Appendix

This appendix includes tables showing the analysis of births and CSRs trends across different type of birth facility which has been graphed on Figure 1 Panel A and B, the proportion calculations of CSRs in Indonesia by 34 provinces in 2017 which is represented on Figure 1 panel C, births differentials in Indonesia by main regions and socio-economic status in 2017 which has been graphed on Figure 3, and the analysis of CS timing across regions and economic status in 2017 which can be seen visually on Figure 4.

Appendix Table 3. Birth differentials in Indonesia by main regions and socio-economic status in 2017.

Birth Rates	Births (N=15,028)														
	Public Facility (N=5,333)						Private Facility (N=6,011)						Others (N=3,684)		
	/aginal Birth			Caesarean Birth			Vaginal Birth			Caesarean Birth					
	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI
Java & Bali															
Q1 (Poorest)	138	29.5	24.7 - 34.8	14	2.6	1.6 - 4.4	152	30.8	26.5 - 35.6	16	3.0	1.8 - 5.0	146	34.0	28.3 - 40.3
Q2	225	28.4	25.1 - 32.0	42	5.2	3.7 - 7.2	369	45.9	41.9 - 50.0	39	4.8	3.5 - 6.6	116	15.6	12.6 - 19.2
Q3	285	27.5	24.6 - 30.6	70	6.5	5.0 - 8.4	501	48.3	44.8 - 51.8	76	7.2	5.7 - 9.1	107	10.5	8.3 -13.3
Q4	256	21.0	18.6 - 23.6	90	7.1	5.7 - 8.8	629	50.6	47.6 - 53.7	193	15.6	13.5 - 18.0	67	5.7	4.3 - 7.4
Q5 (Richest)	154	12.0	10.1 - 14.3	81	6.2	4.9 - 7.8	672	54.5	51.4 - 57.6	329	25.7	23.0 - 28.5	22	1.6	1.0 - 2.4
Sumatra															
Q1 (Poorest)	208	23.0	19.0 - 27.6	40	3.9	2.7 - 5.6	190	22.7	18.3 - 27.7	34	4.1	2.8 - 5.9	373	46.4	40.7 - 52.1

Q2	195	22.5	19.1 - 26.4	77	6.9	5.5 - 8.6	275	31.3	27.1 - 35.8	70	8.1	6.0 - 10.7	246	31.2	26.6 - 36.2
Q3	149	15.4	13.0 - 18.0	70	6.9	5.3 - 9.0	339	38.7	34.4 - 43.1	111	14.6	12.1 - 17.5	176	24.5	20.4 - 29.1
Q4	98	12.3	9.7 - 15.3	75	7.6	5.8 - 9.8	307	42.2	37.4 - 47.0	126	17.3	14.5 - 20.6	134	20.7	16.8 - 25.1
Q5 (Richest)	69	10.1	7.5 - 13.3	84	11.0	8.3 - 14.4	292	45.1	40.2 - 50.2	159	24.5	21.0 - 28.5	52	9.3	6.8 - 12.5
Kalimantan															
Q1 (Poorest)	74	20.7	14.5 - 28.5	15	4.9	2.5 - 9.4	26	10.4	5.8 - 18.0	4	1.4	0.5 - 3.8	157	62.6	52.8 - 71.5
Q2	105	29.2	22.8 - 36.7	28	8.4	5.5 - 12.7	68	22.1	17.8 - 27.2	7	2.3	1.0 - 4.9	104	38.0	30.7 - 45.8
Q3	81	24.9	19.2 - 31.7	36	10.3	7.0 - 14.8	121	34.1	27.8 - 41.1	14	3.2	1.7 - 5.8	87	27.5	21.8 - 34.1
Q4	60	23.2	17.3 - 30.3	28	12.5	8.5 - 17.9	102	38.5	31.4 - 46.2	15	6.4	3.6 - 11.0	42	19.5	13.9 - 26.5
Q5 (Richest)	38	16.2	11.0 - 23.3	33	14.0	9.2 - 20.7	96	41.8	33.7 - 50.4	28	12.4	8.3 - 18.3	23	15.5	9.8 - 23.7
Sulawesi															
Q1 (Poorest)	314	38.6	33.5 - 44.0	41	5.6	3.9 - 8.1	40	6.6	4.5 - 9.6	9	1.4	0.6 - 3.0	427	47.8	42.5 - 53.2
Q2	233	45.1	39.8 - 50.5	43	9.0	6.3 - 12.8	63	13.7	9.7 - 19.1	15	3.6	2.0 - 6.4	155	28.5	23.9 - 33.6
Q3	149	45.5	39.2 - 52.0	39	9.7	6.5 - 14.1	65	21.6	16.4 - 28.1	18	4.7	2.8 - 7.8	72	18.5	14.0 - 23.9
Q4	104	38.5	30.8 - 46.9	37	13.2	8.5 - 20.2	55	24.7	17.8 - 33.2	23	8.4	5.5 - 12.7	47	15.1	11.1 - 20.3
Q5 (Richest)	81	25.9	20.2 - 32.4	42	15.2	10.9 - 20.7	84	33.8	27.3 - 40.9	45	15.1	10.7 - 20.8	35	10.1	6.6 - 15.3
Nusa Tenggara															

Q1 (Poorest)	451	59.2	53.2 - 65.0	44	5.6	3.9 - 7.8	27	3.7	2.3 - 6.0	2	0.2	0.03 - 1.7	237	31.3	25.6 - 37.5
Q2	158	65.8	56.6 - 73.9	21	8.5	5.3 - 13.3	24	10.9	6.1 - 18.7	10	3.3	1.7 - 6.4	27	11.5	6.5 - 19.6
Q3	71	62.9	53.8 - 71.2	12	9.9	5.8 - 16.4	20	15.0	9.9 - 22.1	4	2.8	0.9 - 8.2	9	9.5	4.2 - 19.9
Q4	43	54.9	41.3 - 67.8	10	12.3	5.1 - 27.1	19	23.9	14.4 - 36.9	0	0.0	0.00 - 0.00	5	8.9	3.7 - 19.9
Q5 (Richest)	23	32.2	19.4 - 48.8	14	23.6	11.9 - 41.3	22	33.0	19.4 - 50.3	7	9.5	4.4 - 19.0	1	1.7	0.2 - 10.9
Maluku & Papua															
Q1 (Poorest)	128	17.9	13.8 - 23.0	34	5.5	3.3 - 9.0	10	1.6	0.4 - 5.7	3	0.3	0.1 - 0.8	589	74.7	68.6 - 79.9
Q2	94	44.1	36.7 - 51.6	25	8.2	4.3 - 14.9	18	6.8	3.5 - 13.0	3	1.8	0.4 - 7.3	122	39.2	30.9 - 48.0
Q3	72	41.9	30.8 - 53.9	20	14.7	7.5 - 26.7	15	11.4	6.9 - 18.3	5	3.2	0.9 - 10.6	54	28.7	21.1 - 37.7
Q4	59	47.9	38.3 - 57.6	15	10.6	5.3 - 20.1	20	13.6	7.9 - 22.5	7	5.0	1.7 - 13.9	41	22.9	16.1 - 31.5
Q5 (Richest)	22	45.7	27.5 - 65.2	16	15.2	7.1 - 29.6	10	22.7	8.4 - 48.5	8	5.8	2.6 - 12.5	11	10.6	4.3 - 23.9

*This table examined variations of births in 2017 (vaginal births at private/public, CS births at private/public) across different main regions and wealth quintiles in Indonesia. This table has been graphed on Figure 3. This table shows that higher births (both vaginal births and CS births) occurring at private facilities in Western Indonesia, but this trend reversed in Eastern Indonesia where higher births (vaginal births and CS births) are observed at public facilities. Higher proportions of CS are also observed at Western Indonesia as compared to Eastern Indonesia, where vaginal births are higher. It also reveals how births, both vaginal births and CS births, at private facilities are increasing as economic status increases.