

Supplemental Information

APPENDIX

Individual and Hospital Characteristics by Region

Characteristics	Region A (n = 2017)	Region B (n = 2752)	Region C (n = 2811)	Region D (n = 2500)	Region E (n = 2183)	Region F (n = 3037)	Region G (n = 6831)	Region H (n = 3218)	Region I (n = 2846)	Region J (n = 2731)	Region K (n = 2684)
Antenatal corticosteroid use											
No	145 (7)	242 (9)	292 (10)	329 (13)	342 (16)	488 (16)	1299 (19)	629 (20)	570 (20)	556 (20)	568 (21)
Yes	1872 (93)	2510 (91)	2519 (90)	2171 (87)	1841 (84)	2549 (84)	5532 (81)	2589 (80)	2276 (80)	2175 (80)	2116 (79)
Prenatal care											
No	29 (1)	35 (1)	46 (2)	57 (2)	63 (3)	120 (4)	173 (3)	116 (4)	121 (4)	128 (5)	103 (4)
Yes	1988 (99)	2717 (99)	2764 (98)	2434 (98)	2111 (97)	2911 (96)	6616 (97)	3092 (96)	2721 (96)	2585 (95)	2573 (96)
Prolonged rupture of membranes											
No	1320 (77)	2362 (86)	2161 (77)	2025 (81)	1779 (82)	2482 (83)	5631 (85)	2668 (83)	2320 (82)	2308 (85)	2081 (78)
Yes	388 (23)	380 (14)	649 (23.1%)	470 (19)	384 (18)	503 (17)	1022 (15)	533 (17)	516 (18)	402 (15)	598 (22)
Maternal hypertension											
No	1163 (68)	1874 (68)	1982 (71)	1882 (76)	1622 (75)	2234 (75)	4996 (75)	2334 (73)	2125 (76)	2001 (74)	2036 (76)
Yes	555 (32)	865 (32)	826 (29)	609 (24)	543 (25)	758 (25)	1662 (25)	863 (27)	678 (24)	702 (26)	637 (24)
Maternal diabetes											
No	1451 (85)	2435 (89)	2458 (88)	2166 (87)	1971 (91)	2573 (86)	6031 (91)	2914 (91)	2543 (91)	2473 (92)	2434 (91)
Yes	266 (15)	304 (11)	350 (13)	325 (13)	194 (9)	419 (14)	627 (9)	283 (9)	260 (9)	230 (8)	239 (9)
Multiple gestation											
No	1397 (69)	1936 (70)	1895 (67)	1759 (70)	1581 (72)	2052 (68)	4764 (70)	2347 (73)	2191 (77)	2083 (76)	1971 (73)
Yes	620 (31)	816 (30)	916 (33)	741 (30)	602 (28)	983 (32)	2067 (30)	871 (27)	655 (23)	648 (24)	713 (27)
Delivery mode											
Cesarean	1436 (71)	2054 (75)	2059 (73)	1824 (73)	1606 (74)	2330 (77)	5430 (79)	2360 (73)	2047 (72)	2023 (74)	1929 (72)
Vaginal	581 (29)	698 (25)	750 (27)	671 (27)	576 (26)	706 (23)	1401 (21)	858 (27)	799 (28)	708 (26)	755 (28)
Fetal distress											
No	1497 (87)	2238 (82)	2209 (79)	2075 (83)	1706 (79)	2048 (69)	5291 (80)	2621 (82)	1662 (59)	2024 (75)	1954 (73)
Yes	220 (13)	500 (18)	601 (21)	413 (17)	448 (21)	930 (31)	1352 (20)	573 (18)	1169 (41)	675 (25)	722 (27)
Maternal age, y											
<20	113 (6)	185 (7)	190 (7)	171 (7)	205 (9)	245 (8)	520 (8)	304 (10)	392 (14)	331 (12)	292 (11)
20 to 29	743 (37)	985 (36)	1018 (36)	919 (37)	864 (40)	1236 (41)	2652 (39)	1256 (39)	1448 (51)	1364 (50)	1274 (48)
30 to 39	1039 (52)	1413 (51)	1316 (47)	1191 (48)	965 (44)	1334 (44)	3125 (46)	1406 (44)	912 (32)	916 (34)	1003 (37)
≥40	122 (6)	169 (6)	286 (10)	216 (9)	148 (7)	220 (7)	516 (8)	250 (8)	93 (3)	120 (4)	114 (4)
Race or ethnicity											
Black	323 (16)	500 (18)	461 (16)	75 (3)	161 (7)	225 (7)	712 (10)	738 (23)	244 (9)	382 (14)	374 (14)
Hispanic	429 (21)	1225 (45)	810 (29)	1085 (43)	1275 (58)	1388 (46)	3491 (51)	1509 (47)	1616 (57)	1451 (53)	760 (28)
White	728 (36)	699 (25)	1014 (36)	700 (28)	443 (20)	1058 (35)	1936 (28)	652 (20)	748 (26)	736 (27)	1088 (41)
Asian ^a	405 (20)	277 (10)	452 (16)	583 (23)	249 (11)	282 (9)	528 (8)	261 (8)	162 (6)	100 (4)	331 (12)
Native American	12 (1)	7 (0)	16 (1)	3 (0)	1 (0)	8 (0)	6 (0)	3 (0)	9 (0)	4 (0)	19 (1)
Other	120 (6)	44 (2)	54 (2)	53 (2)	54 (3)	76 (3)	154 (2)	55 (2)	67 (2)	58 (2)	112 (4)
Level of care, AAP											
Level II	—	486 (20)	60 (2)	34 (2)	175 (9)	516 (18)	368 (6)	226 (7)	88 (5)	—	47 (2)
Level III	1480 (100)	1950 (80)	1400 (54)	1069 (58)	1816 (91)	822 (29)	4652 (72)	2760 (87)	1199 (61)	1957 (75)	1384 (51)
Level IV	—	—	1153 (44)	736 (40)	—	—	1058 (16)	—	—	669 (25)	1253 (47)
None	—	—	—	—	—	1514 (53)	405 (6)	183 (6)	672 (34)	—	—
Teaching hospital											
No	1735 (100)	2436 (100)	2115 (75)	2133 (85)	1214 (86)	2293 (75)	5238 (79)	1951 (91)	1496 (53)	1446 (53)	2299 (86)
Yes	—	—	696 (25)	367 (15)	205 (14)	744 (25)	1400 (21)	199 (9)	1350 (47)	1285 (47)	385 (14)
Urban location											
No	262 (13)	164 (6)	—	—	209 (10)	45 (2)	112 (2)	—	355 (12)	—	51 (2)
Yes	1755 (87)	2588 (94)	2811 (100)	2500 (100)	1974 (90)	2992 (98)	6719 (98)	3218 (100)	2491 (88)	2731 (100)	2633 (98)
Hospital ownership											
Government	—	—	696 (25)	487 (20)	555 (25)	708 (24)	835 (12)	—	376 (13)	680 (25)	548 (20)
Not for profit	1735 (100)	2436 (100)	2115 (75)	1076 (43)	976 (45)	2170 (72)	5297 (78)	2744 (87)	1784 (63)	1417 (52)	2136 (80)
For profit	—	—	—	845 (34)	652 (30)	—	699 (10)	226 (7)	686 (24)	634 (23)	—
Other	—	—	—	92 (4)	—	114 (4)	—	199 (6)	—	—	—

All data are presented as n (%). —, indicates zero.

^a Includes Pacific Islanders.