

# Births: Final Data for 2017

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**Table I-1. Time of birth, by day of week of birth and race and Hispanic origin of mother: United States, 2017**

[Percentages are number of live births with specified time of birth per 100 live births in specified group]

Time of birth and race and Hispanic origin of mother	All births	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>All races and origins<sup>1</sup></b>								
Percent								
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12:00 a.m.–5:59 a.m.	17.6	22.5	14.4	16.2	16.5	16.6	17.0	23.2
6:00 a.m.–11:59 a.m.	28.9	27.1	29.8	29.5	29.2	28.8	30.0	26.9
12:00 p.m.–5:59 p.m.	30.6	27.0	32.3	31.6	31.5	31.5	31.1	27.1
6:00 p.m.–11:59 p.m.	22.8	23.4	23.5	22.7	22.9	23.0	21.9	22.8
Number								
Total	3,855,500	379,709	572,409	621,061	621,359	621,888	612,505	426,569
Not stated <sup>2</sup>	726	108	80	110	105	108	106	109
<b>Non-Hispanic, single race<sup>3</sup></b>								
<b>White:</b>								
Percent								
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12:00 a.m.–5:59 a.m.	17.1	22.7	13.6	15.7	15.9	15.9	16.5	23.5
6:00 a.m.–11:59 a.m.	29.0	26.7	30.1	29.5	29.1	28.8	30.4	26.4
12:00 p.m.–5:59 p.m.	31.1	26.9	32.8	32.2	32.0	32.2	31.3	26.9
6:00 p.m.–11:59 p.m.	22.9	23.7	23.6	22.6	22.9	23.1	21.7	23.2
Number								
Total	1,992,461	185,210	299,824	325,221	324,934	326,512	320,918	209,842
Not stated <sup>2</sup>	522	72	61	70	83	76	75	85
<b>Black:</b>								
Percent								
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12:00 a.m.–5:59 a.m.	18.1	22.8	14.9	16.7	17.0	17.4	17.7	23.2
6:00 a.m.–11:59 a.m.	28.5	26.9	29.2	29.1	28.8	28.5	29.1	27.0
12:00 p.m.–5:59 p.m.	30.6	26.7	32.4	31.8	31.6	31.3	31.0	27.2
6:00 p.m.–11:59 p.m.	22.8	23.6	23.4	22.4	22.6	22.8	22.2	22.6
Number								
Total	560,715	56,822	82,370	89,917	90,389	90,052	87,685	63,480
Not stated <sup>2</sup>	40	7	3	4	8	10	5	3
<b>Hispanic<sup>4</sup></b>								
Percent								
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12:00 a.m.–5:59 a.m.	17.9	21.8	15.0	16.7	17.0	17.3	17.4	22.5
6:00 a.m.–11:59 a.m.	29.3	27.9	30.1	29.9	29.6	29.0	30.1	27.8
12:00 p.m.–5:59 p.m.	30.1	27.5	31.7	30.8	30.6	30.7	30.6	27.4
6:00 p.m.–11:59 p.m.	22.6	22.9	23.2	22.6	22.8	23.0	21.8	22.3
Number								
Total	898,764	93,842	131,828	143,311	142,358	141,696	140,423	105,306
Not stated <sup>2</sup>	46	4	4	14	2	7	10	5

<sup>1</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>2</sup>No response reported for time of birth. See Technical Notes in report.

<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes. Single race is defined as only one race reported on the birth certificate.

<sup>4</sup>Includes all persons of Hispanic origin of any race.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-2. Births, and seasonally adjusted birth rates, by month: United States, 2017**

[Rates on an annual basis per 1,000 population for specified month. Birth rates are births per 1,000 total population. Fertility rates are births per 1,000 women aged 15–44. Monthly populations estimated as of the first of each month]

Month	Number	Observed		Seasonally adjusted <sup>1</sup>	
		Birth rate	Fertility rate	Birth rate	Fertility rate
Total	3,855,500	11.8	60.3	...	...
January	313,786	11.4	57.9	13.0	65.1
February	289,054	11.6	59.0	13.0	65.1
March	319,625	11.6	58.9	13.0	65.1
April	300,116	11.2	57.2	12.9	64.8
May	322,456	11.7	59.4	12.9	64.9
June	323,920	12.1	61.7	12.9	65.0
July	334,924	12.1	61.7	12.9	64.6
August	352,151	12.7	64.8	12.9	64.8
September	337,175	12.6	64.1	12.7	64.4
October	329,869	11.9	60.6	12.8	64.5
November	316,511	11.8	60.1	12.8	64.2
December	315,913	11.4	58.0	12.7	64.3

... Category not applicable.

<sup>1</sup>Method of seasonal adjustment developed by the U.S. Census Bureau (Shiskin J, Young AH, Musgrave JC. The X-11 variant of the census method II seasonal adjustment program. Technical Paper no. 15. U.S. Census Bureau. 1967. Available from: <https://www.census.gov/ts/papers/ShiskinYoungMusgrave1967.pdf>).

NOTE: Monthly population estimates for 2017 were provided by the U.S. Census Bureau (monthly national population estimates by age, sex, race, and Hispanic origin, and population universe for the United States: April 1, 2010 to December 1, 2018, monthly postcensal resident population: <https://www.census.gov/data/datasets/2017/demo/pepost/nation-detail.html>).

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-3. Births, by day of week and method of delivery: United States, 2017**

Day of week	Average number of births	Index of occurrence <sup>1</sup>		
		Total <sup>2</sup>	Method of delivery	
			Vaginal	Cesarean
Total	10,563	100.0	100.0	100.0
Sunday	7,164	67.8	76.7	48.9
Monday	11,008	104.2	98.7	115.8
Tuesday	11,943	113.1	109.6	120.6
Wednesday	11,949	113.1	110.5	118.8
Thursday	11,959	113.2	111.0	117.9
Friday	11,779	111.5	107.0	121.1
Saturday	8,203	77.7	86.9	58.0

<sup>1</sup>Ratio of the average number of births by a specified method of delivery on a given day of the week to the average daily number of births by a specified method of delivery for the year, multiplied by 100.

<sup>2</sup>Includes method of delivery not stated.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-4. Births, by attendant, place of delivery, and race and Hispanic origin of mother: United States, 2017**

Place of delivery and race and Hispanic origin of mother	All births	Physician			Midwife			Other	Unspecified
		Total	Doctor of medicine	Doctor of osteopathy	Total	Certified nurse midwife	Other midwife		
All races and origins <sup>1</sup>									
Total	3,855,500	3,438,416	3,142,479	295,937	381,894	351,968	29,926	32,401	2,789
In hospital <sup>2</sup>	3,793,272	3,435,769	3,140,158	295,611	335,932	331,141	4,791	20,002	1,569
Not in hospital	62,047	2,598	2,274	324	45,937	20,809	25,128	12,344	1,168
Freestanding birthing center	19,878	530	396	134	18,468	11,203	7,265	778	102
Clinic or doctor's office	553	134	121	13	381	302	79	30	8
Residence	38,343	1,385	1,261	124	26,223	9,139	17,084	9,889	846
Other	3,273	549	496	53	865	165	700	1,647	212
Not specified	181	49	47	2	25	18	7	55	52
Non-Hispanic, single race <sup>3</sup>									
White:									
Total	1,992,461	1,756,337	1,577,581	178,756	216,132	192,751	23,381	18,746	1,246
In hospital <sup>2</sup>	1,944,514	1,754,760	1,576,252	178,508	178,589	175,898	2,691	10,537	628
Not in hospital	47,864	1,553	1,307	246	37,528	16,844	20,684	8,179	604
Freestanding birthing center	15,524	482	353	129	14,330	8,839	5,491	630	82
Clinic or doctor's office	461	91	82	9	356	282	74	8	6
Residence	30,023	697	612	85	22,056	7,605	14,451	6,842	428
Other	1,856	283	260	23	786	118	668	699	88
Not specified	83	24	22	2	15	9	6	30	14
Black:									
Total	560,715	510,903	479,741	31,162	45,055	43,544	1,511	4,276	481
In hospital <sup>2</sup>	556,594	510,349	479,213	31,136	43,159	42,520	639	2,793	293
Not in hospital	4,084	540	514	26	1,892	1,021	871	1,468	184
Freestanding birthing center	1,148	20	20	—	1,106	663	443	16	6
Clinic or doctor's office	20	14	13	1	4	2	2	2	—
Residence	2,488	386	369	17	757	340	417	1,198	147
Other	428	120	112	8	25	16	9	252	31
Not specified	37	14	14	—	4	3	1	15	4

**Table I-4. Births, by attendant, place of delivery, and race and Hispanic origin of mother: United States, 2017**

Place of delivery and race and Hispanic origin of mother	All births	Physician			Midwife				
		Total	Doctor of medicine	Doctor of osteopathy	Total	Certified nurse midwife	Other midwife	Other	Unspecified
Hispanic <sup>4</sup>									
Total	898,764	810,789	750,122	60,667	81,666	78,412	3,254	5,764	545
In hospital <sup>2</sup>	893,222	810,494	749,855	60,639	77,930	76,816	1,114	4,482	316
Not in hospital	5,523	289	261	28	3,735	1,595	2,140	1,276	223
Freestanding birthing center	1,981	17	14	3	1,882	986	896	73	9
Clinic or doctor's office	29	12	11	1	14	12	2	1	2
Residence	3,080	180	170	10	1,807	578	1,229	935	158
Other	433	80	66	14	32	19	13	267	54
Not specified	19	6	6	–	1	1	–	6	6

– Quantity zero.

<sup>1</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>2</sup>Includes births occurring en route to or on arrival at hospital.<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>4</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-5. Births occurring at home, by state: United States and each state, 2017**  
 [By place of residence]

Area	Number	Percent
United States	38,343	1.0
Alabama	182	0.3
Alaska	206	2.0
Arizona	706	0.9
Arkansas	292	0.8
California	3,520	0.7
Colorado	1,040	1.6
Connecticut	212	0.6
Delaware	83	0.8
District of Columbia	56	0.6
Florida	2,020	0.9
Georgia	822	0.6
Hawaii	318	1.8
Idaho	504	2.3
Illinois	784	0.5
Indiana	1,354	1.6
Iowa	489	1.3
Kansas	449	1.2
Kentucky	641	1.2
Louisiana	173	0.3
Maine	243	2.0
Maryland	515	0.7
Massachusetts	402	0.6
Michigan	1,375	1.2
Minnesota	972	1.4
Mississippi	179	0.5
Missouri	1,164	1.6
Montana	323	2.7
Nebraska	90	0.3
Nevada	487	1.4
New Hampshire	143	1.2
New Jersey	397	0.4
New Mexico	283	1.2
New York	2,339	1.0
North Carolina	642	0.5
North Dakota	123	1.1
Ohio	1,482	1.1
Oklahoma	543	1.1
Oregon	916	2.1
Pennsylvania	2,611	1.9
Rhode Island	51	0.5
South Carolina	406	0.7
South Dakota	99	0.8
Tennessee	785	1.0
Texas	2,378	0.6
Utah	993	2.0
Vermont	145	2.6
Virginia	878	0.9
Washington	1,877	2.1
West Virginia	125	0.7
Wisconsin	1,366	2.1
Wyoming	160	2.3

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-6. Mean age of mother, by live-birth order: United States, 2010–2017, and by race and Hispanic origin of mother, 2016 and 2017**

[Mean age at birth is the arithmetic average of the age of mothers at time of birth, computed directly from the frequency of births by age of mother and live-birth order. Live-birth order refers to number of children born alive to mother]

Year and race and Hispanic origin of mother	Live-birth order								Unknown or not stated
	Total	1	2	3	4	5	6 and 7	8 and over	
All races and origins <sup>1</sup>									
2017	28.8	26.8	29.2	30.3	31.4	32.4	33.7	36.0	29.1
2016	28.7	26.6	29.0	30.2	31.3	32.3	33.5	35.9	28.7
2015	28.5	26.4	28.8	30.1	31.2	32.2	33.4	35.8	29.3
2014	28.3	26.3	28.7	30.0	31.1	32.0	33.4	35.7	28.7
2013	28.2	26.0	28.6	29.9	31.0	32.0	33.3	35.7	28.3
2012	28.0	25.8	28.4	29.8	30.9	31.9	33.2	35.7	27.9
2011	27.9	25.6	28.3	29.7	30.8	31.8	33.1	35.5	28.2
2010	27.7	25.4	28.2	29.6	30.7	31.7	33.0	35.7	27.7
Non-Hispanic, single race <sup>2</sup>									
White									
2017	29.3	27.6	29.7	30.7	31.6	32.6	34.0	36.8	29.5
2016	29.2	27.4	29.5	30.6	31.5	32.5	33.9	36.7	29.4
Black									
2017	27.7	24.9	27.7	29.3	30.4	31.3	32.5	34.9	28.0
2016	27.4	24.8	27.6	29.1	30.2	31.1	32.3	34.6	27.1
American Indian or Alaska Native									
2017	26.8	23.3	26.1	28.1	29.6	31.3	32.6	34.4	27.8
2016	26.7	23.2	26.1	28.0	29.6	31.1	32.0	34.8	28.1
Asian									
2017	31.7	30.3	32.5	33.4	33.9	34.4	35.2	36.3	32.0
2016	31.5	30.1	32.3	33.3	33.6	34.1	34.9	36.3	31.4
Native Hawaiian or Other Pacific Islander									
2017	28.0	24.9	27.2	28.9	30.5	31.4	33.0	35.4	26.8
2016	27.9	24.8	27.0	28.9	30.1	31.7	33.2	35.3	27.6
Hispanic <sup>3</sup>									
2017	28.0	24.8	27.8	29.9	31.6	32.9	34.1	35.5	29.0
2016	27.8	24.7	27.6	29.8	31.5	32.7	34.0	35.3	28.3

<sup>1</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>2</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 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.

<sup>3</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

SOURCE: NCHS, National Vital Statistics System, Natality.



**Table I-7. Births to unmarried women, by race and Hispanic origin of mother: United States, each state and territory, 2017**

[By place of residence]

Area	Births to unmarried women				Percent unmarried			
	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>			All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		
		White	Black	Hispanic <sup>3</sup>		White	Black	Hispanic <sup>3</sup>
United States <sup>4</sup>	1,533,901	566,264	388,979	468,528	39.8	28.4	69.4	52.1
Alabama	27,755	10,968	14,053	2,010	47.1	31.9	78.2	44.2
Alaska	3,689	1,097	94	249	35.3	20.9	28.6	31.2
Arizona	36,652	10,132	2,542	19,105	44.8	30.1	59.9	55.6
Arkansas	17,072	8,358	5,691	2,015	45.5	34.7	80.4	49.8
California	176,801	27,954	15,123	114,138	37.5	21.9	64.5	51.9
Colorado	14,514	6,184	1,164	5,992	22.5	16.5	37.4	33.1
Connecticut	12,886	4,172	2,703	5,415	36.6	22.1	62.8	61.3
Delaware	5,168	1,834	2,014	1,062	47.6	34.5	71.5	60.8
District of Columbia	4,567	178	3,516	755	47.8	5.9	76.9	56.5
Florida	105,023	34,898	33,182	33,778	47.0	36.2	67.1	50.4
Georgia	58,060	15,831	30,882	8,963	44.9	27.8	69.5	49.9
Hawaii	6,764	592	59	1,224	38.6	17.4	14.5	45.8
Idaho	6,229	4,090	76	1,593	28.1	23.8	31.3	44.3
Illinois	59,396	20,638	20,076	16,272	39.8	26.1	78.2	51.8
Indiana	35,142	22,025	7,665	4,231	42.8	36.4	76.9	55.2
Iowa	13,605	9,154	1,729	1,871	35.4	30.5	65.1	53.0
Kansas	13,024	7,510	1,694	3,030	35.7	29.3	66.5	50.8
Kentucky	22,752	16,685	3,562	1,673	41.6	37.7	71.2	52.9
Louisiana	32,175	10,866	17,780	2,673	52.7	34.5	79.1	55.9
Maine	4,795	4,250	154	104	39.0	38.8	28.3	45.4
Maryland	28,352	7,134	13,249	6,608	39.6	23.9	59.3	54.1
Massachusetts	23,338	10,103	3,533	7,876	33.0	24.8	50.8	57.9
Michigan	45,775	23,238	16,642	3,726	41.1	30.7	79.8	50.8
Minnesota	21,920	11,131	4,170	2,617	32.0	23.6	51.1	52.1
Mississippi	19,995	5,980	12,708	906	53.5	32.1	79.0	54.9
Missouri	29,156	17,320	7,937	2,088	39.9	32.2	75.6	50.2
Montana	4,241	2,753	29	258	35.9	29.4	45.3	44.1
Nebraska	8,584	4,498	1,070	2,215	33.2	25.2	63.4	50.5
Nevada	17,294	4,714	3,291	7,335	48.4	35.8	73.6	55.7
New Hampshire	3,951	3,415	98	332	32.6	32.4	41.9	49.3
New Jersey	34,340	8,113	9,042	15,575	33.9	17.7	66.1	56.9
New Mexico	12,287	2,080	200	7,659	51.7	31.9	51.7	57.3
New York	87,228	26,915	22,248	32,210	38.0	24.1	65.3	60.6
North Carolina	49,164	16,997	19,859	9,218	40.9	26.4	71.2	49.9
North Dakota	3,378	1,886	254	283	31.5	23.8	41.8	48.2
Ohio	59,091	34,621	17,101	4,435	43.2	35.1	76.2	59.4
Oklahoma	21,105	9,801	2,945	3,561	42.0	33.8	72.1	47.9
Oregon	15,812	9,397	528	4,148	36.2	32.1	53.1	50.1
Pennsylvania	56,451	28,570	13,900	10,278	41.0	31.0	75.5	64.9
Rhode Island	4,675	2,168	459	1,626	43.9	35.3	59.1	58.9
South Carolina	26,298	9,645	12,926	2,680	46.1	29.9	76.7	51.3
South Dakota	4,509	2,159	172	327	37.2	25.0	43.2	52.4
Tennessee	35,328	17,828	12,352	3,956	43.6	33.2	77.0	51.5
Texas	156,515	33,050	29,065	90,602	41.0	25.9	60.2	50.3
Utah	8,988	4,807	200	2,981	18.5	13.2	35.1	38.1
Vermont	2,265	2,092	46	53	40.1	40.7	40.0	43.1
Virginia	34,779	13,138	13,302	6,950	34.6	23.7	63.0	49.6
Washington	27,665	13,400	1,663	7,712	31.6	26.4	42.2	48.3
West Virginia	8,514	7,523	462	182	45.6	44.4	73.4	46.7
Wisconsin	24,523	12,796	5,750	3,552	37.7	27.6	83.8	55.8
Wyoming	2,311	1,576	19	426	33.5	29.0	*	47.8

**Table I-7. Births to unmarried women, by race and Hispanic origin of mother: United States, each state and territory, 2017**  
[By place of residence]

Area	Births to unmarried women				Percent unmarried			
	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>			All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		
		White	Black	Hispanic <sup>3</sup>		White	Black	Hispanic <sup>3</sup>
Puerto Rico	16,887	385	49	16,417	69.5	64.6	75.4	69.6
Virgin Islands	---	---	---	---	---	---	---	---
Guam	1,959	10	4	5	59.4	*	*	*
American Samoa	390	---	---	---	39.9	---	---	---
Northern Marianas	291	1	—	—	80.2	*	*	*

\* Figure does not meet standards of reliability or precision based on National Center for Health Statistics data presentation standards for proportions (see reference 26 in report).

--- Data not available.

— Quantity zero.

<sup>1</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>2</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.

<sup>3</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.

<sup>4</sup>Excludes data for the territories.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-8. Educational attainment of mother, by age (years) and race and Hispanic origin of mother: United States, 2017**

Educational attainment and race and Hispanic origin of mother	All ages	Under 20	20-24	25-29	30-34	35-39	40-54
All races and origins <sup>1</sup>							
				Percent			
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12th grade or less with no diploma	13.3	48.6	16.7	10.9	8.5	10.1	13.8
8th grade or less	3.3	4.2	2.7	2.7	3.1	4.4	7.0
9th-12th grade with no diploma	10.0	44.3	14.0	8.2	5.5	5.7	6.8
High school graduate <sup>2</sup>	25.6	41.3	44.1	26.1	15.9	14.4	15.3
Some college credit, but no degree	20.5	9.7	28.1	24.3	16.8	14.7	14.3
Associate's degree <sup>3</sup>	8.3	0.4	5.7	10.3	9.4	8.5	8.1
Bachelor's degree <sup>4</sup>	20.3	0.0	5.0	21.2	29.3	28.3	25.7
Master's degree <sup>5</sup>	9.3	0.0	0.4	6.1	15.6	17.6	16.3
Doctorate or professional degree <sup>6</sup>	2.7	0.0	0.0	1.1	4.4	6.3	6.5
				Number			
All births	3,855,500	196,294	764,780	1,123,577	1,091,917	554,796	124,136
Not stated <sup>7</sup>	49,559	2,101	7,465	12,471	14,878	9,380	3,264
Non-Hispanic, single race <sup>8</sup>							
White:				Percent			
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12th grade or less with no diploma	7.2	43.2	13.3	6.0	3.2	3.1	4.2
8th grade or less	1.3	2.9	2.0	1.3	0.9	1.1	1.9
9th-12th grade with no diploma	5.9	40.4	11.3	4.7	2.3	2.0	2.3
High school graduate <sup>2</sup>	21.3	44.9	42.9	22.0	12.0	10.6	11.5
Some college credit, but no degree	20.0	11.3	29.4	23.8	15.6	14.1	14.6
Associate's degree <sup>3</sup>	9.7	0.5	7.3	12.1	10.1	9.1	8.7
Bachelor's degree <sup>4</sup>	26.2	0.0	6.6	27.1	35.1	33.8	31.8
Master's degree <sup>5</sup>	12.1	0.0	0.5	7.6	18.8	21.8	21.2
Doctorate or professional degree <sup>6</sup>	3.4	0.0	0.0	1.4	5.2	7.6	8.1
				Number			
All births	1,992,461	72,253	342,954	594,375	627,425	297,050	58,404
Not stated <sup>7</sup>	9,949	349	1,508	2,686	3,024	1,880	502
Black:				Percent			
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12th grade or less with no diploma	13.9	46.9	13.6	11.2	9.7	9.7	10.9
8th grade or less	1.6	2.6	0.8	1.3	2.0	2.3	3.8
9th-12th grade with no diploma	12.3	44.2	12.7	9.8	7.7	7.5	7.1
High school graduate <sup>2</sup>	34.9	43.0	48.4	34.4	25.1	22.3	21.8
Some college credit, but no degree	26.2	9.8	30.1	30.0	25.2	21.5	19.2
Associate's degree <sup>3</sup>	7.6	0.3	4.1	8.6	10.8	11.0	10.3
Bachelor's degree <sup>4</sup>	11.5	0.0	3.7	12.3	18.1	19.8	19.4
Master's degree <sup>5</sup>	4.8	0.0	0.2	3.1	9.1	12.4	14.4
Doctorate or professional degree <sup>6</sup>	1.1	0.0	0.0	0.4	2.0	3.3	4.1
				Number			
All births	560,715	40,629	148,091	167,778	122,564	65,129	16,524
Not stated <sup>7</sup>	4,928	335	1,126	1,375	1,184	684	224

**Table I-8. Educational attainment of mother, by age (years) and race and Hispanic origin of mother: United States, 2017**

Educational attainment and race and Hispanic origin of mother	All ages	Under 20	20–24	25–29	30–34	35–39	40–54
Hispanic <sup>9</sup>				Percent			
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12th grade or less with no diploma	27.9	54.9	24.0	22.8	25.7	31.4	37.5
8th grade or less	9.1	6.7	5.2	7.1	11.2	15.9	20.6
9th–12th grade with no diploma	18.7	48.1	18.8	15.6	14.6	15.5	16.9
High school graduate <sup>2</sup>	32.4	36.9	44.1	32.7	25.3	22.5	21.7
Some college credit, but no degree	20.0	7.8	24.5	23.6	18.5	15.0	13.1
Associate's degree <sup>3</sup>	6.2	0.4	4.4	8.0	7.7	6.7	5.9
Bachelor's degree <sup>4</sup>	9.7	0.0	2.7	10.6	15.6	15.2	13.1
Master's degree <sup>5</sup>	3.0	0.0	0.2	2.0	5.7	7.0	6.7
Doctorate or professional degree <sup>6</sup>	0.8	0.0	0.0	0.4	1.5	2.1	2.0
				Number			
All births	898,764	70,128	219,206	255,130	207,352	116,353	30,595
Not stated <sup>7</sup>	11,566	809	2,231	2,951	3,014	1,903	658

0.0 Equals zero events in the numerator or percentage of less than 0.05%.

<sup>1</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>2</sup>Includes General Educational Development high school equivalency diploma.

<sup>3</sup>Includes Associate in Arts and Associate in Science.

<sup>4</sup>Includes Bachelor in Arts and Bachelor in Science.

<sup>5</sup>Includes Master in Arts, Master in Science, Master of Engineering, Master of Education, Master of Social Work, and Master of Business Administration.

<sup>6</sup>Includes Doctor of Philosophy, Doctor of Education, Doctor of Medicine, Doctor of Dental Surgery, Doctor of Veterinary Medicine, Doctor of Laws, and Juris Doctor.

<sup>7</sup>No response reported for educational attainment of mother item. See Technical Notes in report.

<sup>8</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes. Single race is defined as only one race reported on the birth certificate.

<sup>9</sup>Includes all persons of Hispanic origin of any race.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-9. Maternal prepregnancy body mass index, by age (years) and race and Hispanic origin of mother: United States, 2017**

BMI category <sup>1</sup> and race and Hispanic origin of mother	All ages	Under 20	20-24	25-29	30-34	35-39	40-54
All races and origins <sup>2</sup>							
	Percent						
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Underweight (BMI less than 18.5)	3.4	7.2	4.9	3.2	2.6	2.1	1.8
Normal weight (BMI of 18.5 to 24.9)	43.3	50.4	42.4	41.9	44.7	43.0	40.2
Overweight (BMI of 25.0 to 29.9)	26.2	23.3	25.2	26.3	26.6	27.4	29.0
Obese (BMI of 30.0 and over)	27.1	19.1	27.5	28.6	26.1	27.4	28.9
	Number						
Total	3,855,500	196,294	764,780	1,123,577	1,091,917	554,796	124,136
Not stated <sup>3</sup>	97,066	5,498	19,450	27,080	26,531	14,823	3,684
Non-Hispanic, single race <sup>4</sup>							
White:							
	Percent						
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Underweight (BMI less than 18.5)	3.3	8.4	5.4	3.2	2.4	2.1	1.9
Normal weight (BMI of 18.5 to 24.9)	46.9	50.2	44.2	45.6	49.0	47.6	45.3
Overweight (BMI of 25.0 to 29.9)	24.9	22.0	23.9	25.0	25.1	25.7	26.8
Obese (BMI of 30.0 and over)	24.9	19.5	26.5	26.2	23.5	24.6	25.9
	Number						
Total	1,992,461	72,253	342,954	594,375	627,425	297,050	58,404
Not stated <sup>3</sup>	39,008	1,340	6,226	10,930	12,394	6,638	1,480
Black:							
	Percent						
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Underweight (BMI less than 18.5)	3.1	6.6	4.6	2.8	1.8	1.2	1.1
Normal weight (BMI of 18.5 to 24.9)	33.2	49.2	39.6	31.9	27.7	24.9	23.1
Overweight (BMI of 25.0 to 29.9)	26.8	23.1	24.4	26.5	28.8	30.0	31.3
Obese (BMI of 30.0 and over)	37.0	21.0	31.3	38.8	41.7	43.9	44.6
	Number						
Total	560,715	40,629	148,091	167,778	122,564	65,129	16,524
Not stated <sup>3</sup>	20,682	1,644	5,519	5,892	4,529	2,468	630
Hispanic <sup>5</sup>							
	Percent						
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Underweight (BMI less than 18.5)	2.5	6.3	3.9	2.1	1.4	1.1	0.9
Normal weight (BMI of 18.5 to 24.9)	37.2	51.2	40.7	35.8	34.5	32.3	29.8
Overweight (BMI of 25.0 to 29.9)	30.2	24.9	28.0	30.3	31.8	33.0	34.6
Obese (BMI of 30.0 and over)	30.1	17.6	27.5	31.8	32.2	33.6	34.7
	Number						
Total	898,764	70,128	219,206	255,130	207,352	116,353	30,595
Not stated <sup>3</sup>	24,982	2,067	5,842	6,767	5,865	3,490	951

<sup>1</sup>For calculation of body mass index (BMI), see Technical Notes in report.<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>3</sup>No response reported for component measures for prepregnancy BMI. See Technical Notes.<sup>4</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes. Single race is defined as only one race reported on the birth certificate.<sup>5</sup>Includes all persons of Hispanic origin of any race.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-10. Live births by interval since last live birth, by age (years) and race and Hispanic origin of mother: United States, 2017**

Interval (months) since last live birth and race and Hispanic origin of mother	All ages	Under 20	20-24	25-29	30-34	35-39	40-54
<b>All races and origins<sup>1</sup></b>							
	Percent						
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0-3 (plural deliveries)	2.3	4.1	2.0	2.0	2.3	2.5	3.1
4-11	1.4	7.8	3.0	1.4	0.8	0.7	0.5
12-17	8.1	27.6	15.7	8.7	5.8	4.5	3.3
18-23	12.6	21.6	17.4	13.3	11.7	9.4	6.8
24-35	23.3	24.0	25.6	23.0	24.7	20.8	15.3
36-47	14.8	9.8	15.8	14.8	15.2	14.3	11.3
48-59	9.9	3.7	10.0	10.8	9.7	9.7	8.5
60-71	7.1	1.0	5.5	8.3	7.0	7.2	6.8
72 and over	20.5	0.4	4.8	17.7	22.8	30.9	44.4
	Number						
All births	2,397,210	32,046	368,853	706,415	762,294	430,159	97,443
Not stated <sup>2</sup>	128,093	1,847	17,461	35,272	40,625	26,025	6,863
Median (months)	37	20	28	37	38	45	61
<b>Non-Hispanic, single race<sup>3</sup></b>							
<b>White:</b>							
	Percent						
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0-3 (plural deliveries)	2.4	4.5	2.0	2.2	2.5	2.8	3.5
4-11	1.1	7.2	2.6	1.1	0.7	0.6	0.5
12-17	7.7	29.7	16.0	8.5	5.4	4.4	3.5
18-23	14.4	22.5	19.6	15.6	13.6	10.9	8.4
24-35	27.7	23.7	28.0	27.3	30.0	25.5	19.3
36-47	16.0	8.7	15.5	15.3	16.9	16.5	13.4
48-59	9.3	2.8	8.9	9.8	9.0	9.9	9.0
60-71	6.1	0.7	4.4	6.9	5.7	6.6	6.8
72 and over	15.3	0.4	3.1	13.3	16.0	22.8	35.5
	Number						
All births	1,207,437	10,762	157,235	349,716	422,501	223,427	43,796
Not stated <sup>2</sup>	59,286	596	7,139	15,758	20,451	12,405	2,937
Median (months)	34	20	27	33	34	39	49
<b>Black:</b>							
	Percent						
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0-3 (plural deliveries)	2.6	5.2	2.8	2.4	2.4	2.6	3.2
4-11	2.2	8.7	4.2	2.1	1.3	0.9	0.7
12-17	10.5	27.4	17.7	10.3	7.4	5.3	3.7
18-23	11.2	19.7	16.1	11.0	9.5	7.7	5.4
24-35	17.8	23.2	23.4	17.6	15.9	14.5	12.1
36-47	12.9	9.8	15.1	13.7	11.9	11.3	9.0
48-59	10.0	4.2	9.9	11.4	9.7	8.8	8.0
60-71	7.7	1.3	5.5	9.4	7.9	7.5	7.3
72 and over	25.1	0.5	5.3	22.2	33.9	41.3	50.5
	Number						
All births	364,149	6,991	74,886	119,898	95,528	53,376	13,470
Not stated <sup>2</sup>	24,188	460	3,932	7,301	6,831	4,426	1,238
Median (months)	40	20	28	41	49	58	72

**Table I-10. Live births by interval since last live birth, by age (years) and race and Hispanic origin of mother: United States, 2017**

Interval (months) since last live birth and race and Hispanic origin of mother	All ages	Under 20	20-24	25-29	30-34	35-39	40-54
	Hispanic <sup>4</sup>			Percent			
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0-3 (plural deliveries)	1.6	3.3	1.6	1.5	1.6	1.8	2.1
4-11	1.5	7.5	2.8	1.4	0.9	0.7	0.4
12-17	7.8	25.7	13.5	7.6	5.6	4.4	2.8
18-23	10.1	22.1	15.1	10.1	8.5	7.1	5.2
24-35	17.8	24.9	23.9	18.1	16.3	13.8	10.3
36-47	13.3	10.8	16.8	14.3	12.3	10.8	8.5
48-59	10.7	4.4	11.9	12.3	10.3	8.8	7.3
60-71	8.5	1.1	7.3	10.3	8.7	7.7	6.4
72 and over	28.5	0.3	7.0	24.4	35.8	44.9	57.1
	Number						
All births	594,445	12,099	112,065	181,947	163,571	98,329	26,434
Not stated <sup>2</sup>	30,107	620	4,934	8,778	8,383	5,673	1,719
Median (months)	45	21	32	45	53	63	85

<sup>1</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>2</sup>No response reported for interval since last live birth. See Technical Notes in report.

<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes. Single race is defined as only one race reported on the birth certificate.

<sup>4</sup>Includes all persons of Hispanic origin of any race.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-11. Mother received WIC food for herself during this pregnancy and infant was being breastfed at discharge, by age (years) and race and Hispanic origin of mother: United States, 2017**

Selected characteristic and race and Hispanic origin of mother	Characteristic reported										
	All births	All ages	Under 20	20-24	25-29	30-34	35-39	40-54	Not stated <sup>1</sup>		
All races and origins <sup>2</sup>	Number					Percent					Number
Mother received WIC food for herself during this pregnancy	3,855,500	38.1	72.8	57.9	38.3	25.8	25.0	27.5	44,999		
Infant was being breastfed at discharge <sup>3</sup>	3,272,416	83.4	72.7	78.1	83.3	87.2	87.0	86.1	32,511		
Non-Hispanic, single race <sup>4</sup>											
White:											
Mother received WIC food for herself during this pregnancy	1,992,461	25.1	69.6	48.3	25.3	14.1	12.6	13.6	19,735		
Infant was being breastfed at discharge <sup>3</sup>	1,789,061	84.6	70.5	78.4	84.5	88.3	87.9	86.8	16,573		
Black:											
Mother received WIC food for herself during this pregnancy	560,715	57.1	74.0	66.6	57.1	49.0	44.3	41.7	7,300		
Infant was being breastfed at discharge <sup>3</sup>	516,425	71.8	60.2	66.8	71.8	77.0	78.7	80.2	6,629		
Hispanic <sup>5</sup>											
Mother received WIC food for herself during this pregnancy	898,764	58.9	75.9	67.7	57.6	50.8	50.9	52.4	8,424		
Infant was being breastfed at discharge <sup>3</sup>	671,303	87.3	83.9	86.2	87.6	88.8	88.3	87.4	5,714		

<sup>1</sup>No response reported for selected characteristic.<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>3</sup>Excludes data for California, which did not report infant was being breastfed at discharge. Also excludes Michigan, for which item wording for Michigan is not consistent with national standard.<sup>4</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>5</sup>Includes all persons of Hispanic origin of any race.

NOTE: WIC is Special Supplemental Nutrition Program for Women, Infants, and Children.

SOURCE: NCHS, National Vital Statistics System, Natality.



**Table I-12. Pregnancy risk factors, by age (years) and race and Hispanic origin of mother: United States, 2017**  
 [Rates are number of live births with specified risk factor per 1,000 live births in specified group]

Risk factor and race and Hispanic origin of mother	All births	Factor reported	All ages	Under 20	20-24	25-29	30-34	35-39	40-54	Not stated <sup>1</sup>	
All races and origins <sup>2</sup>		Number								Rate per 1,000	Number
Diabetes											
Prepregnancy (diagnosis prior to this pregnancy)	3,855,500	35,336	9.2	4.2	5.7	7.5	10.0	14.8	21.4	3,711	
Gestational (diagnosis in this pregnancy)	3,855,500	244,716	63.5	21.2	34.7	53.5	74.5	101.4	133.5	3,711	
Hypertension											
Prepregnancy (chronic)	3,855,500	73,032	19.0	7.2	11.2	15.4	20.7	31.1	47.6	3,711	
Gestational (PIH, preeclampsia)	3,855,500	248,282	64.5	70.1	64.3	62.0	61.8	68.2	84.6	3,711	
Eclampsia <sup>3</sup>	3,717,455	10,644	2.9	3.7	3.0	2.7	2.6	3.0	4.1	3,640	
Previous preterm birth	3,855,500	126,500	32.8	8.0	24.8	33.1	35.8	42.8	48.4	3,711	
Pregnancy resulted from infertility treatment	3,855,500	72,120	18.7	0.2	2.1	9.3	23.5	41.3	92.1	3,711	
Mother had a previous cesarean delivery <sup>4</sup>	2,652,927	595,213	224.5	103.7	167.5	210.0	239.7	271.6	288.4	1,785	
Non-Hispanic, single race <sup>5</sup>											
White:											
Diabetes											
Prepregnancy (diagnosis prior to this pregnancy)	1,992,461	14,827	7.4	4.7	5.8	6.5	7.5	10.4	14.6	1,696	
Gestational (diagnosis in this pregnancy)	1,992,461	113,893	57.2	24.9	36.1	49.2	62.6	83.5	111.4	1,696	
Hypertension											
Prepregnancy (chronic)	1,992,461	34,997	17.6	8.3	11.3	14.6	18.4	26.9	40.0	1,696	
Gestational (PIH, preeclampsia)	1,992,461	137,376	69.0	75.9	71.1	68.7	65.7	69.4	85.7	1,696	
Eclampsia <sup>3</sup>	1,906,457	5,189	2.7	3.9	3.0	2.6	2.4	2.7	3.6	1,665	
Previous preterm birth	1,992,461	62,074	31.2	7.8	23.6	29.5	33.3	40.9	48.8	1,696	
Pregnancy resulted from infertility treatment	1,992,461	51,793	26.0	0.4	3.3	13.7	31.1	53.7	121.6	1,696	
Mother had a previous cesarean delivery <sup>4</sup>	1,347,653	285,414	211.9	93.0	156.4	192.9	223.5	257.5	276.7	954	
Black:											
Diabetes											
Prepregnancy (diagnosis prior to this pregnancy)	560,715	7,001	12.5	4.7	6.4	9.9	16.2	25.4	34.1	636	
Gestational (diagnosis in this pregnancy)	560,715	28,152	50.3	15.3	25.9	43.9	69.1	92.2	113.9	636	
Hypertension											
Prepregnancy (chronic)	560,715	21,555	38.5	11.4	19.3	31.2	50.8	76.8	109.2	636	
Gestational (PIH, preeclampsia)	560,715	43,793	78.2	82.7	74.3	73.1	78.2	91.2	102.0	636	
Eclampsia <sup>3</sup>	527,814	2,337	4.4	5.3	4.1	3.9	4.5	5.1	7.4	619	
Previous preterm birth	560,715	26,450	47.2	9.7	32.3	52.1	58.7	65.2	68.1	636	
Pregnancy resulted from infertility treatment	560,715	3,625	6.5	0.1	0.7	2.8	8.3	18.9	49.3	636	
Mother had a previous cesarean delivery <sup>4</sup>	404,630	96,865	239.6	109.0	180.6	236.6	268.5	292.9	300.5	361	

**Table I-12. Pregnancy risk factors, by age (years) and race and Hispanic origin of mother: United States, 2017**

[Rates are number of live births with specified risk factor per 1,000 live births in specified group]

Risk factor and race and Hispanic origin of mother	All births	Factor reported	All ages	Under 20	20-24	25-29	30-34	35-39	40-54	Not stated <sup>1</sup>
	Number		Rate per 1,000							Number
Diabetes										
Prepregnancy (diagnosis prior to this pregnancy)	898,764	9,271	10.3	3.5	4.9	8.0	13.2	20.0	28.1	627
Gestational (diagnosis in this pregnancy)	898,764	62,110	69.2	19.7	35.1	58.3	89.0	126.4	164.2	627
Hypertension										
Prepregnancy (chronic)	898,764	10,928	12.2	3.8	6.2	9.4	14.9	23.2	37.0	627
Gestational (PIH, preeclampsia)	898,764	47,670	53.1	57.5	49.4	47.6	52.1	63.4	82.6	627
Eclampsia <sup>3</sup>	885,859	1,850	2.1	2.5	2.0	1.9	2.1	2.3	2.5	624
Previous preterm birth	898,764	27,375	30.5	6.9	21.6	32.0	37.1	42.0	46.1	627
Pregnancy resulted from infertility treatment	898,764	6,245	7.0	0.2	0.9	3.5	9.3	17.1	40.5	627
Mother had a previous cesarean delivery <sup>4</sup>	640,602	152,719	238.5	113.5	178.0	230.8	264.0	288.3	298.1	281

<sup>1</sup>No response reported for pregnancy risk factor item.<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>3</sup>Excludes data for South Carolina and Tennessee.<sup>4</sup>Excludes women who have not had a previous pregnancy and for whom total birth order is unknown.<sup>5</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>6</sup>Includes all persons of Hispanic origin of any race.

NOTE: PIH is pregnancy-induced hypertension.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-13. Infections present or treated during this pregnancy, by age (years) and race and Hispanic origin of mother: United States, 2017**

[Rates are number of live births with specified infection per 100,000 live births in specified group]

Infection and race and Hispanic origin of mother	All births	Infection present	All ages	Under 20	20–24	25–29	30–34	35–39	40–54	Not stated <sup>1</sup>
All races and origins <sup>2</sup>										
Gonorrhea	3,855,500	11,329	294.6	1,059.1	587.8	261.8	114.8	93.1	59.8	9,976
Syphilis	3,855,500	3,895	101.3	142.0	136.0	106.8	75.8	76.4	108.3	9,976
Chlamydia	3,855,500	70,479	1,832.8	7,125.8	3,937.3	1,491.8	637.7	434.7	349.9	9,976
Hepatitis B	3,855,500	8,980	233.5	83.8	127.8	207.3	277.2	350.4	451.7	9,976
Hepatitis C	3,855,500	18,086	470.3	158.4	448.0	608.8	459.4	387.6	313.5	9,976
Non-Hispanic, single race <sup>3</sup>										
White:										
Gonorrhea	1,992,461	3,109	156.4	562.1	329.4	153.3	73.2	64.4	32.6	4,576
Syphilis	1,992,461	876	44.1	69.4	58.5	51.6	32.1	33.1	36.1	4,576
Chlamydia	1,992,461	22,307	1,122.1	5,298.9	2,795.3	958.4	368.8	275.9	199.2	4,576
Hepatitis B	1,992,461	1,734	87.2	48.6	78.0	89.5	83.4	102.9	127.1	4,576
Hepatitis C	1,992,461	14,588	733.8	277.6	792.4	963.4	648.2	554.9	448.2	4,576
Black:										
Gonorrhea	560,715	5,613	1,004.3	2,842.5	1,590.6	842.0	410.8	265.0	194.5	1,821
Syphilis	560,715	1,701	304.4	308.7	338.0	318.7	262.7	248.0	376.8	1,821
Chlamydia	560,715	23,719	4,243.9	12,437.0	7,020.1	3,324.9	1,659.7	978.2	589.5	1,821
Hepatitis B	560,715	2,363	422.8	108.7	206.6	358.2	651.4	731.8	875.1	1,821
Hepatitis C	560,715	817	146.2	88.9	111.1	132.2	185.8	194.1	261.3	1,821
Hispanic <sup>4</sup>										
Gonorrhea	898,764	1,710	190.7	484.6	297.6	166.6	87.5	83.6	59.0	2,285
Syphilis	898,764	1,010	112.7	111.5	120.2	112.0	110.8	97.4	137.7	2,285
Chlamydia	898,764	18,498	2,063.4	5,694.1	3,538.7	1,607.9	904.4	569.6	498.2	2,285
Hepatitis B	898,764	719	80.2	75.8	64.0	75.4	87.5	92.2	150.8	2,285
Hepatitis C	898,764	1,352	150.8	62.9	124.8	175.6	169.8	168.9	134.4	2,285

<sup>1</sup>No response reported for infections treated or present during this pregnancy item.<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>4</sup>Includes all persons of Hispanic origin of any race.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-14. External cephalic version, by age (years) and race and Hispanic origin of mother: United States, 2017**

[Rates are number of live births with specified obstetric procedure per 1,000 live births in specified group]

Race and Hispanic origin of mother	All births <sup>1</sup>	Procedure reported	All ages	Under 20	20–24	25–29	30–34	35–39	40–54	Not stated <sup>2</sup>
	Number		Rate per 1,000							Number
All races and origins <sup>3</sup>										
External cephalic version	3,855,500	11,152	2.9	1.7	2.1	2.7	3.3	3.7	3.6	4,138
Percent successful <sup>4</sup>	11,152	5,903	52.9	52.8	54.1	51.9	50.8	55.2	63.2	–
Non-Hispanic, single race <sup>5</sup>										
White:										
External cephalic version	1,992,461	6,913	3.5	1.9	2.6	3.2	3.9	4.4	4.0	1,904
Percent successful <sup>4</sup>	6,913	3,416	49.4	50.7	50.6	47.8	47.6	51.5	64.8	–
Black:										
External cephalic version	560,715	988	1.8	1.9	1.4	1.6	2.0	2.1	3.0	718
Percent successful <sup>4</sup>	988	625	63.3	55.3	67.8	63.6	64.0	63.0	52.0	–
Hispanic <sup>6</sup>										
External cephalic version	898,764	1,980	2.2	1.3	1.8	2.2	2.5	2.9	2.9	576
Percent successful <sup>4</sup>	1,980	1,148	58.0	57.6	57.6	58.2	55.9	61.1	58.9	–

– Quantity zero.

<sup>1</sup>Number for percent successful is women with an external cephalic version (ECV) in specified group.<sup>2</sup>No response reported for obstetric procedure item.<sup>3</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>4</sup>Percent successful ECV is the number of successful ECVs per 100 live births to women with an ECV in specified group.<sup>5</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>6</sup>Includes all persons of Hispanic origin of any race.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-15. Characteristics of labor and delivery, by age (years) and race and Hispanic origin of mother: United States, 2017**

[Rates are number of live births with characteristic per 1,000 live births in specified group]

Labor and delivery characteristic and race and Hispanic origin of mother	All births	Characteristic reported	All ages	Under 20	20-24	25-29	30-34	35-39	40-54	Not stated <sup>1</sup>
	Number		Rate per 1,000							Number
All races and origins <sup>2</sup>										
Induction of labor	3,855,500	992,068	257.5	294.2	278.4	261.1	242.6	238.0	255.5	2,369
Augmentation of labor	3,855,500	819,855	212.8	264.1	239.7	219.6	201.9	177.8	155.3	2,369
Steroids (glucocorticoids) for fetal lung maturation	3,855,500	120,177	31.2	32.1	29.8	29.4	30.4	34.8	45.2	2,369
Antibiotics received by mother during labor	3,855,500	962,737	249.9	260.6	248.3	242.7	248.1	260.5	275.2	2,369
Clinical chorioamnionitis during labor	3,855,500	61,003	15.8	24.5	19.0	15.9	14.4	12.1	11.6	2,369
Epidural or spinal anesthesia during labor	3,855,500	2,858,322	741.8	774.8	752.7	739.3	737.8	730.7	730.5	2,369
Non-Hispanic, single race <sup>3</sup>										
White:										
Induction of labor	1,992,461	575,619	289.1	360.6	326.9	296.6	266.4	262.0	283.4	1,124
Augmentation of labor	1,992,461	425,751	213.8	265.3	239.7	223.8	205.1	180.7	157.5	1,124
Steroids (glucocorticoids) for fetal lung maturation	1,992,461	62,652	31.5	34.5	30.8	29.7	30.6	34.2	44.8	1,124
Antibiotics received by mother during labor	1,992,461	487,780	245.0	253.2	238.5	236.6	245.3	259.9	278.3	1,124
Clinical chorioamnionitis during labor	1,992,461	24,675	12.4	17.2	14.0	12.8	11.9	10.0	10.3	1,124
Epidural or spinal anesthesia during labor	1,992,461	1,508,537	757.5	816.8	778.1	756.4	749.6	741.5	743.0	1,124
Black:										
Induction of labor	560,715	134,080	239.3	272.7	249.9	232.6	227.3	231.5	250.6	460
Augmentation of labor	560,715	110,090	196.5	242.4	223.1	195.4	177.7	159.9	140.5	460
Steroids (glucocorticoids) for fetal lung maturation	560,715	23,385	41.7	40.7	38.0	39.9	42.5	50.1	58.1	460
Antibiotics received by mother during labor	560,715	157,363	280.9	310.0	291.5	275.9	270.6	271.2	278.8	460
Clinical chorioamnionitis during labor	560,715	8,667	15.5	23.1	18.8	14.6	13.2	11.3	9.6	460
Epidural or spinal anesthesia during labor	560,715	414,552	739.9	770.0	754.1	736.1	725.4	728.1	731.6	460
Hispanic <sup>4</sup>										
Induction of labor	898,764	193,877	215.8	241.5	228.4	211.8	202.2	206.6	227.8	418
Augmentation of labor	898,764	190,475	212.0	271.8	245.6	212.0	189.3	169.7	149.7	418
Steroids (glucocorticoids) for fetal lung maturation	898,764	22,931	25.5	23.9	23.4	23.5	25.9	30.5	39.9	418
Antibiotics received by mother during labor	898,764	212,397	236.4	235.6	232.5	231.3	237.0	248.4	259.0	418
Clinical chorioamnionitis during labor	898,764	17,220	19.2	32.5	25.7	18.2	14.3	11.9	11.2	418
Epidural or spinal anesthesia during labor	898,764	634,997	706.9	740.5	719.3	702.3	697.6	692.6	695.7	418

<sup>1</sup>No response reported for selected characteristic.<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>4</sup>Includes all persons of Hispanic origin of any race.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-16. Total cesarean delivery and low-risk cesarean delivery, by race and Hispanic origin of mother: United States, each state and territory, 2017**

[By place of residence]

Area	Total cesarean delivery rate <sup>1</sup>				Low-risk cesarean delivery rate <sup>2</sup>			
	All races and origins <sup>3</sup>	Non-Hispanic, single race <sup>4</sup>		Hispanic <sup>5</sup>	All races and origins <sup>3</sup>	Non-Hispanic, single race <sup>4</sup>		Hispanic <sup>5</sup>
		White	Black			White	Black	
United States <sup>6</sup>	32.0	30.9	36.0	31.8	26.0	24.9	30.4	25.6
Alabama	35.1	34.8	37.9	27.0	28.2	27.1	31.7	22.7
Alaska	22.5	24.3	30.4	25.4	19.2	20.6	25.6	21.0
Arizona	26.9	27.3	31.5	25.7	20.6	20.5	25.7	19.5
Arkansas	33.5	33.7	34.4	30.2	26.6	26.7	27.2	23.0
California	31.4	30.0	37.2	31.1	24.4	23.6	29.8	23.7
Colorado	26.5	26.9	31.4	24.4	21.6	21.6	29.9	19.3
Connecticut	34.8	34.3	38.2	34.1	28.2	28.3	31.0	26.3
Delaware	31.8	30.9	33.7	31.0	24.9	24.0	26.6	24.2
District of Columbia	32.2	30.5	34.0	28.9	28.7	26.1	30.7	29.4
Florida	37.2	34.1	38.7	40.9	31.0	27.9	32.3	35.2
Georgia	34.2	33.9	36.1	30.1	27.9	27.2	29.7	24.9
Hawaii	25.9	23.6	30.5	26.9	20.7	17.6	27.3	20.7
Idaho	23.7	23.1	25.9	25.4	18.1	18.2	23.0	17.8
Illinois	31.1	31.2	32.3	29.2	25.1	24.2	27.2	24.5
Indiana	29.7	29.5	32.1	28.4	23.4	23.3	24.5	22.1
Iowa	29.7	29.4	31.4	29.7	24.0	23.5	27.9	23.6
Kansas	30.0	30.2	34.5	27.4	23.8	23.5	29.5	23.8
Kentucky	35.2	35.3	37.6	31.2	28.3	28.2	31.7	27.0
Louisiana	37.5	37.9	37.8	34.2	30.4	30.2	31.1	29.6
Maine	29.9	29.6	30.5	31.0	23.8	23.5	24.0	23.9
Maryland	33.9	31.6	39.7	29.0	28.2	26.6	33.4	23.4
Massachusetts	31.6	31.4	35.2	31.2	25.7	25.4	30.4	23.9
Michigan	31.9	31.5	33.7	30.2	26.6	25.7	30.4	24.2
Minnesota	27.4	27.8	29.4	26.6	23.4	23.0	28.3	20.9
Mississippi	37.8	37.1	39.5	32.2	30.8	29.7	32.5	27.8
Missouri	30.1	29.9	31.5	27.7	23.8	23.6	26.2	19.9
Montana	28.5	28.0	32.8	28.0	23.8	23.8	*	23.6
Nebraska	30.4	31.2	31.9	27.7	24.9	24.8	33.7	22.6
Nevada	34.1	32.7	41.6	32.5	28.6	26.2	36.6	27.9
New Hampshire	31.0	30.7	38.0	33.4	25.2	24.6	30.7	29.6
New Jersey	35.9	33.7	38.9	36.8	29.3	27.9	31.4	29.5
New Mexico	24.7	25.1	32.8	24.5	18.3	17.8	23.8	17.7
New York	34.1	31.7	39.2	35.6	29.0	27.7	33.8	29.1
North Carolina	29.4	29.6	32.2	24.3	23.2	22.6	26.7	19.5
North Dakota	28.3	27.6	29.3	24.9	22.2	22.0	25.8	19.4
Ohio	30.3	29.9	31.7	28.2	24.3	23.7	27.0	23.4
Oklahoma	32.2	32.4	34.3	29.4	24.8	24.1	28.5	23.6
Oregon	28.1	27.7	32.5	27.4	22.6	22.0	30.8	22.1
Pennsylvania	30.5	30.2	32.3	30.0	25.7	25.3	28.4	22.8
Rhode Island	31.5	32.7	29.5	30.3	25.4	26.9	26.9	21.8
South Carolina	33.5	32.8	36.5	29.3	27.0	25.8	30.8	23.9
South Dakota	24.5	24.1	30.2	23.2	17.8	17.8	24.2	17.2
Tennessee	32.4	32.4	34.6	27.6	26.9	26.5	29.7	23.4
Texas	35.0	33.8	40.1	34.3	28.6	27.3	33.7	27.9
Utah	22.8	21.9	28.8	24.2	17.7	16.4	33.3	19.9
Vermont	25.7	25.5	27.8	31.7	19.9	19.8	*	23.3
Virginia	32.6	31.2	36.4	29.8	26.4	24.7	30.3	24.9
Washington	27.7	26.5	34.2	26.7	23.1	22.4	30.0	20.6
West Virginia	35.2	35.3	36.7	34.1	27.6	27.9	29.3	26.7
Wisconsin	26.4	26.4	27.4	26.1	21.6	21.2	24.7	20.7
Wyoming	26.4	25.3	37.8	29.4	21.2	20.6	*	22.4

**Table I-16. Total cesarean delivery and low-risk cesarean delivery, by race and Hispanic origin of mother: United States, each state and territory, 2017**

[By place of residence]

Area	Total cesarean delivery rate <sup>1</sup>				Low-risk cesarean delivery rate <sup>2</sup>			
	All races and origins <sup>3</sup>	Non-Hispanic, single race <sup>4</sup>		Hispanic <sup>5</sup>	All races and origins <sup>3</sup>	Non-Hispanic, single race <sup>4</sup>		Hispanic <sup>5</sup>
		White	Black			White	Black	
Puerto Rico	46.8	45.6	30.8	46.8	41.2	36.4	*	41.4
Virgin Islands	---	---	---	---	---	---	---	---
Guam	25.4	19.7	*	*	20.3	14.5	*	*
American Samoa	---	---	---	---	---	---	---	---
Northern Marianas	20.8	*	*	*	17.3	*	*	*

\* Figure does not meet standards of reliability or precision based on National Center for Health Statistics data presentation standards for proportions (see reference 26 in report).

--- Data not available.

<sup>1</sup>Percentage of all live births by cesarean delivery.<sup>2</sup>Number of singleton, term (37 weeks or more of gestation based on the obstetric estimate), cephalic, cesarean deliveries to women having a first birth per 100 women delivering singleton, term, cephalic, first births.<sup>3</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>4</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>5</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.<sup>6</sup>Excludes data for the territories.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-17. Method of delivery, by age (years) and race and Hispanic origin of mother: United States, 2017**

[Percentages are number of live births with specified method of delivery per 100 live births in specified group]

Method of delivery and race and Hispanic origin of mother	All births <sup>1</sup>	Method reported	All ages							Not stated <sup>2</sup>
			Under 20	20-24	25-29	30-34	35-39	40-54		
	Number		Rate per 100							Number
All races and origins <sup>3</sup>										
Fetal presentation at birth										
Cephalic	3,855,500	3,651,192	95.1	96.5	96.2	95.5	94.7	93.8	92.1	15,755
Breech	3,855,500	151,273	3.9	2.5	2.9	3.6	4.4	5.1	6.5	15,755
Other	3,855,500	37,280	1.0	1.0	1.0	0.9	0.9	1.1	1.3	15,755
Final route and method of delivery										
Vaginal, spontaneous	3,855,500	2,501,914	64.9	75.5	70.8	66.8	62.7	57.1	49.2	2,151
Vaginal, forceps	3,855,500	20,296	0.5	0.7	0.5	0.5	0.5	0.5	0.4	2,151
Vaginal, vacuum	3,855,500	98,800	2.6	3.7	2.7	2.5	2.5	2.2	2.1	2,151
Cesarean	3,855,500	1,232,339	32.0	20.1	25.9	30.1	34.3	40.2	48.2	2,151
Cesarean, trial of labor attempted <sup>4</sup>	1,232,339	318,317	26.0	48.2	34.7	27.1	23.0	19.7	19.3	10,265
Non-Hispanic, single race <sup>5</sup>										
White:										
Fetal presentation at birth										
Cephalic	1,992,461	1,881,756	94.8	96.1	95.8	95.2	94.4	93.7	92.1	7,126
Breech	1,992,461	85,921	4.3	3.0	3.3	4.0	4.7	5.3	6.6	7,126
Other	1,992,461	17,658	0.9	0.9	0.9	0.9	0.9	1.0	1.3	7,126
Final route and method of delivery										
Vaginal, spontaneous	1,992,461	1,310,722	65.8	74.7	71.2	68.1	64.4	58.9	50.7	929
Vaginal, forceps	1,992,461	11,937	0.6	0.8	0.6	0.6	0.6	0.5	0.5	929
Vaginal, vacuum	1,992,461	53,043	2.7	4.2	3.0	2.7	2.5	2.2	2.3	929
Cesarean	1,992,461	615,830	30.9	20.4	25.2	28.6	32.5	38.3	46.5	929
Cesarean, trial of labor attempted <sup>4</sup>	615,830	165,665	27.1	50.7	36.3	29.1	24.0	20.9	20.8	3,866
Black:										
Fetal presentation at birth										
Cephalic	560,715	532,190	95.3	96.7	96.3	95.6	94.7	93.5	91.3	2,253
Breech	560,715	19,811	3.5	2.2	2.6	3.3	4.1	5.3	7.2	2,253
Other	560,715	6,461	1.2	1.2	1.2	1.1	1.2	1.2	1.5	2,253
Final route and method of delivery										
Vaginal, spontaneous	560,715	344,272	61.4	73.0	67.6	62.1	57.1	51.1	44.3	257
Vaginal, forceps	560,715	2,263	0.4	0.7	0.5	0.4	0.3	0.3	0.2	257
Vaginal, vacuum	560,715	11,932	2.1	3.8	2.5	2.0	1.8	1.6	1.4	257
Cesarean	560,715	201,991	36.0	22.5	29.5	35.6	40.8	47.0	54.2	257
Cesarean, trial of labor attempted <sup>4</sup>	201,991	55,089	27.6	48.9	35.6	26.6	23.4	20.8	20.6	2,602



**Table I-17. Method of delivery, by age (years) and race and Hispanic origin of mother: United States, 2017**

[Percentages are number of live births with specified method of delivery per 100 live births in specified group]

Method of delivery and race and Hispanic origin of mother	All births <sup>1</sup>	Method reported	All ages							Not stated <sup>2</sup>
			Under 20	20-24	25-29	30-34	35-39	40-54		
	Number		Rate per 100							Number
Hispanic <sup>6</sup>										
Fetal presentation at birth										
Cephalic	898,764	854,873	95.6	96.8	96.5	95.9	95.0	94.1	92.5	4,300
Breech	898,764	29,814	3.3	2.2	2.5	3.0	3.8	4.7	6.0	4,300
Other	898,764	9,777	1.1	1.0	1.0	1.0	1.2	1.3	1.5	4,300
Final route and method of delivery										
Vaginal, spontaneous	898,764	591,099	65.8	77.5	72.0	66.8	61.7	56.2	50.2	284
Vaginal, forceps	898,764	3,313	0.4	0.5	0.4	0.3	0.3	0.3	0.3	284
Vaginal, vacuum	898,764	18,689	2.1	3.3	2.4	1.9	1.8	1.8	1.7	284
Cesarean	898,764	285,379	31.8	18.7	25.2	31.0	36.2	41.7	47.8	284
Cesarean, trial of labor attempted <sup>4</sup>	285,379	63,675	22.6	44.1	30.9	21.7	18.5	16.8	16.8	3,212

<sup>1</sup>Total for vaginal birth after cesarean delivery is the number of births to women delivering after a previous cesarean. Total for primary cesarean is the number of births to women delivering without a previous cesarean. Total for "cesarean, trial of labor attempted" is the number of women delivering by cesarean.

<sup>2</sup>No response reported for selected characteristic.

<sup>3</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.

<sup>4</sup>Number of women who attempted a trial of labor prior to cesarean delivery per 100 cesarean births.

<sup>5</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.

<sup>6</sup>Includes all persons of Hispanic origin of any race.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-18. Maternal morbidity, by age (years) and race and Hispanic origin of mother: United States, 2017**

[Rates are number of live births with morbidity per 100,000 live births in specified group]

Maternal morbidity and race and Hispanic origin of mother	All births	Morbidity reported	All ages	Under 20	20-24	25-29	30-34	35-39	40-54	Not stated <sup>1</sup>
All races and origins <sup>2</sup>										
Maternal transfusion	3,855,500	15,219	395.2	501.8	393.4	361.6	367.1	438.2	597.0	4,260
Third- or fourth-degree perineal laceration	3,855,500	31,324	813.3	927.7	762.5	885.5	878.8	649.5	449.3	4,260
Ruptured uterus	3,855,500	1,206	31.3	14.3	21.9	31.4	34.6	39.9	49.2	4,260
Unplanned hysterectomy	3,855,500	1,812	47.0	7.6	16.8	34.5	53.2	87.9	173.4	4,260
Admission to intensive care unit	3,855,500	6,339	164.6	146.9	123.2	135.2	168.1	240.6	343.7	4,260
Non-Hispanic, single race <sup>3</sup>										
White:										
Maternal transfusion	1,992,461	7,332	368.4	458.6	373.3	336.5	344.4	409.1	601.9	2,014
Third- or fourth-degree perineal laceration	1,992,461	18,214	915.1	890.9	866.1	1,021.0	965.8	736.7	516.1	2,014
Ruptured uterus	1,992,461	591	29.7	15.2	19.6	29.6	32.4	37.4	39.4	2,014
Unplanned hysterectomy	1,992,461	829	41.6	8.3	16.6	32.5	44.7	71.8	137.2	2,014
Admission to intensive care unit	1,992,461	2,790	140.2	139.9	110.3	120.1	141.2	188.4	264.1	2,014
Black:										
Maternal transfusion	560,715	2,803	500.5	492.9	472.5	469.7	499.1	569.0	824.5	718
Third- or fourth-degree perineal laceration	560,715	2,337	417.3	788.6	464.4	368.8	395.4	295.2	218.2	718
Ruptured uterus	560,715	223	39.8	14.8	30.4	40.6	42.5	60.0	78.8	718
Unplanned hysterectomy	560,715	293	52.3	4.9	21.0	37.6	66.2	113.8	254.6	718
Admission to intensive care unit	560,715	1,331	237.7	150.3	169.0	205.3	254.9	418.3	557.7	718
Hispanic <sup>4</sup>										
Maternal transfusion	898,764	3,421	380.9	516.6	353.8	352.6	354.8	430.2	490.7	696
Third- or fourth-degree perineal laceration	898,764	5,233	582.7	979.0	725.8	558.9	470.1	392.3	333.7	696
Ruptured uterus	898,764	256	28.5	14.3	18.3	31.4	33.3	39.6	36.0	696
Unplanned hysterectomy	898,764	470	52.3	8.6	15.5	38.8	67.6	115.3	186.5	696
Admission to intensive care unit	898,764	1,386	154.3	148.4	105.0	122.8	170.9	252.1	301.0	696

<sup>1</sup>No response reported for selected characteristic.<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>4</sup>Includes all persons of Hispanic origin of any race.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-19. Preterm births, by race and Hispanic origin of mother: United States, each state and territory, 2017**

[By place of residence. Preterm is less than 37 completed weeks of gestation based on the obstetric estimate; see Technical Notes in report]

Area	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		Hispanic <sup>3</sup>	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		Hispanic <sup>3</sup>
		White	Black			White	Black	
Number					Percent			
United States <sup>4</sup>	382,726	180,322	78,024	86,393	9.93	9.05	13.93	9.62
Alabama	7,090	3,642	2,815	410	12.04	10.60	15.68	9.03
Alaska	937	379	35	90	8.98	7.21	10.64	11.26
Arizona	7,578	2,869	537	3,206	9.27	8.52	12.69	9.34
Arkansas	4,268	2,623	1,040	365	11.38	10.89	14.70	9.02
California	40,907	9,610	2,946	19,724	8.68	7.52	12.58	8.97
Colorado	5,638	3,121	345	1,636	8.76	8.32	11.10	9.03
Connecticut	3,338	1,592	565	886	9.48	8.46	13.14	10.04
Delaware	1,108	460	378	165	10.22	8.67	13.43	9.44
District of Columbia	1,016	209	633	127	10.63	6.87	13.85	9.51
Florida	22,851	8,772	6,942	6,106	10.22	9.12	14.06	9.11
Georgia	14,756	5,731	6,301	1,757	11.42	10.06	14.19	9.79
Hawaii	1,829	264	48	273	10.45	7.75	11.82	10.22
Idaho	1,941	1,419	15	371	8.75	8.28	6.17	10.31
Illinois	15,551	7,506	3,643	3,090	10.42	9.51	14.20	9.84
Indiana	8,087	5,666	1,325	705	9.84	9.36	13.29	9.20
Iowa	3,524	2,634	321	325	9.17	8.78	12.09	9.21
Kansas	3,495	2,329	357	556	9.57	9.10	14.02	9.33
Kentucky	6,092	4,882	715	258	11.13	11.03	14.30	8.16
Louisiana	7,725	3,381	3,659	449	12.66	10.73	16.29	9.40
Maine	1,066	943	48	22	8.67	8.61	8.81	9.61
Maryland	7,491	2,670	2,977	1,146	10.46	8.96	13.34	9.38
Massachusetts	6,272	3,285	781	1,360	8.88	8.06	11.23	9.99
Michigan	11,406	6,867	3,144	703	10.24	9.09	15.09	9.58
Minnesota	6,111	4,025	789	491	8.91	8.55	9.67	9.79
Mississippi	5,061	2,180	2,615	156	13.55	11.71	16.26	9.45
Missouri	7,702	5,242	1,566	407	10.56	9.75	14.94	9.80
Montana	1,118	803	10	55	9.48	8.57	15.63	9.40
Nebraska	2,556	1,686	216	429	9.90	9.46	12.82	9.79
Nevada	3,833	1,301	662	1,327	10.72	9.88	14.82	10.07
New Hampshire	1,010	876	25	57	8.35	8.34	10.68	8.48
New Jersey	9,613	3,834	1,787	2,667	9.50	8.37	13.06	9.75
New Mexico	2,435	668	53	1,344	10.25	10.25	13.70	10.06
New York	20,607	8,667	4,297	5,117	8.98	7.76	12.62	9.64
North Carolina	12,591	6,138	3,883	1,693	10.49	9.55	13.94	9.17
North Dakota	944	647	57	53	8.80	8.16	9.38	9.03
Ohio	14,168	9,269	3,268	819	10.36	9.39	14.58	10.97
Oklahoma	5,592	3,129	593	789	11.14	10.80	14.53	10.61
Oregon	3,640	2,316	98	753	8.35	7.92	9.86	9.10
Pennsylvania	12,969	7,882	2,411	1,623	9.43	8.55	13.12	10.26
Rhode Island	882	454	102	240	8.30	7.40	13.16	8.70
South Carolina	6,396	3,118	2,520	497	11.22	9.66	14.96	9.52
South Dakota	1,125	734	39	58	9.28	8.52	9.82	9.31
Tennessee	8,962	5,478	2,358	769	11.09	10.21	14.73	10.02
Texas	40,403	12,031	6,753	19,180	10.58	9.44	14.01	10.65
Utah	4,588	3,327	62	769	9.44	9.12	10.90	9.82
Vermont	425	391	9	2	7.52	7.62	*	*
Virginia	9,582	4,724	2,737	1,255	9.55	8.51	12.99	8.97
Washington	7,334	3,989	423	1,361	8.39	7.88	10.74	8.53
West Virginia	2,237	2,020	89	32	11.99	11.93	14.15	8.21
Wisconsin	6,260	4,059	1,027	639	9.64	8.77	14.99	10.04
Wyoming	616	480	5	81	8.92	8.85	*	9.08

**Table I-19. Preterm births, by race and Hispanic origin of mother: United States, each state and territory, 2017**

[By place of residence. Preterm is less than 37 completed weeks of gestation based on the obstetric estimate; see Technical Notes in report]

Area	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		Hispanic <sup>3</sup>	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		Hispanic <sup>3</sup>
		White	Black			White	Black	
					Number			
					Percent			
Puerto Rico	2,783	69	8	2,695	11.45	11.58	*	11.43
Virgin Islands	---	---	---	---	---	---	---	---
Guam	338	8	2	2	10.29	*	*	*
American Samoa	---	---	---	---	---	---	---	---
Northern Marianas	28	—	1	—	7.80	*	*	*

\* Figure does not meet standards of reliability or precision based on National Center for Health Statistics data presentation standards for proportions (see reference 26 in report).

--- Data not available.

— Quantity zero.

<sup>1</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>2</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>3</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.<sup>4</sup>Excludes data for the territories.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-20. Late preterm births, by race and Hispanic origin of mother: United States, each state and territory, 2017**

[By place of residence. Late preterm is 34–36 completed weeks of gestation based on the obstetric estimate; see Technical Notes in report]

Area	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		Hispanic <sup>3</sup>	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		Hispanic <sup>3</sup>
		White	Black			White	Black	
Number					Percent			
United States <sup>4</sup>	276,309	134,561	50,750	63,368	7.17	6.76	9.06	7.05
Alabama	5,089	2,772	1,851	301	8.64	8.07	10.31	6.63
Alaska	678	277	21	71	6.49	5.27	6.38	8.89
Arizona	5,622	2,180	360	2,350	6.88	6.48	8.50	6.85
Arkansas	3,103	1,977	684	273	8.27	8.21	9.67	6.74
California	30,224	7,296	1,917	14,716	6.41	5.71	8.18	6.69
Colorado	4,102	2,294	228	1,183	6.37	6.12	7.34	6.53
Connecticut	2,356	1,153	359	628	6.69	6.12	8.35	7.11
Delaware	814	368	246	124	7.51	6.94	8.74	7.09
District of Columbia	662	164	374	92	6.93	5.39	8.18	6.89
Florida	16,245	6,463	4,524	4,500	7.27	6.72	9.16	6.71
Georgia	10,513	4,354	4,148	1,302	8.14	7.64	9.34	7.25
Hawaii	1,354	203	28	207	7.73	5.96	6.90	7.75
Idaho	1,433	1,043	7	282	6.46	6.08	2.88	7.84
Illinois	11,184	5,618	2,338	2,275	7.49	7.12	9.11	7.24
Indiana	5,823	4,165	869	517	7.09	6.88	8.72	6.74
Iowa	2,626	1,993	212	243	6.83	6.64	7.98	6.89
Kansas	2,521	1,704	227	410	6.91	6.66	8.91	6.88
Kentucky	4,409	3,586	471	173	8.06	8.10	9.42	5.47
Louisiana	5,583	2,590	2,496	332	9.15	8.22	11.11	6.95
Maine	780	685	33	17	6.35	6.25	6.06	7.42
Maryland	5,213	2,015	1,911	809	7.28	6.76	8.57	6.62
Massachusetts	4,680	2,537	523	975	6.62	6.22	7.52	7.16
Michigan	8,090	5,036	2,024	529	7.26	6.67	9.71	7.21
Minnesota	4,481	3,035	505	364	6.54	6.45	6.19	7.26
Mississippi	3,610	1,687	1,718	121	9.67	9.06	10.68	7.33
Missouri	5,571	3,920	1,005	297	7.64	7.29	9.59	7.15
Montana	857	629	9	44	7.27	6.71	*	7.52
Nebraska	1,879	1,267	144	320	7.28	7.11	8.55	7.30
Nevada	2,781	962	455	987	7.78	7.31	10.18	7.49
New Hampshire	744	643	17	44	6.15	6.12	7.26	6.55
New Jersey	6,942	2,912	1,157	1,910	6.86	6.36	8.46	6.98
New Mexico	1,782	477	35	993	7.50	7.32	9.04	7.43
New York	14,669	6,421	2,733	3,646	6.40	5.75	8.02	6.87
North Carolina	8,740	4,447	2,481	1,194	7.28	6.92	8.90	6.47
North Dakota	679	470	34	33	6.33	5.93	5.59	5.62
Ohio	10,070	6,803	2,103	589	7.36	6.89	9.38	7.89
Oklahoma	4,103	2,338	387	561	8.18	8.07	9.49	7.54
Oregon	2,700	1,732	69	545	6.19	5.93	6.94	6.59
Pennsylvania	9,057	5,770	1,477	1,134	6.59	6.26	8.04	7.17
Rhode Island	594	324	54	166	5.59	5.28	6.97	6.02
South Carolina	4,499	2,356	1,597	358	7.89	7.30	9.48	6.86
South Dakota	845	544	25	50	6.97	6.32	6.30	8.03
Tennessee	6,579	4,178	1,575	554	8.14	7.79	9.84	7.22
Texas	29,265	8,920	4,460	14,116	7.66	7.00	9.25	7.84
Utah	3,471	2,534	41	587	7.14	6.94	7.21	7.49
Vermont	314	291	4	1	5.56	5.67	*	0.81
Virginia	6,820	3,496	1,785	920	6.80	6.30	8.47	6.57
Washington	5,456	3,018	282	992	6.24	5.96	7.16	6.22
West Virginia	1,664	1,511	56	24	8.92	8.92	8.90	6.15
Wisconsin	4,561	3,036	686	447	7.03	6.56	10.01	7.02
Wyoming	472	367	5	62	6.84	6.76	*	6.95

**Table I-20. Late preterm births, by race and Hispanic origin of mother: United States, each state and territory, 2017**

[By place of residence. Late preterm is 34–36 completed weeks of gestation based on the obstetric estimate; see Technical Notes in report]

Area	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		Hispanic <sup>3</sup>	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		Hispanic <sup>3</sup>
		White	Black			White	Black	
		Number				Percent		
Puerto Rico	2,033	47	4	1,974	8.36	7.89	*	8.37
Virgin Islands	---	---	---	---	---	---	---	---
Guam	273	7	2	1	8.31	*	*	*
American Samoa	---	---	---	---	---	---	---	---
Northern Marianas	23	—	1	—	6.41	*	*	*

\* Figure does not meet standards of reliability or precision based on National Center for Health Statistics data presentation standards for proportions (see reference 26 in report).

--- Data not available.

— Quantity zero.

<sup>1</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>2</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>3</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.<sup>4</sup>Excludes data for the territories.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-21. Low birthweight births, by race and Hispanic origin of mother: United States, each state and territory, 2017**

[By place of residence. Low birthweight is birthweight of less than 2,500 grams]

Area	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		Hispanic <sup>3</sup>	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		Hispanic <sup>3</sup>
		White	Black			White	Black	
Number					Percent			
United States <sup>4</sup>	318,873	139,358	77,815	66,766	8.3	7.0	13.9	7.4
Alabama	6,038	2,676	2,828	334	10.3	7.8	15.8	7.4
Alaska	647	289	31	54	6.2	5.5	9.4	6.8
Arizona	6,119	2,332	547	2,424	7.5	6.9	12.9	7.1
Arkansas	3,477	1,943	1,044	273	9.3	8.1	14.8	6.7
California	32,451	7,317	2,858	14,506	6.9	5.7	12.2	6.6
Colorado	5,848	3,169	425	1,667	9.1	8.5	13.7	9.2
Connecticut	2,845	1,291	533	739	8.1	6.9	12.4	8.4
Delaware	981	355	400	126	9.0	6.7	14.2	7.2
District of Columbia	1,001	171	671	116	10.5	5.6	14.7	8.7
Florida	19,653	6,963	6,785	4,898	8.8	7.2	13.7	7.3
Georgia	12,772	4,230	6,335	1,267	9.9	7.4	14.3	7.1
Hawaii	1,491	204	44	212	8.5	6.0	10.8	7.9
Idaho	1,545	1,133	17	287	7.0	6.6	7.0	8.0
Illinois	12,651	5,443	3,719	2,239	8.5	6.9	14.5	7.1
Indiana	6,794	4,544	1,359	527	8.3	7.5	13.6	6.9
Iowa	2,526	1,796	300	223	6.6	6.0	11.3	6.3
Kansas	2,685	1,701	355	405	7.4	6.6	13.9	6.8
Kentucky	4,831	3,716	675	234	8.8	8.4	13.5	7.4
Louisiana	6,519	2,445	3,490	359	10.7	7.8	15.5	7.5
Maine	876	767	50	19	7.1	7.0	9.2	8.3
Maryland	6,375	1,959	2,884	878	8.9	6.6	12.9	7.2
Massachusetts	5,260	2,563	741	1,157	7.5	6.3	10.7	8.5
Michigan	9,793	5,455	3,092	549	8.8	7.2	14.8	7.5
Minnesota	4,626	2,766	785	391	6.7	5.9	9.6	7.8
Mississippi	4,333	1,555	2,570	120	11.6	8.4	16.0	7.3
Missouri	6,336	3,985	1,595	322	8.7	7.4	15.2	7.8
Montana	942	694	8	46	8.0	7.4	*	7.9
Nebraska	1,930	1,222	224	311	7.5	6.9	13.3	7.1
Nevada	3,265	1,037	697	1,036	9.1	7.9	15.6	7.9
New Hampshire	839	711	22	51	6.9	6.8	9.4	7.6
New Jersey	8,040	2,923	1,676	2,094	7.9	6.4	12.3	7.7
New Mexico	2,250	603	73	1,248	9.5	9.2	19.0	9.3
New York	18,543	7,204	4,307	4,391	8.1	6.5	12.6	8.3
North Carolina	11,268	4,912	4,075	1,393	9.4	7.6	14.6	7.6
North Dakota	720	480	59	50	6.7	6.1	9.7	8.5
Ohio	11,854	7,143	3,263	640	8.7	7.2	14.6	8.6
Oklahoma	4,085	2,159	562	541	8.1	7.5	13.8	7.3
Oregon	2,972	1,884	89	575	6.8	6.4	9.0	7.0
Pennsylvania	11,580	6,501	2,561	1,419	8.4	7.1	14.0	9.0
Rhode Island	795	406	103	201	7.5	6.6	13.3	7.3
South Carolina	5,506	2,340	2,562	364	9.7	7.3	15.2	7.0
South Dakota	835	569	35	35	6.9	6.6	8.8	5.6
Tennessee	7,409	4,151	2,358	579	9.2	7.7	14.7	7.5
Texas	32,162	9,015	6,574	14,234	8.4	7.1	13.6	7.9
Utah	3,507	2,510	63	585	7.2	6.9	11.1	7.5
Vermont	380	351	8	4	6.7	6.8	*	*
Virginia	8,393	3,741	2,835	990	8.4	6.7	13.4	7.1
Washington	5,776	3,013	393	1,036	6.6	6.0	10.0	6.5
West Virginia	1,781	1,594	87	24	9.5	9.4	13.8	6.2
Wisconsin	4,968	2,949	1,046	517	7.7	6.4	15.3	8.1
Wyoming	600	478	2	76	8.7	8.8	*	8.5

**Table I-21. Low birthweight births, by race and Hispanic origin of mother: United States, each state and territory, 2017**

[By place of residence. Low birthweight is birthweight of less than 2,500 grams]

Area	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		Hispanic <sup>3</sup>	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		Hispanic <sup>3</sup>
		White	Black			White	Black	
					Number			
					Percent			
Puerto Rico	2,556	53	10	2,483	10.5	8.9	15.4	10.5
Virgin Islands	---	---	---	---	---	---	---	---
Guam	282	3	2	3	8.6	1.6	*	*
American Samoa	41	---	---	---	4.2	---	---	---
Northern Marianas	27	—	1	—	7.6	*	*	*

\* Figure does not meet standards of reliability or precision based on National Center for Health Statistics data presentation standards for proportions (see reference 26 in report).

--- Data not available.

— Quantity zero.

<sup>1</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>2</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>3</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.<sup>4</sup>Excludes data for the territories.

SOURCE: NCHS, National Vital Statistics System, Natality.



**Table I-22. Very low birthweight births, by race and Hispanic origin of mother: United States, each state and territory, 2017**

[By place of residence. Very low birthweight is birthweight of less than 1,500 grams]

Area	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		Hispanic <sup>3</sup>	All races and origins <sup>1</sup>	Non-Hispanic, single race <sup>2</sup>		Hispanic <sup>3</sup>
		White	Black			White	Black	
Number					Percent			
United States <sup>4</sup>	54,135	20,981	16,544	11,275	1.4	1.1	3.0	1.3
Alabama	1,119	429	615	52	1.9	1.2	3.4	1.1
Alaska	104	44	9	6	1.0	0.8	2.7	0.8
Arizona	952	312	103	424	1.2	0.9	2.4	1.2
Arkansas	598	308	219	36	1.6	1.3	3.1	0.9
California	5,191	1,029	594	2,416	1.1	0.8	2.5	1.1
Colorado	779	392	72	242	1.2	1.0	2.3	1.3
Connecticut	513	205	129	135	1.5	1.1	3.0	1.5
Delaware	169	39	93	23	1.6	0.7	3.3	1.3
District of Columbia	206	17	163	17	2.2	0.6	3.6	1.3
Florida	3,433	1,038	1,432	815	1.5	1.1	2.9	1.2
Georgia	2,319	637	1,314	241	1.8	1.1	3.0	1.3
Hawaii	224	25	8	40	1.3	0.7	2.0	1.5
Idaho	231	166	4	42	1.0	1.0	1.6	1.2
Illinois	2,131	795	780	372	1.4	1.0	3.0	1.2
Indiana	1,152	718	279	82	1.4	1.2	2.8	1.1
Iowa	422	285	66	39	1.1	0.9	2.5	1.1
Kansas	476	300	74	64	1.3	1.2	2.9	1.1
Kentucky	827	616	138	42	1.5	1.4	2.8	1.3
Louisiana	1,138	355	694	62	1.9	1.1	3.1	1.3
Maine	147	131	8	4	1.2	1.2	1.5	1.7
Maryland	1,261	299	674	166	1.8	1.0	3.0	1.4
Massachusetts	772	331	161	185	1.1	0.8	2.3	1.4
Michigan	1,637	826	652	73	1.5	1.1	3.1	1.0
Minnesota	810	443	184	66	1.2	0.9	2.3	1.3
Mississippi	780	216	537	10	2.1	1.2	3.3	0.6
Missouri	1,087	634	316	59	1.5	1.2	3.0	1.4
Montana	122	79	1	4	1.0	0.8	*	0.7
Nebraska	297	159	39	58	1.2	0.9	2.3	1.3
Nevada	530	157	132	173	1.5	1.2	3.0	1.3
New Hampshire	125	106	4	12	1.0	1.0	1.7	1.8
New Jersey	1,366	392	392	370	1.3	0.9	2.9	1.4
New Mexico	311	100	7	163	1.3	1.5	1.8	1.2
New York	3,200	1,035	1,000	779	1.4	0.9	2.9	1.5
North Carolina	2,025	765	900	227	1.7	1.2	3.2	1.2
North Dakota	130	82	16	11	1.2	1.0	2.6	1.9
Ohio	2,107	1,153	721	105	1.5	1.2	3.2	1.4
Oklahoma	748	375	128	115	1.5	1.3	3.1	1.5
Oregon	449	266	18	108	1.0	0.9	1.8	1.3
Pennsylvania	2,092	1,001	602	263	1.5	1.1	3.3	1.7
Rhode Island	158	72	28	39	1.5	1.2	3.6	1.4
South Carolina	1,004	353	552	57	1.8	1.1	3.3	1.1
South Dakota	142	95	7	3	1.2	1.1	1.8	0.5
Tennessee	1,224	608	468	108	1.5	1.1	2.9	1.4
Texas	5,437	1,382	1,261	2,432	1.4	1.1	2.6	1.4
Utah	589	400	16	94	1.2	1.1	2.8	1.2
Vermont	62	55	4	—	1.1	1.1	*	0.0
Virginia	1,526	595	619	176	1.5	1.1	2.9	1.3
Washington	860	416	85	168	1.0	0.8	2.2	1.1
West Virginia	295	254	23	4	1.6	1.5	3.7	1.0
Wisconsin	795	438	203	89	1.2	0.9	3.0	1.4
Wyoming	63	53	—	4	0.9	1.0	*	0.4

**Table I-22. Very low birthweight births, by race and Hispanic origin of mother: United States, each state and territory, 2017**

[By place of residence. Very low birthweight is birthweight of less than 1,500 grams]

Area	All races and origins <sup>1</sup>			Hispanic <sup>3</sup>	Non-Hispanic, single race <sup>2</sup>			Hispanic <sup>3</sup>
	White	Black	Hispanic <sup>3</sup>		White	Black	Hispanic <sup>3</sup>	
	Number				Percent			
Puerto Rico	347	13	1	331	1.4	2.2	*	1.4
Virgin Islands	---	---	---	---	---	---	---	---
Guam	33	—	—	—	1.0	0.0	*	*
American Samoa	6	---	---	---	0.6	---	---	---
Northern Marianas	3	—	—	—	0.8	*	*	*

\* Figure does not meet standards of reliability or precision based on National Center for Health Statistics data presentation standards for proportions (see reference 26 in report).

— Quantity zero.

0.0 Equals zero events in the numerator or percentage of less than 0.05%.

--- Data not available.

<sup>1</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>2</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>3</sup>Includes all persons of Hispanic origin of any race; see Technical Notes.<sup>4</sup>Excludes data for the territories.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-23. Twin and triplet or higher-order multiple births, by state: United States and each state, 2015–2017**

Area	Twin		Area	Triplet or higher order <sup>1</sup>	
	Number	Rate per 1,000 live births		Number	Rate per 100,000 live births
United States	393,188	33.4	United States	12,043	102.2
Alabama	6,360	35.8	Alabama	297	167.1
Alaska	999	30.3	Alaska	18	54.7
Arizona	7,608	30.2	Arizona	248	98.5
Arkansas	3,509	30.6	Arkansas	87	75.9
California	44,813	30.9	California	1,214	83.6
Colorado	6,068	30.7	Colorado	152	76.9
Connecticut	4,364	40.8	Connecticut	125	116.8
Delaware	1,057	32.0	Delaware	18	54.5
District of Columbia	1,184	40.8	District of Columbia	15	51.7
Florida	21,749	32.3	Florida	534	79.4
Georgia	13,118	33.6	Georgia	411	105.2
Hawaii	1,687	31.2	Hawaii	66	122.2
Idaho	2,144	31.8	Idaho	62	91.9
Illinois	17,108	37.0	Illinois	514	111.3
Indiana	8,196	32.9	Indiana	327	131.2
Iowa	3,851	32.8	Iowa	127	108.3
Kansas	3,533	31.1	Kansas	96	84.4
Kentucky	5,610	33.8	Kentucky	161	96.9
Louisiana	6,405	33.9	Louisiana	259	137.1
Maine	1,137	30.2	Maine	37	98.4
Maryland	7,450	34.1	Maryland	229	104.9
Massachusetts	7,765	36.4	Massachusetts	194	90.9
Michigan	12,469	36.9	Michigan	437	129.3
Minnesota	7,127	34.2	Minnesota	223	107.1
Mississippi	3,815	33.6	Mississippi	91	80.0
Missouri	7,886	35.4	Missouri	272	122.1
Montana	1,193	32.5	Montana	15	40.9
Nebraska	2,869	36.3	Nebraska	146	184.6
Nevada	3,392	31.3	Nevada	77	71.1
New Hampshire	1,236	33.6	New Hampshire	49	133.1
New Jersey	11,680	38.0	New Jersey	329	107.2
New Mexico	1,852	24.9	New Mexico	56	75.4
New York	25,150	35.9	New York	805	114.8
North Carolina	12,487	34.5	North Carolina	376	103.9
North Dakota	1,086	32.5	North Dakota	38	113.7
Ohio	14,506	35.0	Ohio	534	128.9
Oklahoma	4,846	31.1	Oklahoma	105	67.3
Oregon	4,550	33.7	Oregon	130	96.4
Pennsylvania	14,436	34.5	Pennsylvania	358	85.6
Rhode Island	1,138	35.1	Rhode Island	45	138.8
South Carolina	6,098	35.3	South Carolina	170	98.5
South Dakota	1,230	33.5	South Dakota	51	138.8
Tennessee	7,889	32.4	Tennessee	275	112.9
Texas	36,990	31.2	Texas	1,256	106.1
Utah	5,327	35.6	Utah	182	121.5
Vermont	561	32.4	Vermont	11	63.5
Virginia	10,442	34.1	Virginia	314	102.6
Washington	8,078	30.2	Washington	216	80.9
West Virginia	1,732	30.1	West Virginia	62	107.7
Wisconsin	6,772	34.1	Wisconsin	201	101.2
Wyoming	636	28.8	Wyoming	28	127.0

<sup>1</sup>Includes triplet and quadruplet and other higher-order multiple births.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I–24. Abnormal conditions of the newborn, by age (years) and race and Hispanic origin of mother: United States, 2017**

[Rates are number of live births with specified condition per 1,000 live births in specified group]

Abnormal condition and race and Hispanic origin of mother	All births	Condition reported	All ages	Under 20	20–24	25–29	30–34	35–39	40–54	Not stated <sup>1</sup>
All races and origins <sup>2</sup>	Number		Rate per 1,000							Number
	Assisted ventilation required immediately following delivery	3,855,500	160,275	41.6	44.2	41.0	40.1	40.1	45.1	53.1
Assisted ventilation required for more than 6 hours	3,855,500	56,456	14.7	14.9	13.9	14.0	14.2	16.7	20.2	3,432
NICU admission	3,855,500	345,929	89.8	92.0	86.0	84.9	87.6	100.2	127.4	3,432
Surfactant replacement therapy given to newborn	3,855,500	18,367	4.8	5.2	4.7	4.6	4.4	5.3	6.5	3,432
Antibiotics received by newborn for suspected neonatal sepsis	3,855,500	88,816	23.1	28.6	24.6	22.5	21.6	22.7	25.2	3,432
Seizure or serious neurologic dysfunction	3,855,500	1,347	0.3	0.4	0.4	0.4	0.3	0.3	0.3	3,432
Non-Hispanic, single race <sup>3</sup>										
White:										
Assisted ventilation required immediately following delivery	1,992,461	89,299	44.9	51.3	45.6	43.4	42.6	47.7	57.4	1,728
Assisted ventilation required for more than 6 hours	1,992,461	31,302	15.7	17.3	15.3	14.9	15.0	17.6	22.4	1,728
NICU admission	1,992,461	167,561	84.2	85.8	80.0	80.2	82.6	93.0	118.2	1,728
Surfactant replacement therapy given to newborn	1,992,461	9,893	5.0	5.7	5.2	4.8	4.6	5.3	6.5	1,728
Antibiotics received by newborn for suspected neonatal sepsis	1,992,461	44,278	22.2	26.5	23.6	21.9	21.2	22.1	25.2	1,728
Seizure or serious neurologic dysfunction	1,992,461	821	0.4	0.4	0.5	0.4	0.4	0.4	0.4	1,728
Black:										
Assisted ventilation required immediately following delivery	560,715	28,272	50.5	48.9	46.3	48.5	51.9	58.4	69.3	468
Assisted ventilation required for more than 6 hours	560,715	10,498	18.7	17.0	16.8	18.2	19.4	22.8	25.6	468
NICU admission	560,715	66,796	119.2	110.9	109.1	112.5	122.8	143.7	176.4	468
Surfactant replacement therapy given to newborn	560,715	3,833	6.8	7.2	6.1	6.9	6.7	7.7	9.7	468
Antibiotics received by newborn for suspected neonatal sepsis	560,715	15,806	28.2	31.5	28.2	26.9	27.5	29.8	32.5	468
Seizure or serious neurologic dysfunction	560,715	197	0.4	0.2	0.3	0.4	0.4	0.4	0.5	468
Hispanic <sup>4</sup>										
Assisted ventilation required immediately following delivery	898,764	27,992	31.2	32.9	30.1	28.7	30.2	36.6	41.0	522
Assisted ventilation required for more than 6 hours	898,764	9,682	10.8	10.8	9.8	10.0	10.5	13.4	16.2	522
NICU admission	898,764	76,192	84.8	86.0	79.9	77.9	84.6	99.3	121.8	522
Surfactant replacement therapy given to newborn	898,764	3,191	3.6	3.4	3.2	3.3	3.4	4.7	5.6	522
Antibiotics received by newborn for suspected neonatal sepsis	898,764	19,406	21.6	28.2	23.5	19.9	19.1	21.8	23.6	522
Seizure or serious neurologic dysfunction	898,764	199	0.2	0.3	0.2	0.2	0.2	0.3	0.2	522

<sup>1</sup>No response reported for selected characteristic.<sup>2</sup>Includes births to race and origin groups not shown separately, such as Hispanic single-race white, Hispanic single-race black, and non-Hispanic multiple-race women, and births with origin not stated.<sup>3</sup>Race and Hispanic origin are reported separately on birth certificates; persons of Hispanic origin may be of any race. In this table, non-Hispanic women are classified by race. Race categories are consistent with the 1997 Office of Management and Budget standards; see Technical Notes in report. Single race is defined as only one race reported on the birth certificate.<sup>4</sup>Includes all persons of Hispanic origin of any race.

SOURCE: NCHS, National Vital Statistics System, Natality.

**Table I-25. Congenital anomalies of the newborn, by age (years) of mother: United States, 2017**

[Rates are number of live births with specified anomalies per 100,000 live births in specified group]

Congenital anomaly	All births	Congenital anomalies reported	All ages	Under 20	20-24	25-29	30-34	35-39	40-54	Not stated <sup>1</sup>
Anencephaly	3,855,500	432	11.2	14.8	11.3	11.9	10.0	11.2	9.7	4,897
Menigomyelocele/ spina bifida	3,855,500	595	15.5	18.9	15.8	14.6	14.9	15.5	19.4	4,897
Cyanotic congenital heart disease	3,855,500	2,126	55.2	48.0	52.4	52.8	54.6	60.5	87.9	4,897
Congenital diaphragmatic hernia	3,855,500	471	12.2	10.7	13.5	13.7	10.1	12.1	12.9	4,897
Omphalocele	3,855,500	399	10.4	8.2	10.6	9.7	11.0	9.0	18.6	4,897
Gastroschisis	3,855,500	925	24.0	87.7	51.2	21.0	8.0	6.1	4.0	4,897
Limb reduction defect	3,855,500	525	13.6	15.8	16.1	13.7	11.4	13.7	13.7	4,897
Cleft lip with or without cleft palate	3,855,500	1,990	51.7	52.5	56.6	54.6	45.3	49.8	58.1	4,897
Cleft palate alone	3,855,500	926	24.0	20.9	24.2	23.7	24.3	26.0	20.2	4,897
Down syndrome	3,855,500	2,039	53.0	31.1	25.1	27.4	39.9	108.1	358.2	4,897
Suspected chromosomal disorder	3,855,500	1,657	43.0	39.8	32.6	35.9	36.7	61.2	151.7	4,897
Hypospadias <sup>2</sup>	3,855,500	2,314	60.1	59.7	57.7	57.7	61.2	61.9	79.1	4,897
Males only <sup>3</sup>	1,972,885	2,314	117.4	116.7	112.8	112.8	119.5	121.1	155.7	2,613

<sup>1</sup>No response reported for selected characteristic.<sup>2</sup>Denominator includes both male and female births.<sup>3</sup>Denominator includes male births only.

SOURCE: NCHS, National Vital Statistics System, Natality.