

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 2. Proportions of CS in Indonesia by 34 provinces in 2017.

Provinces	Caesarean section rates (%)	95% CI	Before labour onset (%)	95% CI	After labour onset (%)	95% CI
JAVA & BALI	18.8	17.4 - 20.2	35.9	32.6 - 39.2	64.2	60.8 - 67.4
Jakarta Raya	31.3	26.3 - 36.8	37.1	29.5 - 45.5	62.9	54.6 - 70.5
Banten	17.1	13.2 - 21.9	26.1	18.6 - 35.4	73.9	64.6 - 81.4
West Java	13.3	11.2 - 15.8	39.6	32.9 - 46.8	60.4	53.2 - 67.2
Central Java	16.0	13.5 - 19.0	32.6	25.7 - 40.4	67.4	59.6 - 74.4
East Java	24.5	21.2 - 28.2	33.7	27.1 - 41.0	66.3	59.0 - 72.9
Yogyakarta	24.1	18.6 - 30.5	39.0	23.2 - 57.6	61.0	42.4 - 76.8
Bali	33.4	27.3 - 40.1	50.1	39.8 - 60.4	49.9	39.6 - 60.2
SUMATRA	19.4	17.9 - 21.1	45.7	41.6 - 49.8	54.3	50.2 - 58.4
Aceh	22.3	18.8 - 26.2	44.0	36.5 - 51.8	56.0	48.2 - 63.5
Bangka-Belitung	16.3	13.2 - 19.9	33.4	17.1 - 54.9	66.6	45.1 - 82.9
Jambi	20.3	15.5 - 26.3	41.3	28.1 - 56.0	58.7	44.0 - 71.9

Riau	17.9	14.3 - 22.1	43.1	30.5 - 56.6	57.0	43.4 - 69.5
Riau Islands	25.6	20.9 - 30.9	52.9	40.4 - 65.0	47.1	35.0 - 59.6
Bengkulu	19.6	14.6 - 25.9	42.4	28.8 - 57.3	57.6	42.7 - 71.2
Lampung	16.4	12.2 - 21.6	38.0	27.7 - 49.6	62.0	50.4 - 72.4
West Sumatra	24.0	18.4 - 30.8	49.1	34.3 - 64.1	50.9	35.9 - 65.7
South Sumatra	10.9	7.7 - 15.1	50.8	30.6 - 70.6	49.3	29.4 - 69.4
North Sumatra	23.9	19.8 - 28.5	49.0	41.2 - 56.8	51.0	43.2 - 58.8
NUSA TENGGARA	9.9	7.9 - 12.4	33.5	24.1 - 44.4	66.5	55.6 - 75.9
West Nusa Tenggara	12.5	9.0 - 17.1	32.2	19.3 - 48.4	67.8	51.6 - 80.7
East Nusa Tenggara	7.4	5.5 - 9.8	35.8	24.4 - 49.1	64.2	50.9 - 75.6
KALIMANTAN	13.6	11.3 - 16.2	36.1	29.5 - 43.4	63.9	56.6 - 70.6
West Kalimantan	9.4	5.5 - 15.5	18.4	7.0 - 40.4	81.6	59.6 - 93.0
South Kalimantan	16.9	12.0 - 23.3	31.4	20.2 - 45.3	68.6	54.7 - 79.8
Central Kalimantan	11.6	7.0 - 18.8	61.7	44.4 - 76.5	38.3	23.5 - 55.6
East Kalimantan	16.6	13.2 - 20.7	43.3	30.1 - 57.5	56.7	42.5 - 69.9
North Kalimantan	17.5	10.6 - 27.6	41.5	25.6 - 59.4	58.5	40.6 - 74.4
SULAWESI	14.1	12.2 - 16.3	48.2	40.1 - 56.3	51.8	43.7 - 59.9

West Sulawesi	12.6	9.9 - 15.8	28.0	18.9 - 39.3	72.0	60.7 - 81.1
South Sulawesi	14.2	10.7 - 18.5	46.4	32.4 - 61.0	53.6	39.0 - 67.6
Central Sulawesi	15.0	10.0 - 21.8	52.8	33.4 - 71.5	47.2	28.5 - 66.6
Southeast Sulawesi	9.3	7.0 - 12.2	44.2	29.1 - 60.4	55.8	39.6 - 70.9
North Sulawesi	19.4	14.2 - 26.0	49.9	27.9 - 72.0	50.1	28.0 - 72.1
Gorontalo	16.3	12.4 - 21.1	67.3	47.8 - 82.2	32.7	17.8 - 52.2
MALUKU & PAPUA	9.4	7.3 - 12.1	55.7	39.7 - 70.5	44.3	29.5 - 60.3
West Papua	10.4	6.1 - 17.4	21.7	9.3 - 42.9	78.3	57.1 - 90.7
North Maluku	6.7	4.3 - 10.3	54.0	35.8 - 71.2	46.0	28.8 - 64.2
Maluku	10.2	7.2 - 14.3	57.8	44.6 - 70.0	42.2	30.0 - 55.4
Papua	9.8	6.1 - 15.3	62.4	29.7 - 86.7	37.6	13.3 - 70.3

***Blue:** CSRs above 25%

***Red:** CSRs below 10%

*This table shows variations of CSRs in 2017 across provinces in Indonesia. This table is presented through map and can be seen on Figure 1, Panel C. This table shows that the highest CSRs (> 25%) are observed in the Western area, including Bali (33.4%, 95%CI: 27.3-40.1), Jakarta (31.3%, 95%CI: 26.3-36.8), and Riau Islands (25.6%, 95%CI: 20.9-30.9). While the areas with lowest CSRs (<10%) are observed only in Eastern Indonesia: North Maluku (6.7%, 95%CI: 4.3-10.3), East Nusa Tenggara (7.4%, 95%CI: 5.59.8), Southeast Sulawesi (9.3%, 95%CI: 7.0-12.2), and Papua (9.8%, 95%CI: 6.1-15.3), except West Kalimantan (9.4%, 95%CI: 5.5-15.5).