

Appendix 1: Indicators 2 through 6 for each region and state in Brazil, in the year 2014, with additional sub-indicators for physicians working in the public sector and cesarean section perioperative mortality rate.

Region/State	Indicator 2	% Working in Public Sector	Indicator 3	Indicator 4		Indicator 5	Indicator 6
	SAO/100,000		Vol/100-000	POMR	CS POMR	mean (95% CI)	mean (95% CI)
North Region	18.42	83.87%	3518.58	1.12	0.04	73.85 (73.85-73.85)	82.24 (82.23-82.24)
Rondônia	22.30	76.67%	2230.79	1.16	0.09	77.43 (77.43-77.43)	86.77 (86.76-86.77)
Acre	13.42	93.40%	4160.73	1.00	0.02	73.29 (73.29-73.29)	81.37 (81.36-81.37)
Amazonas	24.58	88.66%	2605.75	1.03	0.01	77.57 (77.57-77.57)	84.1 (84.09-84.1)
Roraima	24.95	92.74%	3258.97	0.86	---	76.23 (76.23-76.23)	86.33 (86.32-86.33)
Pará	14.30	79.64%	4364.17	1.11	0.04	70.14 (70.14-70.14)	78.96 (78.96-78.96)
Amapá	21.04	96.20%	1649.59	1.37	0.07	75.09 (75.09-75.09)	82.39 (82.39-82.39)
Tocantins	19.44	80.76%	3491.53	1.27	0.01	73.94 (73.94-73.94)	82.1 (82.09-82.1)
Northeast Region	23.59	78.16%	4190.93	1.38	0.04	68.7 (68.7-68.7)	78.49 (78.49-78.49)
Maranhão	11.44	76.79%	3600.83	1.45	0.03	65.38 (65.38-65.38)	77.88 (77.88-77.89)
Piauí	18.62	87.23%	3489.07	1.43	0.05	62.78 (62.78-62.78)	73.89 (73.89-73.9)
Ceará	21.32	70.61%	3524.50	1.49	0.03	67.66 (67.66-67.66)	77.1 (77.1-77.1)
Rio Grande do Norte	28.43	81.94%	3567.98	1.30	0.04	69.79 (69.79-69.79)	77.13 (77.12-77.13)
Paraíba	29.39	79.64%	3431.16	1.39	0.01	67.04 (67.04-67.04)	76.41 (76.4-76.41)

Pernambuco	32·21	79·52%	4919·97	1·46	0·03	69·68 (69·68-69·68)	78·88 (78·87-78·88)
Alagoas	22·16	89·81%	5744·96	1·22	0·05	65·71 (65·71-65·71)	79·13 (79·13-79·14)
Sergipe	27·44	78·33%	2109·77	1·05	0·03	73·37 (73·37-73·37)	82·2 (82·2-82·2)
Bahia	23·34	75·84%	4851·43	1·30	0·05	70·79 (70·79-70·79)	80·18 (80·17-80·18)
Southeast Region	45·81	62·26%	4742·72	1·87	0·03	82·64 (82·64-82·64)	86·59 (86·59-86·59)
Minas Gerais	32·73	63·68%	8170·70	1·79	0·03	78·46 (78·46-78·46)	83·87 (83·87-83·88)
Espírito Santo	43·53	60·50%	3522·45	1·43	0·02	82·52 (82·52-82·52)	87·49 (87·49-87·49)
Rio de Janeiro	58·14	69·57%	2422·88	2·27	0·07	82·76 (82·76-82·76)	86·92 (86·92-86·92)
São Paulo	47·57	58·60%	4103·50	1·85	0·03	84·06 (84·06-84·06)	87·08 (87·07-87·08)
South Region	30·76	60·69%	4163·59	2·13	0·03	81·39 (81·39-81·39)	84·77 (84·77-84·78)
Paraná	27·66	57·16%	4021·88	2·46	0·04	80·32 (80·32-80·32)	83·92 (83·92-83·93)
Santa Catarina	27·32	50·87%	3953·98	1·80	0·03	83·34 (83·34-83·34)	86·76 (86·75-86·76)
Rio Grande do Sul	35·89	67·88%	4429·54	2·02	0·01	81·24 (81·24-81·24)	84·43 (84·43-84·44)
Central West Region	40·03	64·30%	5151·20	1·55	0·03	82·27 (82·27-82·27)	87·15 (87·15-87·15)
Mato Grosso do Sul	22·67	70·37%	3117·32	1·83	0·01	78·56 (78·56-78·56)	84·43 (84·43-84·44)
Mato Grosso	24·78	63·95%	3141·12	1·43	0·07	81·86 (81·86-81·86)	88·54 (88·53-88·54)
Goiás	33·33	74·56%	7128·55	1·51	0·02	77·17 (77·17-77·17)	83·1 (83·09-83·1)

Distrito Federal	88·56	54·16%	4769·29	1·44	0·05	88·65 (88·65-88·65)	91·35 (91·35-91·36)
Brazil	34·74	66·20%	4433·44	1·71	0·03	79·39 (79·39-79·39)	84·58 (84·58-84·59)
p Value*	---	---	---	---	---	<0·0001	<0·0001

SAO: Surgeons, Anesthesiologists, and Obstetricians; Vol: Surgical Volume; POMR: Perioperative Mortality Rate; CS: Cesarean Section; CI: Confidence Interval; *One Way ANOVA performed between regions