

**Selected preterm birth rates for 2014  
have been corrected in Table I-2--  
July 26, 2016**

# Births: Preliminary Data for 2015

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**Table I-1. Births, by total cesarean delivery and by low-risk cesarean delivery: United States and each state and territory, final 2014 and preliminary 2015**

[By place of residence. Data are based on a continuous file of records received from the states. Figures for 2015 are based on weighted data rounded to the nearest individual]

Area	Total cesarean		Low-risk cesarean <sup>1</sup>	
	2015	2014	2015	2014
	Percent of births			
United States <sup>2</sup> . . . . .	32.0	32.2	25.7	26.0
Alabama . . . . .	35.2	35.4	28.5	29.7
Alaska . . . . .	23.0	23.7	20.2	20.8
Arizona . . . . .	27.6	27.8	22.5	22.1
Arkansas . . . . .	32.3	32.0	24.9	24.2
California . . . . .	32.3	32.7	25.3	25.5
Colorado . . . . .	25.9	25.6	20.6	20.4
Connecticut . . . . .	34.0	34.2	28.3	28.2
Delaware . . . . .	32.0	31.5	25.3	25.5
District of Columbia . . . . .	31.8	32.8	27.1	27.9
Florida . . . . .	37.3	37.2	31.0	31.0
Georgia . . . . .	33.6	33.8	27.7	27.4
Hawaii . . . . .	25.9	24.6	20.3	17.9
Idaho . . . . .	24.4	24.2	19.4	19.3
Illinois . . . . .	31.0	31.2	24.2	24.6
Indiana . . . . .	29.6	30.3	22.9	24.0
Iowa . . . . .	29.8	30.0	23.8	23.7
Kansas . . . . .	29.6	29.8	23.8	23.5
Kentucky . . . . .	34.4	35.1	27.4	28.8
Louisiana . . . . .	37.5	38.3	30.8	30.9
Maine . . . . .	29.4	29.8	22.9	22.4
Maryland . . . . .	34.9	34.9	29.9	29.8
Massachusetts . . . . .	31.5	31.6	24.0	23.8
Michigan . . . . .	32.0	32.8	26.3	27.0
Minnesota . . . . .	26.5	26.5	21.6	21.1
Mississippi . . . . .	38.0	37.7	31.2	31.5
Missouri . . . . .	30.4	30.1	23.6	23.6
Montana . . . . .	29.7	31.4	23.7	26.4
Nebraska . . . . .	31.1	30.8	24.4	23.6
Nevada . . . . .	34.6	34.4	29.7	28.7
New Hampshire . . . . .	30.8	29.9	24.7	23.5
New Jersey . . . . .	36.6	37.4	30.8	31.6
New Mexico . . . . .	24.3	23.8	18.1	17.0
New York . . . . .	33.8	33.9	28.5	28.4
North Carolina . . . . .	29.3	29.5	22.8	22.7
North Dakota . . . . .	27.5	27.6	20.6	21.2
Ohio . . . . .	30.4	30.5	24.2	24.3
Oklahoma . . . . .	32.4	33.1	24.4	25.1
Oregon . . . . .	27.1	27.4	21.7	21.9
Pennsylvania . . . . .	30.1	30.4	24.7	25.1
Rhode Island . . . . .	30.8	30.7	23.6	25.8
South Carolina . . . . .	33.7	34.3	26.9	27.7
South Dakota . . . . .	25.7	24.8	18.5	19.3
Tennessee . . . . .	33.1	33.7	27.7	28.2
Texas . . . . .	34.4	34.9	27.0	28.0
Utah . . . . .	22.8	22.3	18.0	17.6
Vermont . . . . .	25.5	25.8	20.3	20.1
Virginia . . . . .	32.9	33.1	25.1	25.9
Washington . . . . .	27.5	27.6	22.8	22.7
West Virginia . . . . .	34.8	35.4	24.2	25.4
Wisconsin . . . . .	26.2	26.1	21.3	21.2
Wyoming . . . . .	27.3	27.8	17.8	21.4
Puerto Rico . . . . .	46.7	48.0	41.4	42.2
Virgin Islands . . . . .	---	---	---	---
Guam . . . . .	26.3	23.2	11.7	8.5
American Samoa . . . . .	---	---	---	---
Northern Marianas . . . . .	27.6	23.0	26.5	19.9

--- Data not available.

<sup>1</sup>Defined as singleton, term (37 weeks or more of gestation based on obstetric estimate; see Technical Notes), vertex (not breech) cesarean deliveries to women having a first birth per 100 women delivering singleton, term, vertex first births.<sup>2</sup>Excludes data for the territories.

NOTE: For information on the relative standard errors of the data and further discussion of random variation, see Technical Notes of "Births: Preliminary Data for 2005."

**Table I-2. Preterm and late preterm births: United States and each state and territory, final 2014 and preliminary 2015**

[By place of residence. Data are based on a continuous file of records received from the states. Figures for 2015 are based on weighted data rounded to the nearest individual]

Area	2015		2014	
	Late preterm <sup>1</sup>	Preterm <sup>2</sup>	Late preterm <sup>1</sup>	Preterm <sup>2</sup>
	Percent of births			
United States <sup>3</sup> . . . . .	6.87	9.62	6.82	9.57
Alabama . . . . .	8.20	11.73	8.16	11.66
Alaska . . . . .	6.83	8.94	6.42	8.51
Arizona . . . . .	6.69	9.05	6.66	9.01
Arkansas . . . . .	7.66	10.82	7.21	9.99
California . . . . .	6.16	8.47	5.99	8.28
Colorado . . . . .	6.36	8.67	6.08	8.38
Connecticut . . . . .	6.53	9.35	6.61	9.23
Delaware . . . . .	6.44	9.87	6.28	9.29
District of Columbia . . . . .	6.52	10.27	6.23	9.63
Florida . . . . .	6.94	10.00	6.85	9.93
Georgia . . . . .	7.52	10.75	7.50	10.75
Hawaii . . . . .	7.45	10.12	7.65	10.04
Idaho . . . . .	5.96	8.14	6.17	8.15
Illinois . . . . .	7.17	10.15	7.09	10.11
Indiana . . . . .	6.89	9.60	6.99	9.69
Iowa . . . . .	6.61	9.04	6.87	9.27
Kansas . . . . .	6.34	8.75	6.21	8.73
Kentucky . . . . .	7.88	10.77	7.91	10.74
Louisiana . . . . .	8.67	12.31	8.75	12.29
Maine . . . . .	6.07	8.43	6.00	8.35
Maryland . . . . .	6.95	10.03	7.06	10.09
Massachusetts . . . . .	6.05	8.44	6.15	8.61
Michigan . . . . .	6.97	9.89	6.85	9.76
Minnesota . . . . .	6.15	8.47	6.39	8.67
Mississippi . . . . .	9.05	13.05	9.00	12.91
Missouri . . . . .	7.16	10.02	7.05	9.76
Montana . . . . .	6.43	8.42	6.88	9.31
Nebraska . . . . .	7.37	9.86	6.66	9.11
Nevada . . . . .	7.26	9.95	7.29	10.11
New Hampshire . . . . .	5.65	7.90	5.83	8.24
New Jersey . . . . .	6.92	9.57	6.78	9.57
New Mexico . . . . .	6.99	9.47	6.65	9.17
New York . . . . .	6.10	8.66	6.23	8.85
North Carolina . . . . .	6.98	10.18	6.75	9.74
North Dakota . . . . .	6.10	8.45	6.17	8.35
Ohio . . . . .	7.28	10.27	7.14	10.26
Oklahoma . . . . .	7.57	10.33	7.53	10.31
Oregon . . . . .	5.45	7.58	5.70	7.71
Pennsylvania . . . . .	6.57	9.40	6.52	9.36
Rhode Island . . . . .	6.02	8.65	6.11	8.62
South Carolina . . . . .	7.68	11.07	7.47	10.78
South Dakota . . . . .	6.49	8.55	6.35	8.48
Tennessee . . . . .	7.84	10.90	7.72	10.77
Texas . . . . .	7.33	10.16	7.45	10.35
Utah . . . . .	6.91	9.30	6.81	9.14
Vermont . . . . .	4.98	7.26	5.39	7.93
Virginia . . . . .	6.50	9.23	6.50	9.22
Washington . . . . .	5.88	8.12	5.85	8.05
West Virginia . . . . .	8.18	11.24	8.00	10.83
Wisconsin . . . . .	6.82	9.38	6.64	9.19
Wyoming . . . . .	7.29	9.79	7.63	11.22
Puerto Rico . . . . .	8.42	11.39	8.87	11.82
Virgin Islands . . . . .	---	---	---	---
Guam . . . . .	7.05	9.83	7.32	9.66
American Samoa . . . . .	---	---	---	---
Northern Marianas . . . . .	8.02	10.49	7.16	9.28

--- Data not available.

<sup>1</sup>Births at 34–36 completed weeks of gestation based on the obstetric estimate; see Technical Notes.<sup>2</sup>Births of less than 37 completed weeks of gestation based on the obstetric estimate; see Technical Notes.<sup>3</sup>Excludes data for the territories.

NOTE: For information on the relative standard errors of the data and further discussion of random variation, see Technical Notes of "Births: Preliminary Data for 2005."

**Table I-3. Selected health characteristics of births (gestational age based on LMP), by race and Hispanic origin of mother: United States, final 2014 and preliminary 2015**

[Data for 2015 are based on a continuous file of records received from the states. Figures for 2015 are based on weighted data rounded to the nearest individual]

Race and Hispanic origin of mother	Cesarean delivery				Preterm				Low birthweight			
	Total <sup>1</sup>		Low-risk <sup>2</sup>		Total <sup>3</sup>		Late <sup>4</sup>		Total <sup>5</sup>		Very low birthweight <sup>6</sup>	
	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014
All races and origins <sup>7</sup> . . . . .	32.0	32.2	25.8	26.1	11.29	11.32	7.93	7.96	8.07	8.00	1.39	1.40
Non-Hispanic white <sup>8</sup> . . . . .	31.1	31.4	24.8	25.0	10.08	10.14	7.26	7.32	6.93	6.96	1.09	1.10
Non-Hispanic black <sup>8</sup> . . . . .	35.5	35.6	29.9	30.2	16.24	16.29	10.35	10.46	13.33	13.17	2.88	2.87
American Indian or Alaska Native total <sup>8,9</sup> . . . . .	28.3	28.5	22.6	22.1	13.23	13.25	9.28	9.32	7.51	7.65	1.26	1.27
Asian or Pacific Islander total <sup>8,9</sup> . . . . .	33.0	33.2	27.6	27.5	9.97	9.82	7.29	7.17	8.40	8.05	1.13	1.15
Hispanic <sup>10</sup> . . . . .	31.7	31.9	25.3	25.9	11.19	11.23	8.05	8.06	7.20	7.05	1.22	1.23

<sup>1</sup>All births by cesarean delivery per 100 live births.<sup>2</sup>Defined as singleton, term (37 weeks or more of gestation based on the date of the mother's last normal menses), vertex (not breech) cesarean deliveries to women having a first birth per 100 women delivering singleton, term, vertex first births.<sup>3</sup>Born prior to 37 completed weeks of gestation based on the date of the mother's last normal menses (LMP).<sup>4</sup>Born between 34 and 36 completed weeks of gestation based on the date of the mother's last normal menses.<sup>5</sup>Birthweight of less than 2,500 grams (5 lb 8 oz).<sup>6</sup>Birthweight of less than 1,500 grams (3 lb 4 oz).<sup>7</sup>Includes births to race and origin groups not shown separately, such as white-Hispanic and black-Hispanic women, and births with origin not stated.<sup>8</sup>Race and Hispanic origin are reported separately on birth certificates. Persons of Hispanic origin may be of any race. Race categories are consistent with the 1977 Office of Management and Budget (OMB) standards. Forty-nine states and the District of Columbia reported multiple-race data in 2015. The multiple-race data for these states were bridged to the single-race categories of the OMB standards for comparability with other states; see Technical Notes of "Births: Preliminary Data for 2015." Multiple-race reporting areas vary for 2014-2015; see Technical Notes of "Births: Preliminary Data for 2015."<sup>9</sup>Includes persons of Hispanic and non-Hispanic origin and origin not stated, according to the mother's reported race; see Technical Notes of "Births: Preliminary Data for 2015."<sup>10</sup>Includes all persons of Hispanic origin of any race; see Technical Notes of "Births: Preliminary Data for 2015."

NOTE: For information on the relative standard errors of the data and further discussion of random variation, see Technical Notes of "Births: Preliminary Data for 2005."

**Table I-4. Distribution of births born preterm (gestational age based on LMP): United States, final 2007 and 2014 and preliminary 2015**

[Data for 2015 are based on a continuous file of records received from the states. Figures for 2015 are based on weighted data rounded to the nearest individual]

Gestational age (weeks) <sup>1</sup>	2015	2014	2007
	Percent		
Under 32 . . . . .	1.89	1.90	2.04
32-33 . . . . .	1.47	1.46	1.60
Total under 34 . . . . .	3.36	3.36	3.64
34-36 . . . . .	7.93	7.96	9.04
Total under 37 . . . . .	11.29	11.32	12.68

<sup>1</sup>Completed weeks of gestation based on the date of the mother's last normal menses (LMP).

NOTES: Preterm births are those born prior to 37 completed weeks of gestation. For information on the relative standard errors of the data and further discussion of random variation, see Technical Notes of "Births: Preliminary Data for 2005."

**Table I-5. Births, by total cesarean delivery and by low-risk cesarean delivery (gestational age based on LMP): United States and each state and territory, final 2014 and preliminary 2015**

[By place of residence. Data are based on a continuous file of records received from the states. Figures for 2015 are based on weighted data rounded to the nearest individual]

Area	Total cesarean		Low-risk cesarean <sup>1</sup>	
	2015	2014	2015	2014
	Percent of births			
United States <sup>2</sup> . . . . .	32.0	32.2	25.8	26.1
Alabama . . . . .	35.2	35.4	28.5	30.1
Alaska . . . . .	23.0	23.7	20.3	20.7
Arizona . . . . .	27.6	27.8	22.6	22.2
Arkansas . . . . .	32.3	32.0	24.8	24.3
California . . . . .	32.3	32.7	25.4	25.5
Colorado . . . . .	25.9	25.6	20.6	20.5
Connecticut . . . . .	34.0	34.2	28.1	28.2
Delaware . . . . .	32.0	31.5	25.5	25.8
District of Columbia . . . . .	31.8	32.8	27.4	28.0
Florida . . . . .	37.3	37.2	31.2	31.0
Georgia . . . . .	33.6	33.8	27.9	27.5
Hawaii . . . . .	25.9	24.6	20.6	18.1
Idaho . . . . .	24.4	24.2	19.6	19.3
Illinois . . . . .	31.0	31.2	24.3	24.7
Indiana . . . . .	29.6	30.3	22.9	24.0
Iowa . . . . .	29.8	30.0	23.9	23.7
Kansas . . . . .	29.6	29.8	23.8	23.6
Kentucky . . . . .	34.4	35.1	27.6	28.8
Louisiana . . . . .	37.5	38.3	31.0	31.1
Maine . . . . .	29.4	29.8	23.2	22.5
Maryland . . . . .	34.9	34.9	30.0	29.9
Massachusetts . . . . .	31.5	31.6	24.0	23.9
Michigan . . . . .	32.0	32.8	26.4	27.1
Minnesota . . . . .	26.5	26.5	21.7	21.2
Mississippi . . . . .	38.0	37.7	31.7	31.6
Missouri . . . . .	30.4	30.1	23.6	23.7
Montana . . . . .	29.7	31.4	23.7	26.5
Nebraska . . . . .	31.1	30.8	24.6	23.8
Nevada . . . . .	34.6	34.4	29.8	28.9
New Hampshire . . . . .	30.8	29.9	24.7	23.4
New Jersey . . . . .	36.6	37.4	30.9	31.7
New Mexico . . . . .	24.3	23.8	18.2	17.1
New York . . . . .	33.8	33.9	28.5	28.5
North Carolina . . . . .	29.3	29.5	22.8	22.9
North Dakota . . . . .	27.5	27.6	20.5	21.4
Ohio . . . . .	30.4	30.5	24.4	24.4
Oklahoma . . . . .	32.4	33.1	24.5	25.2
Oregon . . . . .	27.1	27.4	21.8	21.9
Pennsylvania . . . . .	30.1	30.4	24.8	25.2
Rhode Island . . . . .	30.8	30.7	23.8	25.9
South Carolina . . . . .	33.7	34.3	26.8	27.8
South Dakota . . . . .	25.7	24.8	18.5	19.4
Tennessee . . . . .	33.1	33.7	27.8	28.3
Texas . . . . .	34.4	34.9	27.1	28.2
Utah . . . . .	22.8	22.3	18.1	17.6
Vermont . . . . .	25.5	25.8	20.1	20.3
Virginia . . . . .	32.9	33.1	25.1	25.9
Washington . . . . .	27.5	27.6	22.8	22.8
West Virginia . . . . .	34.8	35.4	24.2	25.5
Wisconsin . . . . .	26.2	26.1	21.3	21.2
Wyoming . . . . .	27.3	27.8	17.9	21.6
Puerto Rico . . . . .	46.7	48.0	41.6	42.3
Virgin Islands . . . . .	---	---	---	---
Guam . . . . .	26.3	23.2	11.4	8.0
American Samoa . . . . .	---	---	---	---
Northern Marianas . . . . .	27.6	23.0	26.9	22.4

--- Data not available.

<sup>1</sup>Defined as singleton, term (37 weeks or more of gestation based on the date of the mother's last normal menses [LMP]), vertex (not breech) cesarean deliveries to women having a first birth per 100 women delivering singleton, term, vertex first births.<sup>2</sup>Excludes data for the territories.

NOTE: For information on the relative standard errors of the data and further discussion of random variation, see Technical Notes of "Births: Preliminary Data for 2005."

**Table I-6. Preterm and late preterm births (gestational age based on LMP): United States and each state and territory, final 2014 and preliminary 2015**

[By place of residence. Data are based on a continuous file of records received from the states. Figures for 2015 are based on weighted data rounded to the nearest individual]

Area	2015		2014	
	Late preterm <sup>1</sup>	Preterm <sup>2</sup>	Late preterm <sup>1</sup>	Preterm <sup>2</sup>
	Percent of births			
United States <sup>3</sup> . . . . .	7.93	11.29	7.96	11.32
Alabama . . . . .	10.10	15.08	10.31	15.24
Alaska . . . . .	7.59	10.29	7.47	10.10
Arizona . . . . .	8.14	11.45	8.26	11.64
Arkansas . . . . .	9.47	13.39	9.17	12.62
California . . . . .	6.34	8.72	6.16	8.50
Colorado . . . . .	7.70	10.59	7.25	10.07
Connecticut . . . . .	6.75	9.75	6.52	9.40
Delaware . . . . .	8.47	13.26	8.18	12.67
District of Columbia . . . . .	8.04	12.47	8.98	13.35
Florida . . . . .	8.78	12.71	9.05	13.06
Georgia . . . . .	8.57	12.45	8.67	12.62
Hawaii . . . . .	8.37	12.09	8.69	12.06
Idaho . . . . .	7.40	10.24	7.20	9.79
Illinois . . . . .	8.16	11.85	8.09	11.84
Indiana . . . . .	7.72	10.91	7.87	10.98
Iowa . . . . .	7.59	10.86	7.87	11.27
Kansas . . . . .	7.26	9.81	7.94	10.91
Kentucky . . . . .	8.81	12.59	8.78	12.61
Louisiana . . . . .	10.27	15.10	10.48	15.19
Maine . . . . .	6.63	9.10	6.63	9.07
Maryland . . . . .	8.17	12.00	8.45	12.25
Massachusetts . . . . .	6.96	9.70	6.99	9.81
Michigan . . . . .	8.15	11.80	8.20	11.85
Minnesota . . . . .	6.95	9.92	7.10	10.02
Mississippi . . . . .	10.95	16.13	10.98	15.99
Missouri . . . . .	8.32	11.80	8.31	11.74
Montana . . . . .	7.94	10.64	8.17	11.48
Nebraska . . . . .	8.28	11.50	7.53	10.65
Nevada . . . . .	8.91	12.38	9.33	13.05
New Hampshire . . . . .	6.41	9.11	6.40	9.08
New Jersey . . . . .	7.91	11.34	7.87	11.35
New Mexico . . . . .	9.11	11.94	8.49	11.43
New York . . . . .	7.40	10.40	7.57	10.65
North Carolina . . . . .	8.07	12.35	8.00	12.03
North Dakota . . . . .	7.27	10.21	7.05	9.92
Ohio . . . . .	8.05	11.92	8.17	12.02
Oklahoma . . . . .	9.27	13.01	9.13	12.91
Oregon . . . . .	6.62	9.10	6.83	9.28
Pennsylvania . . . . .	7.41	10.78	7.26	10.57
Rhode Island . . . . .	6.89	10.04	7.22	10.24
South Carolina . . . . .	8.83	13.23	9.08	13.48
South Dakota . . . . .	7.86	10.78	8.01	10.97
Tennessee . . . . .	8.73	12.40	9.00	12.54
Texas . . . . .	8.70	12.11	8.89	12.39
Utah . . . . .	7.78	10.50	7.62	10.16
Vermont . . . . .	5.68	8.27	5.66	8.60
Virginia . . . . .	7.39	10.69	7.46	10.75
Washington . . . . .	6.83	9.66	6.80	9.61
West Virginia . . . . .	9.23	13.10	9.36	13.22
Wisconsin . . . . .	7.46	10.17	7.32	10.22
Wyoming . . . . .	7.69	10.45	8.39	11.51
Puerto Rico . . . . .	10.69	14.97	10.90	15.18
Virgin Islands . . . . .	---	---	---	---
Guam . . . . .	9.76	14.92	11.53	15.91
American Samoa . . . . .	---	---	---	---
Northern Marianas . . . . .	8.64	14.51	10.25	12.96

--- Data not available.

<sup>1</sup>Births at 34–36 completed weeks of gestation based on the date of the mother's last normal menses (LMP).<sup>2</sup>Births of less than 37 completed weeks of gestation based on the date of the mother's last normal menses.<sup>3</sup>Excludes data for the territories.

NOTE: For information on the relative standard errors of the data and further discussion of random variation, see Technical Notes of "Births: Preliminary Data for 2005."