

## Appendix 1. Baseline Characteristics of Included and Excluded Parturients

	Included (%) n=690,742	Excluded* (%) n=1,714,553
<b>Maternal Age</b>		
<20	44,277 (6.4)	138584 (8.1)
20-34	496,969 (71.9)	1263738 (73.7)
35-39	119,738 (17.3)	251224 (14.7)
≥40	29,758 (4.3)	61007 (3.6)
<b>Race</b>		
Non-Hispanic white	371,615 (53.8)	795199 (46.4)
Non-Hispanic black	99,624 (14.4)	281527 (16.4)
Hispanic	113,495 (16.4)	223342 (13)
Asian or Pacific Islander	39,644 (5.7)	90254 (5.3)
Other/missing	66,363 (9.6)	324231 (18.9)
<b>Annual delivery volume</b>		
≤1000	53,771 (7.8)	277,960 (16.2)
1001-2000	131,438 (19.0)	428,812 (25.0)
2001-4000	323,468 (46.8)	719,854 (42.0)
>4000	182,065 (26.4)	287,927 (16.8)
<b>Antepartum conditions</b>		
Placental abruption	6,174 (0.9)	14,791 (0.9)
Placenta previa	4,624 (0.7)	10,367 (0.6)

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Previous cesarean delivery	95,802 (13.9)	225,285 (13.1)
Intrauterine fetal demise	4,310 (0.6)	11,385 (0.7)
<b>Risk factors for atony</b>		
Chorioamnionitis	11,517 (1.7)	28,843 (1.7)
Multiple gestation	16,355 (2.4)	31,177 (1.8)
Leiomyomas	8,876 (1.3)	19,080 (1.1)
Severe preeclampsia	6,440 (0.9)	16,813 (1.0)
Induction of labor	86,967 (12.6)	190,937 (11.1)
Cesarean delivery	207,899 (30.1)	473,361 (27.6)
<b>Hemorrhagic complications</b>		
Uterine atony	11,344 (1.6)	28,959 (1.7)
Retained placenta with postpartum hemorrhage	1,858 (0.3)	4,637 (0.3)

\*All deliveries from hospitals that did not record a single unit of blood transfused during the year of delivery were excluded from further analysis.

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