 - Cord Prolapse

04 - Matern Hypotens/Shock

05 - Prolonged Labor

06 - Intrapartum Fever Amnionitis

07 - Laceration 3/4”

08 - Breech

09 - Other

99 - Unknown/Not Stated

79 abcond1 227-228 2 C Abnormal Conditions of the Newborn

80 abcond2 229-230 2 This field consists of six 2-digit 81 abcond3 231-232 2 entries. Each 2-digit entry

82 abcond4 233-234 2 corresponds to one of the

83 abcond5 235-236 2 conditions listed below. Blanks in

84 abcond6 237-238 2 2-digit entries will make up the remainder of the field after the last condition.

These codes change their meaning in

the years designated below. See ‘abnormal.doc’ or ‘abnormal.wp’ for a summary of these changes over time. Also see the “Data Quality Technical Notes – Medical and

Health Information Section” before

using this data.

\*\*\*2003-Present\*\*\*

01 – Assisted Ventilation Required Immediately Following Delivery

02 – Assisted Ventilation Required for More Than 6 Hours

03 – NICU Admission

04 – Newborn Given Surfactant Replacement Therapy

05 – Antibiotics received by the Newborn for Suspected Neonatal Sepsis

06 – Seizure or Serious Neurologic Dysfunction

07 – Significant Birth Injury

08 – None of the Above

99 - Unknown/Not Stated

\*\*\*1992-2002\*\*\*

01 - Anemia (HCT >39/HGN<13)

02 - Birth Injury

03 - Fetal Alcohol Syndrome

04 - Hyaline Membrane Disease/RDS

05 - Meconium Aspiration Syndrome

06 - Drug Withdrawal Syndrome in Newborn

07 - Assisted Ventilation less than 30 Minutes

08 - Assisted Ventilation greater than or equal to 30 Minutes

09 - Seizures

10 - None

11 - Other

99 - Unknown/Not Stated

\*\*\*1989-1991\*\*\*

01 - Anemia (HCT >39/HGN<13)

02 - Birth Injury

03 - Fetal Alcohol Syndrome

04 - Hyaline Membrane Disease/RDS

05 - Meconium Aspiration Syndrome

06 - Drug Withdrawal Syndrome in Newborn

07 - Assisted Ventilation less than 30 Minutes

08 - Assisted Ventilation greater than or equal to 30 Minutes

09 - Seizures

10 - Sepsis

11 - Asphyxia/Depression

12 - Erb’s Palsy

13 - Jaundiced (Greater than 10 in 1st 48 Hours)

14 - None

15 - Other

99 - Unknown/Not Stated

\*\*\*1984-1988\*\*\*

00 - None

01 - Hyaline Membrane Disease/RDS

02 - Sepsis (Documented)

03 - Seizures

04 - Fetal Distress/Asphyxia

05 - Erb’s Palsy

06 - Other Birth Injuries

07 - Hemolytic Disease

08 - Fetal Alcohol Syndrome

09 - Jaundiced (bilirubin>10)

10 - Other

99 - Unknown/Not Stated

\*\*\*1980-1983\*\*\*

00 - None

01 - Erb’s/Duchenne’s Palsies

02 - Hyaline Membrane

03 - Sepsis (Documented)

04 - Seizures

05 - Jaundiced (bilirubin>10)

06 - Asphyxia

07 - Hemolytic Disease

08 - Fractured Clavicle

09 - Other

99 - Unknown/Not Stated

85 malf1 239-240 2 C Congenital Malformations of Child

86 malf2 241-242 2 This field consists of seven 2-

87 malf3 243-244 2 digit entries. Each 2-digit entry

88 malf4 245-246 2 corresponds to one of the anomalies 89 malf5 247-248 2 listed below. Blanks in these 2-

90 malf6 249-250 2 digit entries will make up the

91 malf7 251-252 2 remainder of the field after the last anomaly.

These codes change their meaning in the years designated below. See ‘malforma.doc’ or ‘malforma.wp’ for a summary of these changes over time. Also see the “Data Quality Technical Notes – Medical and

Health Information Section” before

using this data.

\*\*\*2003-Present\*\*\*

01 - Anencephaly

02 – Meningocele/Spina Bifida

03 – Cyanotic Congenital Heart Disease

04 – Congenital Diaphragmatic Hernia

05 - Omphalocele

06 - Gastroschisis

07 – Limb Reduction Defect

08 – Cleft Lip with or without Cleft Palate

09 – Cleft Palate Alone

10 – Down Syndrome

11 – Chromosomal Disorder

12 - Hypospadias

13 – None of the Above

99 - Unknown/Not Stated

\*\*\*1992-2002\*\*\*

01 - Anencephalus

02 - Spina Bifida/Meningocele

03 - Hydrocephalus

04 - Microcephalus

05 - Other Central Nervous System Anomalies

06 - Heart Malformations

07 - Other Circulatory/Respiratory Anomalies

08 - Rectal Atresia/Stenosis

09 - Tracheo-Esophageal Fistula/Esophageal Atresia

10 - Omphalocele/Gastroschisis

11 - Other Gastrointestinal Anomalies

12 - Malformed Genitalia

13 - Renal Agenesis

14 - Other Urogenital Anomalies

15 - Cleft Lip/Palate

16 - Polydactyly

17 - Club Foot

18 - Diaphragmatic Hernia

19 - Other Musculoskeletal/ Integumental Anomalies

20 - Down’s Syndrome

21 - Other Chromosomal Anomalies

22 - None

23 - Other Anomalies

99 - Unknown/Not Stated

\*\*\*1989-1991\*\*\*

01 - Anencephalus

02 - Spina Bifida/Meningocele

03 - Hydrocephalus

04 - Microcephalus

05 - Other Central Nervous System Anomalies

06 - Heart Malformations

07 - Other Circulatory/Respiratory Anomalies

08 - Rectal Atresia/Stenosis

09 - Tracheo-Esophageal Fistula/Esophageal Atresia

10 - Omphalocele/Gastroschisis

11 - Other Gastrointestinal Anomalies

12 - Malformed Genitalia

13 - Renal Agenesis

14 - Other Urogenital Anomalies

15 - Cleft Lip/Palate

16 - Polydactyly/Syndactyly/ Adactyly

17 - Club Foot

18 - Diaphragmatic Hernia

19 - Other Musculoskeletal/ Integumental Anomalies

20 - Down’s Syndrome

21 - Other Chromosomal Anomalies

22 - None

23 - Other Anomalies 99 - Unknown/Not Stated

\*\*\*1984-1988\*\*\*

00 - None

01 - Anencephalus

02 - Spina Bifida/Meningocele

03 - Hydrocephalus

04 - Microcephalus

05 - Patent Ductus Arteriosus

06 - Other Heart Malformations

07 - Cleft Lip

08 - Cleft Palate

09 - Anal Atresia/Stenosis

10 - Tracheo-Esophageal Fistula/Esophageal Atresia

11 - Hypospadias

12 - Omphalocele

13 - Polydactyly

14 - Syndactyly

15 - Adactyly

16 - Other Limb Reduction

17 - Congenital Dislocation of Hip

18 - Club Foot

19 - Down’s Syndrome

20 - Other Malformation

99 - Unknown/Not Stated

\*\*\*1980-1983\*\*\*

Blank Field - Not Collected

For related information see the congenital malformation (malficd1- malficd8) fields.

92 st\_occ 253-254 2 C State of Occurrence

State in which the birth occurred. NCHS state code. In addition to the 50 states, the District of Columbia, the Virgin Islands, Cuba, Guam, Puerto Rico, Canada and Mexico receive unique codes in this field. For a list of codes, see mother’s birth state (birplmom) field.

93 st\_res 255-256 2 C State of Residence

Mother’s residence. NCHS state code. In addition to the 50 states, the District of Columbia, the Virgin Islands, Cuba, Guam, Puerto Rico, Canada Mexico receive unique codes in this field. For a list of codes, see mother’s birth state (birplmom)field.

94 racecdes 257-257 1 C Child’s Designated Race

Designated by the mother. Before using this field, see “Data Quality Technical Notes - Race/Hispanic Origin (Mother, Father, Child).”

\*\*\*2003-Present\*\*\*

Not Collected

\*\*\*1992-2002\*\*\*

1 - White

2 - Black

3 - Native American

4 - Chinese

5 - Japanese

6 - Other Non-White

7 - Filipino

8 - Refused to State

9 - Unknown/Not Stated

A - Hawaiian

B - Other Asian/Pacific Islander

C - Mexican/Chicano/Hispanic

D - Asian Indian

E - Korean

F - Samoan

G - Vietnamese

H - Guamanian

\*\*\*1980-1991\*\*\*

Blank Field - Not Collected

95 hispcdes 258-258 1 C Child’s Designated Hispanic Origin

As designated by the mother. See “Data Quality Technical Notes - Race/Hispanic Origin (Mother, Father, Child).”

\*\*\*2003-Present\*\*\*

Not Collected

\*\*\*1996-2002\*\*\*

0 - Non-Hispanic

1 - Mexican

2 - Puerto Rican

3 - Cuban

4 - Central or South American

5 - Other and Unknown Hispanic

9 - Unknown/Not Stated

\*\*\*1992-1995\*\*\*

0 - Non-Hispanic

1 - Mexican

2 - Puerto Rican

3 - Cuban

4 - Central or South American

5 - Other Hispanic

6 - Unknown Hispanic

9 - Unknown/Not Stated

\*\*\*1980-1991\*\*\*

Blank Field

96 carepay 259-259 1 C Principal Payment for Prenatal Care

Indicates principal source of payment for prenatal care.

\*\*\*2003-Present\*\*\*

Not Collected. Replaced by ‘Source of Payment for Delivery’ (see field 204).

\*\*\*1992-2002\*\*\*

1 - Medicaid

2 - Self-pay

3 - Commercial Insurance

4 - Charity Care

5 - HMO

6 - Other

9 - Unknown/Not Stated

\*\*\*1980-1991\*\*\*

Blank Field - Not Collected

97 wic 260-260 1 C During pregnancy mother used WIC services. WIC (Women and Infant Children) is a free supplemental food and nutrition education program.

\*\*\*2003-Present\*\*\*

Replaced by new item (field 217).

\*\*\*1992-2002\*\*\*

1 - Yes

9 - Box Not Checked

\*\*\*1980-1991\*\*\*

Blank Field - Not Collected

98 firsteps 261-261 1 C During pregnancy mother participated in the First Steps program. First Steps is an expanded Medicaid program.

\*\*\*2003-Present\*\*\*

Not Collected

\*\*\*1992-2002\*\*\*

1 - Yes

9 - Box Not Checked

\*\*\*1980-1991\*\*\*

Blank Field - Not Collected

99 afdc 262-262 1 C During pregnancy mother received Aid for Families with Dependent Children (AFDC)

\*\*\*2003-Present\*\*\*

Not Collected

\*\*\*1992-2002\*\*\*

1 - Yes

9 - Box Not Checked

\*\*\*1980-1991\*\*\*

Blank Field - Not Collected

100 localhd 263-263 1 C During pregnancy mother received services from a Local Health Department

\*\*\*2003-Present\*\*\*

Not Collected

\*\*\*1992-2002\*\*\*

1 - Yes

9 - Box Not Checked

\*\*\*1980-1991\*\*\*

Blank Field - Not Collected

101 wghtpre 264-266 3 N Weight Prior to Pregnancy

Number of pounds Mother weighed before pregnancy. Only whole number is kept. This field was first collected in 1992. Before using this field, see “Data Quality Technical Notes - Weight Gained During Pregnancy, Prepregnancy Weight and Delivery Weight.”

\*\*\*1992-Present\*\*\*

999 - Unknown

\*\*\*1980-1991\*\*\*

999 - Not Collected

102 ubleed1 267-267 1 C Uterine Bleeding

103 ubleed2 268-268 1 Indicates whether there was any

104 ubleed3 269-269 1 uterine bleeding during pregnancy and which trimesters. More than one trimester may be indicated.

Blanks will make up the remainder of the field after the last entry.

\*\*\*2003-Present\*\*\*

Not Collected

\*\*\*1992-2002\*\*\*

1 - Uterine Bleeding During First Trimester

2 - Uterine Bleeding During Second Trimester

3 - Uterine Bleeding During Third Trimester

9 - Unknown

\*\*\*1980-1991\*\*\*

Blank Field - Not Collected

105 smoking 270-270 1 C Smoking Status

Indicates whether Mother smoked cigarettes at any time during the pregnancy.

Changes in the wording and placement of this item have occurred over time. Therefore, before using this field, see “Data Quality Technical Notes - Maternal Smoking (Yes/No and Number of Cigarettes per Day).”

\*\*\*2003-Present\*\*\*

Not Collected. Replaced by Number of Cigarettes by Trimester (see fields 207-210).

\*\*\*1984-2002\*\*\*

Y - Yes

N - No

U - Unknown

\*\*\*1980-1983\*\*\*

Blank Field - Not Collected

106 drinking 271-271 1 C Drinking Status

Indicates whether Mother drank alcoholic beverages during the pregnancy. Before using this field, see “Data Quality Technical Notes – Alcohol Use.”

\*\*\*2003-Present\*\*\*

Not Collected

\*\*\*1989-2002\*\*\*

Y - Yes

N - No

U - Unknown

\*\*\*1980-1988\*\*\*

Blank Field - Not Collected

107 lb\_f\_nl 281-283 3 N Liveborn - Fullterm - Now Alive

The number of prior live births that were full-term and are still living.

Before using this field, see “Data Quality Technical Notes - Previous Pregnancy History.”

\*\*\*1989-Present\*\*\*

099 - Not Collected

\*\*\*1985-1988\*\*\*

000 - None

099 - Unknown/Not Stated

\*\*\*1980-1984\*\*\*

099 - Not Collected

108 lb\_f84 284-286 3 N Liveborn - Fullterm

The number of prior live births that were full-term.

Before using this field, see “Data Quality Technical Notes - Previous Pregnancy History.”

\*\*\*1985-Present\*\*\*

099 - Not Collected

\*\*\*1984\*\*\*

000 - None

099 - Unknown/Not Stated

\*\*\*1980-1983\*\*\*

099 - Not Collected

109 lb\_p\_nl 287-289 3 N Liveborn - Premature - Now Alive

The number of prior live births that were premature and are still living.

Before using this field, see “Data Quality Technical Notes - Previous Pregnancy History.”

\*\*\*1989-Present\*\*\*

099 - Not Collected

\*\*\*1985-1988\*\*\*

000 - None

099 - Unknown/Not Stated

\*\*\*1980-1984\*\*\*

099 - Not Collected

110 lb\_p84 290-292 3 N Liveborn - Premature

The number of prior live births that were premature.

Before using this field, see “Data Quality Technical Notes - Previous Pregnancy History.”

\*\*\*1985-Present\*\*\*

099 - Not Collected

\*\*\*1984\*\*\*

000 - None

099 - Unknown/Not Stated

\*\*\*1980-1983\*\*\*

099 - Not Collected

111 lb\_p\_nd 293-295 3 N Liveborn - Premature - Now Dead

The number of prior live births that were premature and are now dead.

Before using this field, see “Data Quality Technical Notes - Previous Pregnancy History.”

\*\*\*1989-Present\*\*\*

099 - Not Collected

\*\*\*1985-1988\*\*\*

000 - None

099 - Unknown/Not Stated

\*\*\*1980-1984\*\*\*

099 - Not Collected

112 lb\_f\_nd 296-298 3 N Liveborn - Fullterm - Now Dead

The number of prior live births that were fullterm and are now dead.

Before using this field, see “Data Quality Technical Notes - Previous Pregnancy History.”

\*\*\*1989-Present\*\*\*

099 - Not Collected

\*\*\*1985-1988\*\*\*

000 - None

099 - Unknown/Not Stated

\*\*\*1980-1984\*\*\*

099 - Not Collected

113 fd\_2036 299-301 3 N Fetal Deaths 20-36 Weeks

Number of spontaneous fetal deaths of 20-36 weeks gestation.

Before using this field, see “Data Quality Technical Notes - Previous Pregnancy History.”

\*\*\*1989-Present\*\*\*

099 - Not Collected

\*\*\*1984-1988\*\*\*

000 - None

099 - Unknown/Not Stated

\*\*\*1980-1983\*\*\*

099 - Not Collected

114 fd\_ge37 302-304 3 N Fetal Deaths GE 37 Weeks

Number of spontaneous fetal deaths of 37 weeks gestation or later.

Before using this field, see “Data Quality Technical Notes - Previous Pregnancy History.”

\*\*\*1989-Present\*\*\*

099 - Not Collected

\*\*\*1984-1988\*\*\*

000 - None

099 - Unknown/Not Stated

\*\*\*1980-1983\*\*\*

099 - Not Collected

115 malficd1 305-308 4 C Congenital Malformation ICD-9

116 malficd2 309-312 4 This field consists of eight 4-

117 malficd3 313-316 4 digit entries. Each entry is an 118 malficd4 317-320 4 ICD-9 code for a congenital

119 malficd5 321-324 4 malformation. See “International

120 malficd6 325-328 4 Classification of Diseases - 9th

121 malficd7 329-332 4 revision (ICD-9) Volume 1”. For

122 malficd8 333-336 4 those codes that do not have a fourth digit, the last digit in this field will be blank.

In 1984 the birth certificate was changed so that congenital malformation information is collected by checking boxes specifying specific congenital malformations, see congenital malformations of child (malf1- malf8) fields.

\*\*\*1984-Present\*\*\*

Blank Field - Not Collected

\*\*\*1980-1983\*\*\*

ICD-9 Code

123 gestcalc 337-338 2 N Calculated Gestation in Weeks

Calculated from the date of birth and last menses date (mensdate) or from gestational estimate. Before using this field, see “Data Quality Technical Notes – Gestational Age –

Calculated and Clinical Estimate.”

\*\*\*1980-Present\*\*\*

Method of calculation different

from method used in pre-2005 CDs,

see Data Quality Technical Notes

99 - Missing, Not able to calculate

124 gestflag 339-339 1 C Calculated Gestation Flag

Indicates whether the calculated Gestation (gestcalc) field was calculated based on last menses date or estimated based on birth weight.

\*\*\*2003-Present\*\*\*

0 - Gestcalc was calculated based on Date of Birth and Last Menses Date.

1 - Gestcalc was based on clinical estimate of gestation.

9 - Gestcalc could not be calculated or estimated

\*\*\*1980-2002\*\*\*

0 - Gestcalc was calculated based on Date of Birth and Last Menses Date.

1 - Gestcalc was estimated based on Birth weight.

9 - Gestcalc could not be calculated or estimated

125 mrfnon1 340-341 2 C Complication Not Related to

126 mrfnon2 342-343 Pregnancy

127 mrfnon3 344-345 This field consists of nine 2-digit

128 mrfnon4 346-347 entries. Each 2-digit entry

129 mrfnon5 348-349 corresponds to one of the

130 mrfnon6 350-351 complications listed below. Blanks

131 mrfnon7 352-353 in these 2-digit entries will make

132 mrfnon8 354-355 up the remainder of the field after

133 mrfnon9 356-357 the last complication.

\*\*\*1984-Present\*\*\*

Blank Field - Not Collected

For related information see

medical risk factors(mrf1-mrf6)

fields.

\*\*\*1980-1983\*\*\*

00 - None

01 - Diabetes

02 - Heart Disease (Symptomatic)

03 - Chronic Hypertension

04 - Chronic Renal Disease

05 - Acute Urinary Tract Ingection

06 - Surgery (Abdominal/Pelvic)

07 - Tumor

08 - Epilepsy

09 - Other

99 - Unknown/Not Stated

134 nchsnew 358-358 1 C NCHS New Record Flag

This field pertains to births that occurred in Washington State. It indicates records added since the cutoff date (approximately May 31) of certificates to be used by the National Center for Health Statistics in compiling national statistics for the previous year. Data contained in this file may not match national statistics precisely due to the addition of these records received after the NCHS cutoff date and corrections to the file.

\*\*\*1994-Present\*\*\*

X - New Record

135 dthflg 359-359 1 C Infant Death Flag

Indicates that the infant died by the age of 1 year. Before using this field, see “Data Quality Technical Notes - Infant Death Flag.”

\*\*\*Current Year\*\*\*

Blank Field - Not Flagged

\*\*\*All Other Years\*\*\*

X - Infant Death

136 ind\_mo 360-361 2 N Last Induced Termination, Month

\*\*\*2003-Present

Not collected

\*\*\*1989-2002\*\*\*

MM

99 - Unknown/Not Stated

\*\*\*1980-1988\*\*\*

99 - Not Collected

137 ind\_yr 362-365 4 N Last Induced Termination, Year

\*\*\*2003-Present

Not collected

\*\*\*1989-2002\*\*\*

YYYY

9999 - Unknown/Not Stated

\*\*\*1980-1988\*\*\*

9999 - Not Collected

138 llb\_mo 366-367 2 N Last Live Birth, Month

\*\*\*1980-Present\*\*\*

MM

88 – Not applicable

99 - Unknown/Not Stated

139 llb\_yr 368-371 4 N Last Live Birth, Month

\*\*\*1980-Present\*\*\*

YYYY

8888 – Not applicable

9999 - Unknown/Not Stated

140 lfd\_mo 372-373 2 N Last Fetal Death or Spontaneous Outcome, Month

\*\*\*2003-Present

Not collected

\*\*\*1989-2002\*\*\*

MM

99 - Unknown/Not Stated

\*\*\*1985-1988\*\*\*

99 - Not Collected

For related information see the last other pregnancy outcome (lothmm4yy) field.

\*\*\*1980-1984\*\*\*

MM

99 - Unknown/Not Stated

141 lfd\_yr 374-377 4 N Last Fetal Death or Spontaneous Outcome, Month

\*\*\*2003-Present

Not collected

\*\*\*1989-2002\*\*\*

YYYY

9999 - Unknown/Not Stated

\*\*\*1985-1988\*\*\*

9999 - Not Collected

For related information see the last other pregnancy outcome (lothmm4yy) field.

\*\*\*1980-1984\*\*\*

YYYY

9999 - Unknown/Not Stated

142 mens\_mo 378-379 2 N Date of Last Normal Menses Month

Before using this field, see “Data Quality Technical Notes – Menses Date.”

\*\*\*1980-Present\*\*\*

MM

99 - Unknown/Not Stated

143 mens\_da 380-381 2 N Date of Last Normal Menses Day

Before using this field, see “Data Quality Technical Notes – Menses Date.”

\*\*\*1980-Present\*\*\*

DD

99 - Unknown/Not Stated

144 mens\_yr 382-385 4 N Date of Last Normal Menses Year

Before using this field, see “Data Quality Technical Notes – Menses Date.”

\*\*\*1980-Present\*\*\*

YYYY

9999 - Unknown/Not Stated

145 loth\_mo 386-387 2 N Last Other Pregnancy Outcome, Month and (for 2003+ see field 198).

\*\*\*1989-Present\*\*\*

99 - Not Collected

\*\*\*1985-1988\*\*\*

MM

99 - Unknown/Not Stated

\*\*\*1980-1984\*\*\*

99 - Not Collected

146 loth\_yr 388-391 4 N Last Other Pregnancy Outcome

\*\*\*1989-Present\*\*\*

9999 - Not Collected

\*\*\*1985-1988\*\*\*

YYYY

9999 - Unknown/Not Stated

\*\*\*1980-1984\*\*\*

9999 - Not Collected

147 lpp\_mo 392-393 2 N Last Prior Pregnancy, Month

\*\*\*1984-Present\*\*\*

99 - Not Collected

\*\*\*1980-1983\*\*\*

MM

99 - Unknown/Not Stated

148 lpp\_yr 394-397 2 N Last Prior Pregnancy, Year

\*\*\*1984-Present\*\*\*

9999 - Not Collected

\*\*\*1980-1983\*\*\*

YYYY

9999 - Unknown/Not Stated

149 bctrymom 398-400 3 C Mother’s Birth Country Code

For code table see ASCII file “country.asc.”

\*\*\*1999\*\*\*

000 – see ‘birplmom’ for country

Blank – Mother is not foreign born

\*\*\*1980-1998\*\*\*

Blank field

150 bctrydad 401-403 3 C Father’s Birth Country Code

For code table see ASCII file “country.asc.”

\*\*\*1999\*\*\*

000 – see ‘birpldad’ for country

Blank – Father is not foreign born

\*\*\*1980-1998\*\*\*

Blank field

151 geozip 404-408 5 C Zip code assigned by GIS software

\*\*\*1988–present\*\*\*

This is the zip code that was

assigned by the GIS software.

Before using this field, see “Data

Quality Technical Notes – Zip Codes

– Reported and Geocoded.”

152 alive 409-409 1 C Infant living at time of report

Indicates whether the infant was alive at the time the report was made. Before using this field see “Data Quality Technical Notes – Infant Living at Time of Report.”

\*\*\*2003-present\*\*\*

Y - Yes

N - No

T – Transferred, status unknown

\*\*\*1980-2002\*\*\*

Not Collected.

153 fac\_int 410-410 1 C Intended facility type

Indicates the planned birth place type, if different from the actual type.

\*\*\*2003-Present\*\*\*

1 – Hospital

3 – Birth Center

4 – Clinic/Doctor’s Office 6 – Other

7 – Home - Planned

\*\*\*1980-2002\*\*\*

Not Collected

154 trib\_res 411-413 3 N Mother’s residence tribal

reservation code. Used if the mother lives on a tribal reservation, regardless of whether or not she is Native American.

For code table see ASCII file “tribres.asc.”

\*\*\*1980-2002\*\*\*

Not Collected

\*\*\*NOTE: Fields 160-199 give data for each check box on the birth certificate filing form. Before using these fields, see “Data Quality Technical Notes - Race/Hispanic Origin (Mother, Father, Child).” Bridged race data and Hispanic data are found in the old race/Hispanic fields. Edited data for multiple race analysis are at the end of the file (fields 249-250).\*\*\*

155 momh\_no 414-414 1 C Mother’s Hispanic Origin, Not

Hispanic, as reported on the birth

Certificate.

\*\*\*2003-Present\*\*\*

Y – Yes, this box checked

N – No, box not checked

U – Entire Mother’s Hispanic item

unknown

\*\*\*1980-2002\*\*\*

Not Collected. See hisp\_mom.

156 momh\_mex 415-415 1 C Mother’s Hispanic Origin, Mexican,

as reported on the birth

certificate. See momh\_no for

codes.

157 momh\_pr 416-416 1 C Mother’s Hispanic Origin, Puerto

Rican, as reported on the birth

certificate. See momh\_no for

codes.

158 momh\_cub 417-417 1 C Mother’s Hispanic Origin, Cuban,

as reported on the birth

certificate. See momh\_no for

codes.

159 momh\_oth 418-418 1 C Mother’s Hispanic Origin, Other

Hispanic, as reported on the birth

certificate. See momh\_no for

codes.

160 momr\_wht 419-419 1 C Mother’s Race, White,

as reported on the birth

Certificate.

\*\*\*2003-Present\*\*\*

Y – Yes, this box checked

N – No, box not checked

U – Entire Mother’s Race item

unknown

\*\*\*1980-2002\*\*\*

Not Collected. See race\_mom.

161 momr\_blk 420-420 1 C Mother’s Race, Black or African

American, as reported on the birth

certificate. See momr\_wht for

codes.

162 momr\_ami 421-421 1 C Mother’s Race, American Indian or

Alaska Native, as reported on the

birth certificate. See momr\_wht

for codes.

163 momr\_asi 422-422 1 C Mother’s Race, Asian Indian,

as reported on the birth

certificate. See momr\_wht for

codes.

164 momr\_chi 423-423 1 C Mother’s Race, Chinese,

as reported on the birth

certificate. See momr\_wht for

codes.

165 momr\_fil 424-424 1 C Mother’s Race, Filipino,

as reported on the birth

certificate. See momr\_wht for

codes.

166 momr\_jap 425-425 1 C Mother’s Race, Japanese,

as reported on the birth

certificate. See momr\_wht for

codes.

167 momr\_kor 426-426 1 C Mother’s Race, Korean,

as reported on the birth

certificate. See momr\_wht for

codes.

168 momr\_vie 427-427 1 C Mother’s Race, Vietnamese,

as reported on the birth

certificate. See momr\_wht for

codes.

169 momr\_oas 428-428 1 C Mother’s Race, Other Asian,

as reported on the birth

certificate. See momr\_wht for

codes.

170 momr\_haw 429-429 1 C Mother’s Race, Native Hawaiian,

as reported on the birth

certificate. See momr\_wht for

codes.

171 momr\_gua 430-430 1 C Mother’s Race, Guamanian or

Chamorro, as reported on the birth

certificate. See momr\_wht for

codes.

172 momr\_sam 431-431 1 C Mother’s Race, Samoan,

as reported on the birth

certificate. See momr\_wht for

codes.

173 momr\_opi 432-432 1 C Mother’s Race, Other Pacific

Islander, as reported on the birth

certificate. See momr\_wht for

codes.

174 momr\_oth 433-433 1 C Mother’s Race, Other Race,

as reported on the birth

certificate. See momr\_wht for

codes.

175 dadh\_no 434-434 1 C Father’s Hispanic Origin, Not

Hispanic, as reported on the birth

Certificate.

\*\*\*2003-Present\*\*\*

Y – Yes, this box checked

N – No, box not checked

U – Entire Mother’s Hispanic item

unknown

\*\*\*1980-2002\*\*\*

Not Collected. See hisp\_dad.

176 dadh\_mex 435-435 1 C Father’s Hispanic Origin, Mexican,

as reported on the birth

certificate. See dadh\_no for

codes.

177 dadh\_pr 436-436 1 C Father’s Hispanic Origin, Puerto

Rican, as reported on the birth

certificate. See dadh\_no for

codes.

178 dadh\_cub 437-437 1 C Father’s Hispanic Origin, Cuban,

as reported on the birth

certificate. See dadh\_no for

codes.

179 dadh\_oth 438-438 1 C Mother’s Hispanic Origin, Other

Hispanic, as reported on the birth

certificate. See dadh\_no for

codes.

180 dadr\_wht 439-439 1 C Father’s Race, White,

as reported on the birth

Certificate.

\*\*\*2003-Present\*\*\*

Y – Yes, this box checked

N – No, box not checked

U – Entire Mother’s Race item

unknown

\*\*\*1980-2002\*\*\*

Not Collected. See race\_dad.

181 dadr\_blk 440-440 1 C Father’s Race, Black or African

American, as reported on the birth

certificate. See dadr\_wht for

codes.

182 dadr\_ami 441-441 1 C Father’s Race, American Indian or

Alaska Native, as reported on the

birth certificate. See dadr\_wht

for codes.

183 dadr\_asi 442-442 1 C Father’s Race, Asian Indian,

as reported on the birth

certificate. See dadr\_wht for

codes.

184 dadr\_chi 443-443 1 C Father’s Race, Chinese,

as reported on the birth

certificate. See dadr\_wht for

codes.

185 dadr\_fil 444-444 1 C Father’s Race, Filipino,

as reported on the birth

certificate. See dadr\_wht for

codes.

186 dadr\_jap 445-445 1 C Father’s Race, Japanese,

as reported on the birth

certificate. See dadr\_wht for

codes.

187 dadr\_kor 446-446 1 C Father’s Race, Korean,

as reported on the birth

certificate. See dadr\_wht for

codes.

188 dadr\_vie 447-447 1 C Father’s Race, Vietnamese,

as reported on the birth

certificate. See dadr\_wht for

codes.

189 dadr\_oas 448-448 1 C Father’s Race, Other Asian,

as reported on the birth

certificate. See dadr\_wht for

codes.

190 dadr\_haw 449-449 1 C Father’s Race, Native Hawaiian,

as reported on the birth

certificate. See dadr\_wht for

codes.

191 dadr\_gua 450-450 1 C Father’s Race, Guamanian or

Chamorro, as reported on the birth

certificate. See dadr\_wht for

codes.

192 dadr\_sam 451-451 1 C Father’s Race, Samoan,

as reported on the birth

certificate. See dadr\_wht for

codes.

193 momr\_opi 452-452 1 C Father’s Race, Other Pacific

Islander, as reported on the birth

certificate. See dadr\_wht for

codes.

194 dadr\_oth 453-453 1 C Father’s Race, Other Race,

as reported on the birth

certificate. See dadr\_wht for

codes.

195 momle8ed 454-454 1 C Mother’s Years of Education if

highest education level (educ\_mom) is 8th grade or less.

\*\*\*2003-Present\*\*\*

0 – No education

1-8 – 1st – 8thgrade

9 – Unknown

\*\*\*1980-2002\*\*\*

Not Collected

196 dadle8ed 455-455 1 C Father’s Years of Education if

highest education level (educ\_dad) is 8th grade or less.

\*\*\*2003-Present\*\*\*

0 – No education

1-8 – 1st – 8thgrade

9 – Unknown

\*\*\*1980-2002\*\*\*

Not Collected

197 otherout 456-458 3 N Number of Other Pregnancy Outcomes

Before using this field, see “Data Quality Technical Notes - Previous Pregnancy History.”

\*\*\*2003-Present\*\*\*

000 - None

099 - Unknown/Not Stated (or 999?)

\*\*\*1980-2002\*\*\*

Not Collected

198 oth\_mo 459-460 2 N Last Other Outcome, Month

\*\*\*2003-Present\*\*\*

MM

88 – Not applicable

99 - Unknown/Not Stated

\*\*\*1980-2002\*\*\*

Not Collected

199 oth\_yr 461-464 4 N Last Other Outcome,Year

\*\*\*2003-Present\*\*\*

YYYY

8888 – Not applicable

9999 - Unknown/Not Stated

\*\*\*1980-2002\*\*\*

Not Collected

200 delivpay 465-465 1 C Principal Payment for Delivery

Indicates principal source of payment for the delivery.

\*\*\*2003-present\*\*\*

1 - Medicaid

2 - Self-pay

3 - Private Insurance

4 – Indian Health Service

5 – Tricare (Champus)

6 – Other Government

7 – Charity Care

8 - Other

9 - Unknown/Not Stated

\*\*\*1980-2002\*\*\*

Not Collected. See ‘Source of payment for prenatal care (field #105).

201 fpv\_mo 466-467 2 N First Prenatal Care Visit Month

\*\*\*2003-Present\*\*\*

MM

88 – No prenatal care

99 - Unknown/Not Stated

\*\*\*1980-2002\*\*\*

Not Collected.

202 fpv\_da 468-469 2 N First Prenatal Care Visit Day

\*\*\*2003-Present\*\*\*

DD

88 – No prenatal care

99 - Unknown/Not Stated

\*\*\*1980-2002\*\*\*

Not Collected.

203 fpv\_yr 470-473 4 N First Prenatal Care Visit Year

\*\*\*2003-Present\*\*\*

YYYY

8888 – No prenatal care

9999 - Unknown/Not Stated

\*\*\*1980-2002\*\*\*

Not Collected.

204 lpv\_mo 474-475 2 N Last Prenatal Care Visit Month

\*\*\*2003-Present\*\*\*

MM

88 – No prenatal care

99 - Unknown/Not Stated

\*\*\*1980-2002\*\*\*

Not Collected.

206 lpv\_da 476-477 2 N Last Prenatal Care Visit Day

\*\*\*2003-Present\*\*\*

DD

88 – No prenatal care

99 - Unknown/Not Stated

\*\*\*1980-2002\*\*\*

Not Collected.

206 lpv\_yr 478-481 4 N Last Prenatal Care Visit Year

\*\*\*2003-Present\*\*\*

YYYY

8888 – No prenatal care

9999 - Unknown/Not Stated

\*\*\*1980-2002\*\*\*

Not Collected.

207 cigs\_bef 482-483 2 N Number of Cigarettes Smoked 3

Months Before Pregnancy

The number of cigarettes a day that the mother smoked three months before she became pregnant.

Before using this field, see “Data Quality Technical Notes – Maternal

Smoking”

\*\*\*2003-Present\*\*\*

00 - None

01 - 1 or Less

20 - One Pack

99 - Unknown/Not Stated

\*\*\*1980-2002\*\*\*

099 - Not Collected

208 cigs\_1st 484-485 2 N Number of Cigarettes Smoked First

Trimester

The number of cigarettes a day that the mother smoked during the first three months of pregnancy.

Before using this field, see “Data Quality Technical Notes – Maternal

Smoking.” See cigs\_bef for

codes.

209 cigs\_2nd 486-487 2 N Number of Cigarettes Smoked Second

Trimester

The number of cigarettes a day that the mother smoked during the second three months of pregnancy.

Before using this field, see “Data Quality Technical Notes – Maternal

Smoking.” See cigs\_bef for

codes.

210 cigs\_3rd 488-489 2 N Number of Cigarettes Smoked Third

Trimester

The number of cigarettes a day that the mother smoked during the third three months of pregnancy.

Before using this field, see “Data Quality Technical Notes – Maternal

Smoking.” See cigs\_bef for

codes.

211 apgar10 490-492 3 N APGAR Score - 10 minutes

The numerical sum of points given for heart rate, respirator effort, muscle tone, reflexes and color. Score taken at 10 minutes. Only reported if 5 minute score is <6.

\*\*\*2003-Present\*\*\*

000-010 – Score

098 – Not applicable

999 – Unknown

\*\*\*1980-2002\*\*\*

099 - Not Collected

212 circumf 493-494 2 N Child’s Head Circumference

\*\*\*2003-Present\*\*\*

99 – Unknown

\*\*\*1980-2002\*\*\*

Not Collected

213 wghtdelv 495-497 3 N Mother’s Weight at Delivery

Number of pounds Mother weighed at delivery. Only whole number is kept. Before using this field, see “Data Quality Technical Notes - Weight Gained During Pregnancy, Prepregnancy Weight and Delivery Weight.”

\*\*\*2003-Present\*\*\*

999 - Unknown

\*\*\*1980-2002\*\*\*

Not Collected

214 ht\_ft 498-498 1 C Mother’s Height, Feet

Gives the feet part of the mother’s height

\*\*\*2003-Present\*\*\*

9 – Unknown

\*\*\*1980-2002\*\*\*

Not Collected

215 ht\_in 499-500 2 C Mother’s Height, Inches

Gives the inches part of the mother’s height

\*\*\*2003-Present\*\*\*

99 – Unknown

\*\*\*1980-2002\*\*\*

Not Collected

216 breastfd 501-501 1 C Infant Being Breastfed

\*\*\*2003-present\*\*\*

Y - Yes

N - No

U – Unknown

\*\*\*1980-2002\*\*\*

Not Collected.

217 WIC\_new 502-502 1 C WIC Benefits

Indicates whether the mother received WIC benefits during pregnancy. WIC (Women and Infant Children) is a free supplemental food and nutrition education program.

\*\*\*2003-present\*\*\*

Y - Yes

N - No

U – Unknown

\*\*\*1980-2002\*\*\*

Not Collected. See field 106.

218 hyperflg 503-503 1 C Hypertension Flag

Indicates type of hypertension if one of the medical risk factors (mrf1 - mrf6) notes that the mother had hypertension.

\*\*\*2003-Present\*\*\*

E - Prepregnancy

G – Gestational

U – Unknown

Blank – No hypertension

\*\*\*1980-2002\*\*\*

Not Collected. See individual medical risk factors (fields #59-64).

219 cephaflg 504-504 1 C External Cephalic Version Flag

Indicates results of external cephalic version if one of the obstetric procedures (obproc1 – obproc4) notes that the mother had external cephalic version.

\*\*\*2003-Present\*\*\*

N - No

S - Successful

F – Failed

U - Unknown

Y – Yes, result unspecified

\*\*\*1980-2002\*\*\*

Not Collected.

220 prev\_cno 505-506 2 N Number of Previous Cesarean

Deliveries. Entered if Medical Risk Factors Box 07 is checked.

\*\*\*2003-Present\*\*\*

99 – Unknown

\*\*\*1980-2002\*\*\*

Not Collected

221 forcfail 507-507 1 C Method of Delivery, Forceps Failed

Indicates whether forceps delivery was attempted but unsuccessful.

\*\*\*2003-Present\*\*\*

N - No

Y - Yes

U - Unknown

\*\*\*1980-2002\*\*\*

Not Collected.

222 vacfail 508-508 1 C Method of Delivery, Vacuum Failed

Indicates whether vacuum extraction delivery was attempted but unsuccessful.

\*\*\*2003-Present\*\*\*

N - No

Y - Yes

U - Unknown

\*\*\*1980-2002\*\*\*

Not Collected.

223 fet\_pres 509-509 1 C Fetal Presentation at Birth

\*\*\*2003-Present\*\*\*

C - Cephalic

B – Breech

O - Other

U - Unknown

\*\*\*1980-2002\*\*\*

Not Collected.

224 dmethfin 510-510 1 C Final Route and Method of Delivery

\*\*\*2003-Present\*\*\*

1 – Spontaneous vaginal

2 – Forceps

3 - Vacuum

4 – Cesarean with Trial of Labor

5 – Cesarean without Trial Labor

9 - Unknown

\*\*\*1980-2002\*\*\*

Not Collected.

225 labchar1 511-512 2 C Characteristics of Labor and

226 labchar2 513-514 2 Delivery

227 labchar3 515-516 2 This field consists of seven 2-

228 labchar4 517-518 2 digit entries. Each 2-digit entry

229 labchar5 519-520 2 corresponds to one of the

230 labchar6 521-522 2 characteristics listed below.

231 labchar7 523-524 2 Blanks in these 2-digit entries will make up the remainder of the field after the last

characteristic.

\*\*\*2003-present\*\*\*

01 – Induction of Labor

02 – Augmentation of Labor

03 – Non-Vertex Presentation

04 – Epidural or Spinal Anesthesia during Labor

05 – Steroids (glucocorticoids) Received by the Mother Prior to Delivery

06 – Antibiotics Received by the Mother during Labor

07 – Clinical Chorioamnionitis Diagnosed During Labor or Maternal Temperature >=880C (100.40F)

08 – Moderate/Heavy Meconium Staining of the Amniotic Fluid

09 – Fetal Intolerance of Labor such that One or More of the Following Actions was Taken: In-utero Resuscitation Measures, Further Fetal Assessment, or Operative Delivery

10 – None of the Above

99 - Unknown/Not Stated

\*\*\*1980-2002\*\*\*

Not collected. See ‘Complications of Labor and/or Delivery’ (Field #81-87).

232 minfect1 525-526 2 C Maternal Infections

233 minfect2 527-528 2 Infections Present and/or Treated 234 minfect3 529-530 2 During This Pregnancy. This field 235 minfect4 531-532 2 consists of seven 2-digit entries.

236 minfect5 533-534 2 Each 2-digit entry corresponds to

237 minfect6 535-536 2 one of the infections listed below.

238 minfect7 537-538 2 Blanks in these 2-digit entries will make up the remainder of the field after the last

infection.

\*\*\*2003-present\*\*\*

01 – Gonorrhea

02 – Syphilis

03 – Herpes Simplex Virus (HSV)

04 – Chlamydia

05 – Hepatitis B

06 – Hepatitis C

07 – HIV Infection

08 – Other Specify:

09 – None of the Above

99 - Unknown/Not Stated

\*\*\*1980-2002\*\*\*

Not collected

239 mmorbid1 539-540 2 C Maternal Morbidity. Complications

240 mmorbid2 541-542 2 Associated with Labor and

241 mmorbid3 543-544 2 Delivery. This field consists of

242 mmorbid4 545-546 2 five 2-digit entries. Each 2-digit

243 mmorbid5 547-548 2 entry corresponds to one of the

complications listed below.

Blanks in these 2-digit entries will make up the remainder of the field after the last

complication.

\*\*\*2003-present\*\*\*

01 – Maternal Transfusion

02 – Third or Fourth Degree Perineal Laceration

03 – Ruptured Uterus

04 – Unplanned Hysterectomy

05 – Admission to Intensive Care Unit

06 – Unplanned Operating Room Procedure Following Delivery

07 – None of the Above

99 - Unknown/Not Stated

\*\*\*1980-2002\*\*\*

Not collected.

244 labons1 549-550 2 C Onset of Labor

245 labons2 551-552 2 This field consists of

246 labons3 553-554 2 three 2-digit entries. Each 2-

digit entry corresponds to one of

the conditions listed below.

Blanks in these 2-digit entries will make up the remainder of the field after the last

condition.

\*\*\*2003-present\*\*\*

01 – Premature Rupture of the Membranes (Prolonged, >=12hr)

02 – Precipitous Labor (<3hr)

03 – Prolonged Labor (>=20hr)

04 – None of the Above

99 - Unknown/Not Stated

\*\*\*1980-2002\*\*\*

Not collected.

247 downsflg 555-555 1 C Down Syndrome Flag

Indicates whether karyotype was confirmed or pending. Entered if Congenital Malformations Box 10 is checked.

\*\*\*2003-Present\*\*\*

C – Confirmed

P - Pending

U - Unknown

\*\*\*1980-2002\*\*\*

Not Collected.

248 chromflg 556-556 1 C Chromosomal Disorder Flag

Indicates whether karyotype was confirmed or pending. Entered if Congenital Malformations Box 11 is checked.

\*\*\*2003-Present\*\*\*

C – Confirmed

P - Pending

U - Unknown

\*\*\*1980-2002\*\*\*

Not Collected.

249 moracsum 557-558 2 N Mother’s Summary Race

Mother’s race based on all check boxes reported, edited to remove duplicate race group. There is one code for each possible race combination. Before using this field, see “Data Quality Technical Notes – Race/Hispanic Origin (Mother, Father, Child).”

Note: for the race codes below, AIAN = American Indian/Alaska Native; NHOPI = Native Hawaiian or Other Pacific Islander.

\*\*\*2003-Present\*\*\*

Single race

10 – White only

11 – Black only

12 – AIAN only

13 – Asian only

14 – NHOPI only

Two races

20 – White, Black

21 – White, AIAN

22 – White, Asian

23 – White, NHOPI

24 – Black, AIAN

25 – Black, Asian

26 – Black, NHOPI

27 – AIAN, Asian

28 – AIAN, NHOPI

29 – Asian, NHOPI

Three races

30 – White, Black, AIAN

31 – White, Black, Asian

32 – White, Black, NHOPI

33 – White, AIAN, Asian

34 – White, AIAN, NHOPI

35 – White, Asian, NHOPI

36 – Black, AIAN, Asian

37 – Black, AIAN, NHOPI

38 – Black, Asian, NHOPI

39 – AIAN, Asian, NHOPI

Four races

40 – White, Black, AIAN, Asian

41 – White, Black, AIAN, NHOPI

42 – White, Black, Asian, NHOPI

43 – White, AIAN, Asian, NHOPI

44 – Black, AIAN, Asian, NHOPI

Five races

50 – White, Black, AIAN, Asian, NHOPI

Unknown

99 - Unknown

\*\*\*1980-2002\*\*\*

Not Collected

250 faracsum 559-560 2 N Father’s Summary Race

Father’s race based on all check boxes reported, edited to remove duplicate race group. There is one code for each possible race combination. Before using this field, see “Data Quality Technical Notes – Race/Hispanic Origin (Mother, Father, Child).”

\*\*\*2003-Present\*\*\*

See ‘Mother’s Summary Race” (moracsum) field

\*\*\*1980-2002\*\*\*

Not Collected

251 bmi 561-564 4 N Body Mass Index

Calculated from prepregnancy weight and height. Before using this field, see “Data Quality

Technical Notes – Body Mass Index (BMI).” BMI has one decimal place.

\*\*\*2003-Present\*\*\*

99.9 - Unknown

\*\*\*1980-2002\*\*\*

Not Collected

252 pnatfed 565-567 3 N NCHS Prenatal Care

NCHS method of calculation of prenatal care to file. Before using this field, see “data Quality Technical Notes – Month Prenatal Care Began.”

\*\*\*2011-present\*\*\*

999 - Unknown