

Appendix 2. Characteristics associated with vaccine prescribed or immunisation consultation provided

Factor group	Covariate	Class	Immunisation		P value
			No n (%)	Yes n (%)	
Patient factors	Patient age group	≤70	44,106 (36)	2,677 (39)	<0.001
		71–75	28,528 (23)	1,768 (26)	
		76–80	21,933 (18)	1,206 (17)	
		81–85	16,326 (13)	725 (11)	
		≥86	12,394 (10)	525 (8)	
	Patient gender	Male	50,418 (42)	2,965 (44)	<0.001
		Female	70,873 (58)	3,837 (56)	
	Aboriginal and Torres Strait Islander peoples	No	111,480 (98)	6,358 (99)	<0.001
		Yes	2,794 (2)	81 (1)	
	Non-English speaking background	No	105,521 (92)	5,859 (90)	0.979
		Yes	9,474 (8)	635 (10)	
	Patient/practice status	Existing patient	63,697 (53)	2,115 (31)	<0.001
		New to registrar	52,315 (44)	4,346 (65)	
		New to practice	4,140 (3)	264 (4)	
	Registrar factors	Registrar gender	Male	49,696 (40)	2,679 (39)
Female			73,591 (60)	4,222 (61)	
Registrar full-time or part-time		Part-time	26,223 (22)	1,700 (25)	0.040
		Full-time	92,131 (78)	4,990 (75)	
Registrar term		Term 1	47,048 (38)	3,750 (54)	<0.001
		Term 2	44,988 (36)	903 (13)	
		Term 3	31,251 (25)	2,248 (33)	
Qualified as doctor in Australia		No	27,132 (22)	1,281 (19)	<0.001
		Yes	95,646 (78)	5,602 (81)	
Has previous health qualification		No	105,941 (87)	5,856 (85)	0.236
		Yes	16,264 (13)	1,007 (15)	
Registrar age		Mean; SD	33.20; 6.57	33.09; 6.48	0.287
		Median; Q1, Q3	31.0; 28.0, 36.0	31.0; 28.0, 36.0	
Year of graduation		Mean; SD	2009.25; 5.75	2009.28; 5.50	0.773
		Median; Q1, Q3	2011; 2007, 2013	2011; 2007, 2013	

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			No n (%)	Yes n (%)	
Practice factors	Practice size	Small	50,096 (42)	2,923 (44)	0.094
		Large	68,263 (58)	3,742 (56)	
	Practice routinely bulk bills	No	97,359 (80)	5,377 (78)	0.589
		Yes	25,031 (20)	1,494 (22)	
	Rurality	Major city	62,953 (51)	3,958 (57)	0.019
		Inner regional	40,097 (33)	1,856 (27)	
		Outer regional remote	20,233 (16)	1,087 (16)	
	Worked at practice previously	No	88,613 (73)	5,828 (85)	<0.001
		Yes	32,831 (27)	995 (15)	
	RTO subregion	RTO Sub-region 1	33,150 (27)	1,199 (17)	<0.001
		RTO Sub-region 2	7,624 (6)	522 (8)	
		RTO Sub-region 3	13,036 (11)	1,042 (15)	
		RTO Sub-region 4	36,451 (30)	2,722 (39)	
		RTO Sub-region 5	1,857 (2)	77 (1)	
		RTO Sub-region 6	14,899 (12)	871 (13)	
		RTO Sub-region 7	16,270 (13)	468 (7)	
	SEIFA index*	Mean; SD	4.94; 2.68	5.32; 2.84	0.009
Median; Q1, Q3		5.0; 3.0, 7.0	5.0; 3.0, 8.0		
Consultation factors	Sought help any source	None	102,467 (83)	6505 (94)	<0.001
		Supervisor	9,778 (8)	88 (1)	
		Other sources	11,042 (9)	308 (4)	
	Learning goals generated	No	94,409 (83)	6,235 (96)	<0.001
		Yes	19,971 (17)	260 (4)	
	Consultation duration	Mean; SD	20.26; 10.72	15.00; 9.69	<0.001
		Median; Q1, Q3	18.0; 13.0, 25.0	13.0; 8.0, 19.5	
	Number of problems	Mean; SD	2.22; 1.02	2.11; 0.98	<0.001
		Median; Q1, Q3	2.0; 1.0, 3.0	2.0; 1.0, 3.0	

*Per decile

Q, quartile; RTO, Regional Training Organisation; SD, standard deviation; SEIFA, Socio-Economic Indexes for Areas