

Table 40. Live births by method of delivery and rates of cesarean delivery and vaginal birth after previous cesarean delivery, by age and race and Hispanic origin of mother: United States, 2002

Age and race and Hispanic origin of mother	Births by method of delivery							Cesarean delivery rate		
	All births	Vaginal			Cesarean			Total ¹	Primary ²	Rate of vaginal birth after previous cesarean ³
		Total	After previous cesarean	Not stated	Total	Primary	Repeat			
All races ⁴	4,021,726	2,958,423	59,248	1,043,846	634,426	409,420	19,457	26.1	18.0	12.6
Under 20 years	432,808	353,653	1,506	77,563	67,741	9,822	1,592	18.0	16.1	13.3
20-24 years	1,022,106	799,537	10,910	218,239	144,947	73,292	4,330	21.4	15.5	13.0
25-29 years	1,060,391	788,776	16,294	266,452	159,869	106,583	5,163	25.3	17.1	13.3
30-34 years	951,219	663,566	17,976	282,576	156,159	126,417	5,077	29.9	19.5	12.4
35-39 years	453,927	293,251	10,278	158,005	82,497	75,508	2,671	35.0	22.6	12.0
40-54 years	101,275	59,640	2,284	41,011	23,213	17,798	624	40.7	28.8	11.4
White total ⁵	3,174,760	2,340,512	46,004	818,347	493,002	325,345	15,901	25.9	17.7	12.4
Under 20 years	309,872	254,659	936	54,046	47,427	6,619	1,167	17.5	15.7	12.4
20-24 years	783,000	615,786	7,740	163,799	109,359	54,440	3,415	21.0	15.2	12.4
25-29 years	851,142	635,069	12,493	211,779	126,723	85,056	4,294	25.0	16.9	12.8
30-34 years	779,535	545,608	14,479	229,600	125,761	103,839	4,327	29.6	19.1	12.2
35-39 years	369,833	240,983	8,489	126,667	65,511	61,156	2,183	34.5	22.0	12.2
40-54 years	81,378	48,407	1,867	32,456	18,221	14,235	515	40.1	28.1	11.6
Non-Hispanic white	2,298,156	1,687,144	33,440	598,682	370,339	228,343	12,330	26.2	18.3	12.8
Under 20 years	181,004	147,689	436	32,537	29,162	3,375	778	18.1	16.5	11.4
20-24 years	519,153	407,287	4,789	109,349	75,400	33,949	2,517	21.2	15.8	12.4
25-29 years	614,909	460,484	8,305	151,127	95,538	55,589	3,298	24.7	17.4	13.0
30-34 years	620,173	436,899	11,334	179,763	102,221	77,542	3,511	29.2	19.4	12.8
35-39 years	297,436	195,548	7,020	100,082	53,195	46,887	1,806	33.9	22.0	13.0
40-54 years	65,481	39,237	1,556	25,824	14,823	11,001	420	39.7	28.2	12.4
Black total ⁵	593,691	427,801	9,567	163,295	100,621	62,674	2,595	27.6	19.4	13.2
Under 20 years	106,983	85,354	517	21,268	18,344	2,924	361	19.9	17.8	15.0
20-24 years	194,704	147,381	2,712	46,562	29,756	16,806	761	24.0	17.1	13.9
25-29 years	136,591	97,412	2,825	38,552	21,633	16,919	627	28.4	18.6	14.3
30-34 years	95,006	62,182	2,165	32,364	17,624	14,740	460	34.2	22.7	12.8
35-39 years	48,388	28,766	1,062	19,297	10,242	9,055	325	40.1	27.0	10.5
40-54 years	12,019	6,706	286	5,252	3,022	2,230	61	43.9	32.0	11.4
Non-Hispanic black	578,335	416,516	9,317	159,297	98,245	61,052	2,522	27.7	19.4	13.2
Under 20 years	104,626	83,420	507	20,849	17,963	2,886	357	20.0	17.8	14.9
20-24 years	190,241	143,871	2,664	45,627	29,144	16,483	743	24.1	17.1	13.9
25-29 years	132,824	94,614	2,746	37,605	21,108	16,497	605	28.4	18.7	14.3
30-34 years	92,155	60,277	2,092	31,434	17,140	14,294	444	34.3	22.8	12.8
35-39 years	46,831	27,829	1,026	18,687	9,949	8,738	315	40.2	27.1	10.5
40-54 years	11,658	6,505	282	5,095	2,941	2,154	58	43.9	32.1	11.6
Hispanic ⁶	876,642	653,516	12,610	219,777	122,603	97,174	3,349	25.2	16.1	11.5
Under 20 years	130,321	108,166	515	21,782	18,513	3,269	373	16.8	14.7	13.6
20-24 years	265,235	209,624	2,976	54,748	34,148	20,600	863	20.7	14.2	12.6
25-29 years	236,143	174,488	4,215	60,708	31,151	29,557	947	25.8	15.5	12.5
30-34 years	157,887	107,505	3,139	49,628	23,323	26,305	754	31.6	18.3	10.7
35-39 years	71,480	44,773	1,460	26,376	12,150	14,226	331	37.1	21.9	9.3
40-54 years	15,576	8,960	305	6,535	3,318	3,217	81	42.2	27.7	8.7

¹Percent of all live births by cesarean delivery.²Number of primary cesareans per 100 live births to women who have not had a previous cesarean.³Number of vaginal births after previous cesarean delivery per 100 live births to women with a previous cesarean delivery.⁴Includes races other than white and black and origin not stated.⁵Race and Hispanic origin are reported separately on the birth certificate. Race categories are consistent with the 1977 Office of Management and Budget guidelines. Data for persons of Hispanic origin are included in the data for each race group according to the mother's reported race; see "Technical Notes."⁶Includes all persons of Hispanic origin of any race.