



## **Appendix 1**

**This appendix was part of the submitted manuscript and has been peer reviewed. It is posted as supplied by the authors.**

Appendix to: Thrift AP, Callaway LK. The effect of obesity on pregnancy outcomes among Australian Indigenous and non-Indigenous women. *Med J Aust* 2014; 201: 592-595. doi: 10.5694/mja13.11170.

**Appendix 1:** Comparison of maternal and delivery characteristics, according to Indigenous status and body mass index category

	Indigenous (n=13582)					P	Non-Indigenous (n=241270)					P
	Underweight (n=857)	Normal (n=4966)	Overweight (n=3776)	Obese (n=3353)	Severely obese (n=630)		Underweight (n=10864)	Normal (n=112385)	Overweight (n=66729)	Obese (n=43837)	Severely obese (n=7455)	
<b>Maternal characteristics and outcomes</b>												
Maternal age (years)												
<20	30.8%	26.3%	17.6%	10.8%	3.5%	<0.001	8.9%	4.8%	4.3%	3.7%	2.0%	<0.001
20-24	39.3%	33.5%	30.1%	28.7%	25.6%		21.0%	15.3%	16.2%	18.7%	17.6%	
25-29	19.2%	21.6%	25.1%	28.2%	29.8%		29.6%	28.4%	28.9%	29.7%	29.0%	
30-34	6.8%	12.1%	17.1%	18.8%	23.0%		26.6%	31.3%	29.7%	27.5%	28.6%	
35-39	3.3%	5.6%	8.3%	10.9%	14.4%		11.9%	17.0%	17.2%	16.9%	18.4%	
≥40	0.6%	0.9%	1.8%	2.6%	3.7%		1.9%	3.2%	3.7%	3.5%	4.4%	
Nulliparity	41.1%	37.9%	28.9%	23.3%	22.4%	<0.001	49.4%	45.3%	39.2%	34.2%	30.3%	<0.001
Remoteness of residence (ARIA+)												
Major city	18.8%	20.1%	19.2%	18.7%	20.2%	0.005	56.7%	56.9%	53.2%	50.6%	49.6%	<0.001
Inner regional	16.6%	18.9%	19.2%	18.6%	19.8%		25.4%	24.7%	26.3%	28.1%	29.5%	
Outer regional	36.7%	38.8%	37.8%	38.0%	39.4%		16.5%	16.5%	18.2%	18.6%	17.6%	
Remote	7.6%	7.1%	7.4%	6.4%	5.1%		1.0%	1.3%	1.7%	1.9%	2.3%	
Very remote	20.3%	15.1%	16.4%	18.3%	15.6%		0.4%	0.6%	0.7%	0.8%	1.0%	
Smoker	61.3%	53.8%	51.1%	48.9%	40.2%	<0.001	19.9%	13.5%	16.1%	19.6%	20.2%	<0.001
Pre-existing hypertension	0.2%	0.2%	0.7%	1.5%	3.2%	<0.001	0.1%	0.2%	0.5%	1.2%	3.6%	<0.001
Pre-existing diabetes	0.2%	0.4%	1.6%	1.9%	3.7%	<0.001	0.2%	0.3%	0.5%	1.0%	1.6%	<0.001
Gestational diabetes	3.0%	3.0%	6.8%	11.6%	19.8%	<0.001	3.1%	3.4%	5.6%	9.2%	15.3%	<0.001
Hypertensive disorders of pregnancy	2.2%	4.0%	5.3%	6.9%	7.5%	<0.001	2.3%	3.0%	5.1%	8.4%	12.9%	<0.001
<b>Delivery characteristics</b>												
Caesarean section	18.7%	21.2%	25.8%	29.7%	42.5%	<0.001	24.6%	29.7%	34.3%	38.6%	46.0%	<0.001
Gestational age at delivery (weeks)												
<28	1.9%	1.1%	1.2%	0.9%	1.1%	<0.001	0.6%	0.5%	0.5%	0.6%	0.8%	<0.001
28-31	2.4%	1.0%	1.0%	0.9%	1.4%		0.8%	0.5%	0.4%	0.4%	0.5%	
32-36	12.3%	8.8%	7.0%	6.0%	6.0%		7.2%	5.1%	5.0%	5.1%	5.3%	
37-41	83.2%	88.8%	90.2%	91.3%	90.5%		90.9%	93.3%	93.4%	93.2%	92.6%	
≥42	0.2%	0.3%	0.6%	0.9%	1.0%		0.4%	0.6%	0.7%	0.7%	0.8%	
Birth weight												
<2500	18.9%	11.7%	8.0%	5.8%	5.6%	<0.001	9.1%	4.8%	3.9%	3.7%	4.1%	<0.001
2500-2999	32.2%	24.7%	18.8%	14.0%	9.4%		22.6%	15.1%	11.5%	10.2%	8.8%	
3000-3499	31.4%	36.2%	35.8%	36.4%	30.0%		39.5%	38.1%	35.0%	31.5%	27.7%	
3500-3999	14.2%	21.9%	27.6%	29.7%	34.0%		23.8%	31.8%	34.6%	35.6%	35.7%	
4000-4499	3.0%	4.7%	8.4%	11.4%	15.7%		4.5%	9.1%	12.7%	15.6%	18.9%	
≥4500	0.2%	0.8%	1.4%	2.7%	5.4%		0.5%	1.3%	2.2%	3.4%	4.8%	
1 minute Apgar score												
0-3	3.3%	2.5%	2.9%	2.9%	3.8%	0.03	1.9%	1.9%	2.1%	2.6%	3.6%	<0.001
4-6	7.8%	6.6%	6.5%	7.3%	9.7%		5.3%	5.7%	6.3%	6.7%	8.1%	
7-10	88.9%	90.9%	90.6%	89.8%	86.5%		92.8%	92.4%	91.6%	90.7%	88.2%	
5 minute Apgar score												
0-3	1.9%	1.1%	1.5%	1.3%	2.1%	0.02	0.7%	0.7%	0.7%	0.9%	1.1%	<0.001
4-6	1.9%	1.1%	0.8%	1.3%	1.9%		0.8%	0.9%	0.8%	1.0%	1.4%	
7-10	96.2%	97.8%	97.7%	97.4%	96.0%		98.5%	98.4%	98.4%	98.1%	97.5%	

ARIA+, Accessibility/Remoteness Index of Australia. Underweight, BMI<18.0; Normal, BMI 18.0-24.9; Overweight, BMI 25.0-29.9, Obese, BMI 30.0-39.9; Severely obese, BMI ≥40.0.