

Table 1. Numbers (row percentages) and univariate odds ratios for non-immunisation of 6-week infants by selected variables

Variable	Category	Immunisation status				Univariate odds ratio	
		Yes	(%)	No	(%)	(95% CI)	
Infant age	<6 weeks	18	(17.1)	87	(82.9)	40.80	(22.44–74.19)
	6-8 weeks	627	(72.5)	238	(27.5)	3.20	(2.26–4.55)
	> 8 weeks	363	(89.4)	43	(10.6)	1.00	
Maternal age (yrs)	<20	70	(63.1)	41	(38.7)	1.00	
	20-29	531	(73.8)	189	(26.3)	0.61	(0.40–0.93)*
	30-39	376	(75.2)	124	(24.8)	0.56	(0.36–0.87)*
	40+	31	(70.5)	13	(29.5)	0.72	(0.34–1.52)
Ethnicity	Samoan	518	(79.7)	132	(19.7)	1.00	
	Cook Island Maori	155	(66.8)	77	(33.2)	1.95	(1.40–2.72) ‡
	Niuean	40	(67.8)	19	(32.2)	1.86	(1.05–3.32) *
	Tongan	203	(70.2)	86	(29.8)	1.66	(1.21–2.28) †
	Other Pacific ¹	22	(46.8)	25	(53.2)	4.46	(2.44–8.16) ‡
	Non Pacific	70	(70.7)	29	(29.3)	1.63	(1.01–2.61) *
Social marital status	Partnered	818	(73.9)	289	(26.1)	1.00	
	Non partnered	190	(70.6)	79	(29.4)	1.18	(0.88–1.58)
Education	No formal qualifications	413	(77.2)	122	(22.8)	0.58	(0.43–0.78) ‡
	Secondary school qualification	345	(74.4)	119	(25.6)	0.68	(0.50–0.92) *
	Post-school qualification	250	(66.3)	127	(33.7)	1.00	
Born in NZ	Yes	327	(72.0)	127	(28.4)	1.00	
	No	681	(73.9)	241	(26.1)	0.91	(0.71–1.17)
Years lived in NZ	0-5	213	(78.0)	60	(22.0)	1.00	
	6-10	105	(71.4)	42	(28.6)	1.42	(0.90–2.25)
	>10	688	(72.2)	265	(27.8)	1.37	(0.99–1.88)

English fluency	Yes	604	(71.0)	247	(29.0)	1.00	
	No	404	(77.0)	121	(23.0)	0.73	(0.57–0.94) *
Cultural alignment ²	High NZ, Low Pacific Is	307	(70.4)	129	(29.6)	1.00	
	Low NZ, High Pacific Is	358	(80.1)	89	(19.9)	0.59	(0.43–0.81) ‡
	High NZ, High Pacific Is	166	(71.2)	67	(28.8)	0.96	(0.68–1.36)
	Low NZ, Low Pacific Is	169	(67.9)	80	(32.1)	1.13	(0.81–1.58)
Parity	1	274	(73.3)	100	(26.7)	1.00	
	2-4	571	(74.3)	197	(25.7)	0.95	(0.71–1.25)
	5+	148	(68.8)	67	(31.2)	1.24	(0.86, 1.79)
Transport difficulty	No	905	(74.8)	305	(25.2)	1.00	
	Yes	103	(62.0)	63	(38.0)	1.82	(1.29–2.55) †
Household income (NZ dollars)	<\$20,000	322	(70.5)	135	(29.5)	1.00	
	\$20,001-\$40,000	526	(74.1)	184	(25.9)	0.83	(0.64–1.08)
	>\$40,001	126	(78.3)	35	(21.7)	0.66	(0.43–1.01)
	Unknown	34	(70.8)	14	(29.2)	0.98	(0.51–1.89)
Attended antenatal classes	Yes	87	(77.0)	26	(23.0)	1.00	
	No	916	(73.0)	338	(27.0)	1.24	(0.78, 1.95)

*P<0.05; † P<0.01; ‡ P<0.001

¹Includes mothers identifying equally with two or more Pacific Island groups, equally with Pacific Island and non Pacific Island groups, or with Pacific Island groups other than Tongan, Samoan, Cook Island Maori or Niuean

²Cultural alignment is measured by the General Ethnicity Questionnaire²² and assesses high and/or low alignment with Pacific and/or mainstream New Zealand way of life and customs.