

Table 12. Low birthweight live births among mothers 20 years of age and over, by detailed race, Hispanic origin, and education of mother: United States, selected years and reporting areas 1989-2007

(Data are based on birth certificates)

Education, race, and Hispanic origin of mother	28 reporting areas (1989 revision)					
	1989	1990	2000	2002	2006 <sup>1</sup>	2007 <sup>1</sup>
Less than 12 years of education						
Percent of live births weighing less than 2,500 grams <sup>2</sup>						
All races.....	9.0	8.6	8.2	8.2	9.2	9.1
White.....	7.3	7.0	7.1	7.1	7.9	7.7
Black or African American.....	17.0	16.5	14.9	15.0	15.0	15.6
American Indian or Alaska Native.....	7.3	7.4	7.2	8.4	7.6	8.1
Asian or Pacific Islander <sup>3</sup> .....	6.6	6.4	7.2	7.4	7.2	6.7
Hispanic or Latina <sup>4</sup> .....	6.0	5.7	6.0	6.0	6.6	6.4
Mexican.....	5.3	5.2	5.6	5.7	6.1	5.8
Puerto Rican.....	11.3	10.3	10.9	10.4	11.7	11.8
Cuban.....	9.4	7.9	8.4	7.5	*11.6	*
Central and South American.....	5.8	5.8	6.2	6.2	6.4	6.3
Other and unknown Hispanic or Latina...	8.2	8.0	8.6	7.8	9.5	8.8
Not Hispanic or Latina: <sup>4</sup>						
White.....	8.4	8.3	9.0	9.3	10.1	10.2
Black or African American.....	17.6	16.7	15.2	15.3	16.3	16.5
12 years of education						
All races.....	7.1	7.1	7.9	8.2	9.1	9.0
White.....	5.7	5.8	6.8	7.0	7.7	7.6
Black or African American.....	13.4	13.1	13.0	13.4	13.9	13.9
American Indian or Alaska Native.....	5.6	6.1	6.7	7.1	7.5	7.3
Asian or Pacific Islander <sup>3</sup> .....	6.4	6.5	7.4	7.9	8.2	7.9
Hispanic or Latina <sup>4</sup> .....	5.9	6.0	6.2	6.5	7.1	7.0
Mexican.....	5.2	5.5	5.8	6.1	6.3	6.4
Puerto Rican.....	8.8	8.3	8.8	9.3	10.5	9.9
Cuban.....	5.3	5.2	6.5	6.0	8.1	8.2
Central and South American.....	5.7	5.8	6.0	6.4	6.5	6.3
Other and unknown Hispanic or Latina...	6.1	6.6	7.3	7.7	8.7	8.5
Not Hispanic or Latina: <sup>4</sup>						
White.....	5.7	5.7	6.9	7.3	7.9	7.8
Black or African American.....	13.6	13.2	13.1	13.5	14.4	14.4
13 years or more of education						
All races.....	5.5	5.4	6.6	7.0	7.5	7.4
White.....	4.6	4.6	5.8	6.2	6.6	6.5
Black or African American.....	11.2	11.1	11.6	12.0	12.3	12.3
American Indian or Alaska Native.....	5.6	4.7	6.5	7.0	6.6	6.9
Asian or Pacific Islander <sup>3</sup> .....	6.1	6.0	7.0	7.6	8.4	8.3
Hispanic or Latina <sup>4</sup> .....	5.5	5.5	6.2	6.6	7.4	7.3

Mexican.....	5.1	5.2	5.8	6.2	6.8	6.1
Puerto Rican.....	7.4	7.4	7.9	8.9	9.5	9.3
Cuban.....	4.9	5.0	5.9	6.4	7.1	8.7
Central and South American.....	5.2	5.6	6.3	6.5	6.9	7.1
Other and unknown Hispanic or Latina...	5.4	5.2	6.6	7.0	8.0	8.4
Not Hispanic or Latina: <sup>4</sup>						
White.....	4.6	4.5	5.8	6.2	6.5	6.4
Black or African American.....	11.2	11.1	11.7	12.1	12.6	12.5

19 reporting areas  
(2003 revision)

Education, race,  
and Hispanic origin of mother

2006<sup>5</sup>      2007<sup>5</sup>

No high school diploma or GED

All races.....					7.9	8.0
White.....					7.1	7.2
Black or African American.....					14.6	14.4
American Indian or Alaska Native.....					8.4	8.9
Asian or Pacific Islander <sup>3</sup> .....					7.5	7.0
Hispanic or Latina.....					6.4	6.4
Mexican.....					6.1	6.2
Puerto Rican.....					10.6	10.9
Cuban.....					9.5	8.3
Central and South American.....					6.8	6.3
Other and unknown Hispanic or Latina...					8.5	8.7
Not Hispanic or Latina:						
White.....					9.4	9.6
Black or African American.....					15.5	15.5

High school diploma or GED

All races.....					8.5	8.3
White.....					7.5	7.3
Black or African American.....					13.6	13.8
American Indian or Alaska Native.....					8.3	7.2
Asian or Pacific Islander <sup>3</sup> .....					8.1	7.5
Hispanic or Latina.....					6.8	6.7
Mexican.....					6.6	6.4
Puerto Rican.....					9.2	8.8
Cuban.....					6.6	7.3
Central and South American.....					6.6	6.4
Other and unknown Hispanic or Latina...					8.0	8.3
Not Hispanic or Latina:						
White.....					7.9	7.8
Black or African American.....					14.0	14.2

Some college, no Bachelor's degree

All races.....					7.7	7.7
White.....					6.8	6.8

Black or African American.....	12.5	12.5
American Indian or Alaska Native.....	7.3	6.8
Asian or Pacific Islander <sup>3</sup> .....	8.0	7.9
Hispanic or Latina.....	7.0	7.1
Mexican.....	6.7	6.8
Puerto Rican.....	8.9	8.6
Cuban.....	6.9	7.3
Central and South American.....	6.6	6.9
Other and unknown Hispanic or Latina...	7.9	8.0
Not Hispanic or Latina:		
White.....	6.8	6.7
Black or African American.....	12.7	12.8
Bachelor's degree or more		
All races.....	6.8	6.8
White.....	6.3	6.3
Black or African American.....	11.2	11.2
American Indian or Alaska Native.....	7.1	6.5
Asian or Pacific Islander <sup>3</sup> .....	7.8	7.9
Hispanic or Latina.....	6.8	6.7
Mexican.....	6.7	6.6
Puerto Rican.....	7.1	8.3
Cuban.....	6.1	7.3
Central and South American.....	6.9	6.2
Other and unknown Hispanic or Latina...	7.6	7.3
Not Hispanic or Latina:		
White.....	6.3	6.2
Black or African American.....	11.4	11.4

---Data not available.

\*Percents preceded by an asterisk are based on fewer than 50 births in the numerator.

<sup>1</sup>Data are for the 28 reporting areas (26 states, District of Columbia (D.C.), and New York City) that used the 1989 Revision of the U.S. Standard Certificate of Live Birth in 2006 and 2007.

Reporting areas that have implemented the 2003 Revision of the U.S. Standard Certificate of Live Birth are excluded because maternal education data based on the 2003 revision are not comparable with data based on the 1989 or earlier revisions

See Appendix II, Education.

<sup>2</sup>Excludes live births with unknown birthweight. Percent based on live births with known birthweight.

<sup>3</sup>Starting with 2003 data, estimates are not available for Asian or Pacific Islander subgroups during the transition from single-race to multiple-race reporting. See Appendix II, Race, Birth File.

<sup>4</sup>Prior to 1993, data shown only for states with an Hispanic-origin item and education of mother item on the birth certificate. See Appendix II, Education; Hispanic origin.

<sup>5</sup>Data are for the 19 reporting areas that used the 2003 Revision of the U.S. Standard Certificate of Live Birth in 2006 and 2007.

Reporting areas that used the 1989 Revision of the U.S. Standard Certificate of Live Birth are excluded because maternal education data based on the 2003 revision are not comparable with data based on the 1989 or earlier revisions

See Appendix II, Education.

NOTES: Prior to 2003, all data are based on the 1989 or earlier revisions of the U.S. Standard Certificate of Live Birth.

In 1992-2002, education of mother was reported on the birth certificate by all 50 states and D.C. Prior to 1992, data from states lacking an education of mother item were excluded.

Starting in 2003 some states have implemented

the 2003 Revision of the U. S. Standard Certificate of Live Birth

on a voluntary basis. Data are not shown for 2006 and 2007 for the seven states that implemented the 2003 revision mid-year 2006 or during 2007.

See Appendix II, Education, for a listing of states that

used the 2003 revisions in 2006 and 2007.

The race groups, white, black, American Indian or Alaska Native, and Asian or Pacific Islander, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Starting with 2003 data, some states reported multiple-race data.

The multiple-race data for these states were bridged to the single-race categories of the 1977 Office of Management and Budget standards for comparability with other states. See Appendix II, Race. Interpretation of trend data should take into consideration changes in reporting areas and immigration. Some data have been revised and differ from previous editions of *Health, United States*. Data for additional years are available. See Appendix III.

SOURCE: CDC/NCHS,  
National Vital Statistics System, Birth File.

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