

Table 41. Rates of cesarean delivery and vaginal birth after previous cesarean delivery, by race and Hispanic origin of mother: United States, each State and territory, 2002

[By place of residence]

State	Cesarean delivery rate ¹						Rate of vaginal births after previous cesarean ²					
	All races ³	White		Black		Hispanic ⁵	All races ³	White		Black		Hispanic ⁵
		Total ⁴	Non-Hispanic	Total ⁴	Non-Hispanic			Total ⁴	Non-Hispanic	Total ⁴	Non-Hispanic	
United States ⁶	26.1	25.9	26.2	27.6	27.7	25.2	12.6	12.4	12.8	13.2	13.2	11.5
Alabama	28.7	28.6	29.0	29.1	29.1	23.4	9.4	9.5	9.0	9.2	9.2	16.4
Alaska	19.5	22.0	21.2	22.5	20.2	17.9	20.8	14.5	12.7	*	*	*
Arizona	21.3	21.3	23.2	23.8	23.8	19.3	11.4	10.4	11.0	8.9	9.8	9.7
Arkansas	29.1	28.9	29.4	30.2	30.2	24.8	11.9	11.5	10.7	13.3	13.3	16.7
California	26.8	26.6	27.4	30.2	30.4	26.1	8.0	7.8	8.0	7.9	7.9	7.6
Colorado	21.1	21.1	21.6	21.2	21.3	19.9	18.6	18.5	17.7	19.0	18.3	20.2
Connecticut	26.1	26.2	27.1	26.4	26.4	22.4	13.3	13.4	12.9	13.6	13.8	15.9
Delaware	27.3	26.9	27.4	28.6	28.7	24.2	12.8	12.6	10.9	13.4	13.2	20.3
District of Columbia	26.5	24.9	26.7	27.6	27.7	21.6	8.4	10.4	*	7.4	7.5	*
Florida	28.5	28.9	27.9	27.8	27.8	30.8	8.3	7.8	8.9	9.7	9.8	5.9
Georgia	25.9	25.5	26.8	26.9	26.9	19.9	11.1	11.5	10.7	10.2	10.1	14.7
Hawaii	21.4	19.5	19.2	16.9	15.9	22.1	16.7	15.5	15.4	*	*	15.7
Idaho	19.7	19.5	19.4	22.3	22.0	20.5	17.4	17.6	16.6	*	*	22.0
Illinois	23.9	23.8	24.8	24.1	24.1	21.4	17.1	17.2	16.2	16.0	16.1	19.3
Indiana	24.8	24.7	24.7	25.5	25.5	24.5	12.2	11.7	11.4	15.3	15.3	14.1
Iowa	24.8	24.9	24.9	24.8	25.0	24.4	12.0	11.9	11.9	14.4	14.4	10.8
Kansas	24.8	24.8	25.1	27.3	27.3	23.4	11.7	11.6	11.3	12.0	11.9	13.5
Kentucky	28.0	28.0	28.1	28.6	28.6	27.3	9.4	9.1	9.0	11.6	11.5	13.0
Louisiana	30.4	31.3	31.3	29.3	29.2	30.0	6.4	4.6	4.6	8.8	8.9	*
Maine	25.7	25.6	25.6	24.1	24.6	28.9	10.4	10.6	10.5	*	*	*
Maryland	27.5	26.5	27.0	29.5	29.6	23.6	17.0	17.4	17.1	16.0	16.1	19.6
Massachusetts	28.0	28.1	28.7	29.2	29.3	24.5	14.9	14.7	14.3	15.2	16.1	16.6
Michigan	24.9	25.0	25.1	24.6	24.6	23.7	13.0	12.8	12.6	14.3	14.2	14.5
Minnesota	22.2	22.7	22.8	22.9	23.1	22.4	16.4	15.1	14.4	26.4	26.0	20.9
Mississippi	31.1	31.5	31.7	30.9	30.9	24.4	6.9	6.1	5.8	7.9	7.9	*
Missouri	25.7	25.9	26.0	25.0	25.0	24.1	14.1	13.3	13.2	17.5	17.6	14.4
Montana	22.9	22.5	22.5	*	*	23.4	16.1	16.4	16.2	*	*	*
Nebraska	26.7	26.9	27.4	24.4	24.2	23.8	9.8	9.3	9.5	15.3	15.8	9.3
Nevada	25.7	25.0	27.1	31.1	31.2	22.3	11.3	11.5	8.0	9.4	9.6	16.0
New Hampshire	24.2	24.2	24.4	25.6	28.9	21.1	15.7	15.6	15.5	*	*	*
New Jersey	30.9	30.9	31.5	31.7	31.4	29.7	16.8	16.1	16.0	19.7	20.6	16.2
New Mexico	19.1	19.6	21.2	20.7	21.1	18.7	21.5	20.4	21.5	*	*	19.9
New York	27.1	27.3	27.7	27.6	28.0	25.9	18.2	18.0	18.1	19.0	19.4	17.3
North Carolina	26.4	26.0	27.1	28.1	28.1	21.0	13.2	13.0	11.5	13.3	13.2	20.3
North Dakota	23.1	22.9	22.8	*	*	27.5	16.7	16.7	16.9	*	*	*
Ohio	23.6	23.5	23.5	24.4	24.4	23.2	18.9	18.3	18.3	22.0	21.9	18.5
Oklahoma	28.1	27.7	28.0	30.0	30.1	25.4	8.4	8.6	8.2	8.3	8.3	10.7
Oregon	23.4	23.3	23.6	25.9	26.2	21.7	16.3	16.5	15.2	*	*	20.8
Pennsylvania	24.8	24.8	24.9	25.2	25.2	23.6	18.4	17.7	17.6	22.6	22.8	18.1
Rhode Island	26.2	26.8	28.3	25.0	24.8	23.4	13.0	12.4	12.4	*	*	11.9
South Carolina	28.6	28.4	28.5	29.2	29.2	26.3	9.5	9.3	9.2	9.7	9.8	9.8
South Dakota	24.6	24.7	24.7	20.4	20.4	21.3	16.7	17.1	16.8	*	*	*
Tennessee	27.5	27.7	28.1	26.7	26.7	23.1	11.6	10.1	9.9	16.6	16.6	13.3
Texas	27.9	27.7	28.5	29.9	30.0	27.1	8.0	8.1	7.0	6.3	6.2	8.8
Utah	19.1	18.9	18.4	27.4	27.2	22.2	24.1	24.5	24.5	*	*	24.2
Vermont	20.9	20.9	21.0	*	*	*	25.6	25.6	25.4	*	*	*
Virginia	26.8	26.3	26.6	27.9	27.9	24.3	12.6	12.4	12.3	13.4	13.3	13.0
Washington	24.0	23.9	24.4	27.0	27.0	21.6	14.6	14.8	13.3	12.5	11.6	20.1
West Virginia	29.3	29.2	29.2	32.1	32.2	26.2	9.3	9.2	9.3	*	*	*
Wisconsin	20.6	21.1	21.3	18.1	18.1	19.6	18.3	17.5	17.0	24.6	24.2	21.9
Wyoming	21.1	21.1	20.8	*	*	23.3	18.0	18.0	18.4	*	*	*
Puerto Rico	44.8	45.1	---	42.7	---	---	3.7	3.7	---	3.4	---	---
Virgin Islands	23.4	26.2	26.8	23.2	22.7	25.9	18.3	*	*	18.2	18.5	*
Guam	20.6	20.5	20.5	*	*	*	21.1	*	*	*	*	*
American Samoa	---	---	---	---	---	---	---	---	---	---	---	---
Northern Marianas	24.8	*	---	*	---	---	*	*	---	*	---	---

* Figure does not meet standards of reliability or precision; based on fewer than 20 births in the numerator.

--- Data not available.

¹Percent of all live births by cesarean delivery.²Number of vaginal births after previous cesarean delivery per 100 live births to women with a previous cesarean delivery.³Includes races other than white and black and origin not stated.⁴Race 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."⁵Includes all persons of Hispanic origin of any race.⁶Excludes data for the territories.