

Table 1. Maternal characteristics among women with planned CS and planned vaginal delivery among women without any formal medical indication for planned CS

	Total N	Planned caesarean section		Planned vaginal delivery		p-value (χ^2)
		n	(%)	n	(%)	
Total births	714326	22855	(3.2)	691471	(96.8)	
Maternal age (years)						<0.001
<20	10833	135	(1.2)	10698	(98.8)	
20-34	561054	14586	(2.6)	546468	(97.4)	
35-39	118146	6296	(5.3)	111850	(94.7)	
40+	24293	1838	(7.6)	22455	(92.4)	
Parity						<0.001
1 para	314097	7468	(2.4)	306629	(97.6)	
2 para	274434	13087	(4.8)	261347	(95.2)	
3+ para	125795	2300	(1.8)	123495	(98.2)	
Maternal BMI (kg/m2)						<0.001
<18.5	17956	566	(3.2)	17390	(96.8)	
18.5-24.9	416885	12955	(3.1)	403930	(96.9)	
25-29.9	163448	5440	(3.3)	158008	(96.7)	
30-34.9	53400	1762	(3.3)	51638	(96.7)	
35+	20030	698	(3.5)	19332	(96.5)	
BMI not known	42607	1434	(3.4)	41173	(96.6)	
Maternal smoking						<0.001
Non-smoking	651108	21059	(3.2)	630049	(96.8)	
Smoking	39883	1104	(2.8)	38779	(97.2)	
Not known	23335	692	(3.0)	22643	(97.0)	
Maternal height						<0.001
<155	22871	1153	(5.0)	21718	(95.0)	
155-164	248027	8228	(3.3)	239799	(96.7)	
165-174	349995	10682	(3.1)	339313	(96.9)	
175+	67337	2030	(3.0)	65307	(97.0)	
Not known	26096	762	(2.9)	25334	(97.1)	
Maternal country of birth						<0.001
Nordic country	607075	19788	(3.3)	587287	(96.7)	
Outside Nordics	107251	3067	(2.9)	104184	(97.1)	
Health care region						<0.001
Stockholm	181614	8216	(4.5)	173398	(95.5)	
Uppsala/Örebro	135407	3774	(2.8)	131633	(97.2)	
Southeast	73365	1870	(2.5)	71495	(97.5)	
South	129564	3041	(2.3)	126523	(97.7)	
West	135190	4127	(3.1)	131063	(96.9)	
North	59186	1827	(3.1)	57359	(96.9)	

Table 2. Risk of miscellaneous maternal post-partum complications among women without any formal medical indication for elective CS. Planned CS vs planned vaginal delivery. Adjusted RRs (ARRs) were computed adjusting for maternal age, parity, smoking, Body Mass Index, country of birth, and county.

		Elective CS N=22 855		Vaginal trial of labor N=691 471		Crude Risk Ratio			Adjusted Risk Ratio		
		N	Per thousand	n	Per thousand	RR	95%CI		ARR	95%CI	
Post-partum Infections											
	Any*	3737	(163.5)	70873	(102.5)	1.6	1.5	1.6	1.6	1.5	1.6
	Endometritis	388	(17.0)	9974	(14.4)	1.2	1.1	1.3	1.2	1.1	1.3
	Wound infection	355	(15.5)	3534	(5.1)	3.0	2.7	3.4	2.7	2.4	3.0
	Urinary tract infection	213	(9.3)	4209	(6.1)	1.5	1.3	1.8	1.5	1.3	1.7
	Mastitis	1052	(46.0)	14853	(21.5)	2.1	2.0	2.3	2.0	1.9	2.2
	Septicaemia	7	(0.3)	149	(0.2)	1.4	0.7	3.0	1.4	0.7	3.0
	Antibiotics 0-14 days	1758	(76.9)	39680	(57.4)	1.3	1.3	1.4	1.3	1.3	1.4
	Antibiotics 0-42 days	2937	(128.5)	62631	(90.6)	1.4	1.4	1.5	1.4	1.4	1.4
Other complications											
	Haemorrhage > 1L	1911	(83.6)	3970	(5.7)	14.6	13.8	15.4	13.4	12.7	14.2
	Pulmonary embolism	19	(0.8)	323	(0.5)	1.8	1.1	2.8	1.7	1.0	2.6
	Venous thrombosis	6	(0.3)	133	(0.2)	1.4	0.6	3.1	1.3	1.3	1.4
	Stroke	4	(0.2)	51	(0.1)	2.4	0.9	6.6	1.4	1.4	1.4

* Endometritis, wound infection, urinary tract infection, mastitis, septicaemia, prescribed and dispensed antibiotics within six weeks

Table 3. Maternal characteristics and mode of delivery among women with planned vaginal delivery among women without any formal medical indication for elective CS.

	Trial of labour, Total	Vaginal-nonInstr	Emergency CS	VE	Forceps
	N	n (%)	n (%)	n (%)	n (%)
Total births	691471	612072 (88.5)	30623 (4.4)	47946 (6.9)	830 (0.1)
Maternal age (years)					
<20	10698	9662 (90.3)	316 (3.0)	706 (6.6)	14 (0.1)
20-34	546468	484838 (88.7)	22379 (4.1)	38569 (7.1)	682 (0.1)
35-39	111850	98621 (88.2)	6000 (5.4)	7122 (6.4)	107 (0.1)
40+	22455	18951 (84.4)	1928 (8.6)	1549 (6.9)	27 (0.1)
Parity					
1 para	306629	245318 (80.0)	22147 (7.2)	38494 (12.6)	670 (0.2)
2 para	261347	246890 (94.5)	6622 (2.5)	7704 (2.9)	131 (0.1)
3+ para	123495	119864 (97.1)	1854 (1.5)	1748 (1.4)	29 (0.0)
Maternal BMI (kg/m2)					
<18.5	17390	15501 (89.1)	474 (2.7)	1388 (8.0)	27 (0.2)
18.5-24.9	403930	359030 (88.9)	15043 (3.7)	29334 (7.3)	523 (0.1)
25-29.9	158008	139097 (88.0)	8307 (5.3)	10452 (6.6)	152 (0.1)
30-34.9	51638	45273 (87.7)	3372 (6.5)	2946 (5.7)	47 (0.1)
35+	19332	16705 (86.4)	1558 (8.1)	1051 (5.4)	18 (0.1)
BMI not known	41173	36466 (88.6)	1869 (4.5)	2775 (6.7)	63 (0.2)
Maternal smoking					
Non-smoking	630049	557088 (88.4)	27919 (4.4)	44291 (7.0)	751 (0.1)
Smoking	38779	34825 (89.8)	1664 (4.3)	2240 (5.8)	50 (0.1)
Not known	22643	20159 (89.0)	1040 (4.6)	1415 (6.2)	29 (0.1)
Maternal height					
<155	21718	17646 (81.3)	2135 (9.8)	1908 (8.8)	29 (0.1)
155-164	239799	207789 (86.7)	13600 (5.7)	18095 (7.5)	315 (0.1)

165-174	339313	304420 (89.7)	12079 (3.6)	22450 (6.6)	364 (0.1)
175+	65307	59699 (91.4)	1649 (2.5)	3873 (5.9)	86 (0.1)
Not known	25334	22518 (88.9)	1160 (4.6)	1620 (6.4)	36 (0.1)
Maternal country of birth					
Nordic country	587287	519932 (88.5)	25627 (4.4)	41017 (7.0)	711 (0.1)
Outside Nordics	104184	92140 (88.4)	4996 (4.8)	6929 (6.7)	119 (0.1)
Health care region					
Stockholm	173398	149718 (86.3)	9222 (5.3)	14292 (8.2)	166 (0.1)
Uppsala/Örebro	131633	115971 (88.1)	6100 (4.6)	9529 (7.2)	33 (0.0)
Southeast	71495	64582 (90.3)	2269 (3.2)	4602 (6.4)	42 (0.1)
South	126523	112732 (89.1)	5082 (4.0)	8325 (6.6)	384 (0.3)
West	131063	118257 (90.2)	5684 (4.3)	7009 (5.3)	113 (0.1)
North	57359	50812 (88.6)	2266 (4.0)	4189 (7.3)	92 (0.2)
