

Table I. Relationships between maternal and fetal characteristics and cesarean delivery

Variable	Total	Cesarean delivery		Statistical significance*
		No.	%	
African American race				<i>P</i> < .001
No	18,592	3221	17.3	
Yes	3,502	505	14.4	
Missing	63	9	14.3	
Age				<i>P</i> < .001
12-19 y	1,797	165	9.2	
20-24 y	3,222	460	14.3	
25-29 y	5,949	886	14.9	
30-34 y	7,062	1295	18.3	
≥35 y	4,127	929	22.5	
Married				<i>P</i> < .001
Yes	14,641	2631	18.0	
No	7,516	1104	14.7	
Insurance type				<i>P</i> < .001
Third-party	16,847	2988	17.7	
Public	5,310	747	14.1	
Previous cesarean delivery†				<i>P</i> < .001
No	9,521	568	6.0	
Yes	2,439	1204	49.4	
Cigarette use in pregnancy				<i>P</i> = .747
No	19,329	3251	16.8	
Yes	2,819	481	17.1	
Missing	9	3	33.3	
Diabetes				<i>P</i> < .001
None	21,464	3508	16.3	
Gestational	552	157	28.4	
Insulin-dependent	137	67	48.9	
Missing	4	3	75.0	
Hypertension				<i>P</i> < .001
None	20,222	3217	15.9	
Transient	1,168	234	20.0	
Preeclampsia or eclampsia	767	284	37.0	
Preterm delivery (<37 wk)				<i>P</i> < .001
No	19,790	3071	15.5	
Yes	2,365	664	28.1	
Missing	2	0	0	
Fetal presentation				<i>P</i> < .001
Vertex	20,550	2455	11.9	
Breech	855	740	86.5	
Abnormal lie	752	540	71.8	
Fetal growth by <i>International Classification of Diseases, Ninth Revision</i> code				<i>P</i> < .001
Intrauterine growth restriction	551	131	23.8	
Normal	20,167	3092	15.3	
Macrosomia	1,439	512	35.6	

*Missing cases were not included in calculations of *P* values.

†Among women who had at least one previous delivery.