

## Analysis of Child Prescription Item Use Data Collected by the 1996/97 New Zealand Health Survey

**Table 1: Number of prescription items per year by sociodemographic variables for children: percent (standard errors)**

	ZERO ITEMS			1-4 ITEMS			5-9 ITEMS			10+ ITEMS		
	Unadj	Adj*	Pop Est	Unadj	Adj*	Pop Est	Unadj	Adj*	Pop Est	Unadj	Adj*	Pop Est
<b>Total</b>	31.1 (2.0)	\	260589	50.8 (2.3)	\	425615	9.9 (1.2)	\	83119	8.2 (1.0)	\	69114
<b>Sex:</b>												
Male	32.6 (2.7)	32.6 (2.7)	139822	49.0 (3.0)	49.0 (3.0)	210153	9.8 (1.5)	9.8 (1.5)	41888	8.6 (1.4)	8.6 (1.4)	36905
Female	29.5 (2.8)		120768	52.6 (3.2)		215461	10.1 (1.8)		41231	7.9 (1.5)		32209
<b>Age:</b>												
0-4 yrs	21.0 (2.8)	21.0 (2.8)	58328	51.4 (3.1)	51.4 (3.1)	142542	14.2 (2.3)	14.2 (2.3)	39228	13.4 (2.1)	13.4 (2.1)	37080
5-9 yrs	28.3 (3.3)	28.3 (3.3)	84023	57.0 (3.8)	57.0 (3.8)	169611	8.6 (1.7)	8.6 (1.7)	25431	6.2 (1.3)	6.2 (1.3)	18289
10-14 yrs	44.8 (4.0)	44.8 (4.0)	118238	43.0 (4.0)	43.0 (4.0)	113461	7.0 (1.9)	7.0 (1.9)	18460	5.2 (1.6)	5.2 (1.6)	13744
<b>Ethnicity</b>												
European/Pākehā	30.8 (2.4)	30.4 (2.4)	165430	51.0 (2.8)	50.9 (2.7)	274072	10.1 (1.4)	10.2 (1.4)	54139	8.2 (1.3)	8.4 (1.3)	43916
Māori	32.1 (4.1)	33.5 (4.2)	59394	45.7 (4.6)	44.3 (4.8)	84492	12.2 (3.0)	11.6 (2.8)	22505	10.1 (2.5)	10.6 (2.8)	18596
Pacific	20.0 (5.1)	21.5 (5.4)	12809	66.2 (6.0)	65.5 (6.0)	42356	5.1 (3.2)	4.2 (2.6)	3245	8.7 (3.0)	8.8 (2.9)	5548
Other	44.2 (8.5)	41.1 (8.1)	22956	47.5 (8.3)	49.2 (8.0)	24695	6.2 (3.1)	7.6 (3.8)	3229	2.0 (1.3)	2.2 (1.5)	1054

\*Adjusted rates are adjusted for age and sex, except when they are age specific in which case they are adjusted only for sex, or when they are sex specific in which case they are adjusted only for age.

**Table 2: Number of prescription items per year by sociodemographic variables for boys: percent (standard errors)**

BOYS	ZERO ITEMS			1-4 ITEMS			5-9 ITEMS			10+ ITEMS		
	Unadj	Adj	Pop est	Unadj	Adj	Pop est	Unadj	Adj	Pop est	Unadj	Adj	Pop est
<b>Total</b>	32.6 (2.7)	32.6 (2.7)	139822	49.0 (3.0)	49.0 (3.0)	210153	9.8 (1.5)	9.8 (1.5)	41888	8.6 (1.4)	8.6 (1.4)	36905
<b>Age:</b>												
0-4 yrs	23.1 (4.0)	/	32938	51.0 (4.4)	/	72688	12.8 (2.8)	/	18302	13.1 (2.8)	/	18671
5-9 yrs	30.2 (4.7)	/	46168	53.2 (5.2)	/	81195	9.6 (2.5)	/	14711	7.0 (2.0)	/	10671
10-14 yrs	45.5 (5.5)	/	60716	42.2 (5.4)	/	56270	6.7 (2.4)	/	8875	5.7 (2.2)	/	7563
<b>Ethnicity</b>												
European/Pākehā	34.3 (3.5)	33.6 (3.4)	92197	45.6 (3.6)	45.9 (3.6)	122661	10.7 (1.9)	10.9 (1.9)	28722	9.4 (1.9)	9.6 (1.9)	25288
Māori	31.8 (5.1)	32.3 (5.2)	34363	53.2 (5.8)	52.5 (5.9)	57496	7.6 (2.7)	8.0 (2.9)	8229	7.4 (2.4)	7.2 (2.4)	8041
Pacific	21.5 (6.8)	24.3 (7.6)	6719	60.7 (9.5)	59.2 (9.4)	18932	8.0 (6.3)	6.1 (4.8)	2503	9.8 (4.6)	10.4 (4.6)	3058
Other	31.8 (9.6)	31.6 (9.8)	6542	53.8 (10.0)	54.3 (10.4)	11065	11.8 (6.9)	11.7 (6.8)	2434	2.5 (2.5)	2.5 (2.5)	517

\*Adjusted rates are adjusted for age, except where they are age specific.

**Table 3: Number of prescription items per year by sociodemographic variables for girls: percent (standard errors)**

GIRLS	ZERO ITEMS			1-4 ITEMS			5-9 ITEMS			10+ ITEMS		
	Unadj	Adj	Pop est	Unadj	Adj	Pop est	Unadj	Adj	Pop est	Unadj	Adj	Pop est
<b>Total</b>	29.5 (2.8)	29.5 (2.8)	120768	52.6 (3.2)	52.6 (3.2)	215461	10.1 (1.8)	10.1 (1.8)	41231	7.9 (1.5)	7.9 (1.5)	32209
<b>Age:</b>												
0-4 yrs	18.9 (3.5)	/	25390	51.9 (4.7)	/	69854	15.5 (3.7)	/	20926	13.7 (3.2)	/	18409
5-9 yrs	26.2 (4.6)	/	37855	61.1 (5.4)	/	88416	7.4 (2.3)	/	10721	5.3 (1.9)	/	7619
10-14 yrs	44.1 (5.4)	/	57522	43.8 (5.6)	/	57191	7.3 (2.9)	/	9585	4.7 (2.3)	/	6182
<b>Ethnicity</b>												
European/Pākehā	27.3 (3.4)	27.1 (3.4)	73232	56.4 (4.0)	56.1 (4.0)	151411	9.5 (2.1)	9.5 (2.1)	25418	6.9 (1.7)	7.2 (1.7)	18628
Māori	32.6 (5.8)	34.7 (6.1)	25031	35.1 (6.2)	35.6 (6.8)	26996	18.6 (5.7)	15.6 (4.8)	14276	13.7 (4.7)	14.1 (5.0)	10555
Pacific	18.6 (7.0)	18.7 (7.2)	6090	71.5 (7.4)	71.8 (7.5)	23424	2.3 (1.7)	2.4 (1.8)	742	7.6 (4.1)	7.2 (3.9)	2489
Other	52.3 (11.6)	51.1 (11.4)	16414	43.4 (11.4)	43.8 (11.1)	13630	2.5 (1.9)	3.2 (2.3)	796	1.7 (1.3)	1.8 (1.5)	537

\*Adjusted rates are adjusted for age, except where they are age specific.



**Table 4: proportion of children who were given a prescription which was not collected in the last 12 months, by sociodemographic variables: percent (standard errors)**

	Unadj	Adj	Pop est
<b>Total</b>	5.6 (1.0)		47817
<b>Sex:</b>			
Male	5.9 (1.5)	5.9 (1.5)	25822
Female	5.3 (1.3)	5.3 (1.3)	21996
<b>Age:</b>			
0-4 yrs	6.3 (1.4)	6.3 (1.4)	17723
5-9 yrs	4.9 (1.7)	4.9 (1.7)	14550
10-14 yrs	5.8 (1.9)	5.8 (1.9)	15544
<b>Ethnicity</b>			
European/Pākehā	4.4 (1.1)	4.5 (1.1)	23776
Māori	8.5 (2.5)	8.6 (2.6)	15875
Pacific	6.9 (3.8)	6.8 (3.5)	4491
Other	7.1 (4.3)	5.6 (2.9)	3675

\*Adjusted rates are adjusted for age and sex, except when they are age specific in which case they are adjusted only for sex, or when they are sex specific in which case they are adjusted only for age.

**Table 5: Reasons given for not collecting item/s by sociodemographic variables: percent (standard errors)**

	COST		WAS NO LONGER REQUIRED		OTHER	
	Unadj	Pop est	Unadj	Pop est	Unadj	Pop est
<b>Total</b>	28.0 (7.0)	13412	42.0 (9.4)	20072	31.6 (8.3)	15087
<b>Sex:</b>						
Male	28.9 (9.9)	7463	48.1 (12.9)	12417	25.9 (9.9)	6696
Female	27.0 (9.8)	5949	34.8 (12.0)	7655	38.1 (12.7)	8391
<b>Age:</b>						
0-4 yrs	30.4 (10.4)	5383	54.4 (12.0)	9649	15.2 (7.4)	2692
5-9 yrs	26.3 (14.0)	3830	46.1 (19.1)	6704	32.8 (14.2)	4771
10-14 yrs	27.0 (12.8)	4200	23.9 (14.0)	3719	49.1 (16.9)	7625
<b>Ethnicity</b>						
European/Pākehā	10.9 (5.2)	2597	55.5 (13.0)	13188	36.8 (12.7)	8745
Māori	37.1 (13.1)	5896	28.0 (15.1)	4443	34.9 (14.8)	5537
Pacific	100.0 (0.0)	4491	0.0 (0.0)	0	0.0 (0.0)	0
Other	11.6 (12.6)	428	66.4 (24.1)	2441	21.9 (18.4)	805

**Table 6: Proportion of children who were given a prescription at their last GP visit by sociodemographic variables: percent (standard errors)**

	Unadj	Adj	Pop est
<b>Total</b>	67.6 (2.1)		453468
<b>Sex:</b>			
Male	70.8 (2.9)	70.8 (2.9)	237852
Female	64.3 (3.0)	64.3 (3.0)	215616
<b>Age:</b>			
0-4 yrs	62.5 (3.6)	62.5 (3.6)	158657
5-9 yrs	75.8 (3.3)	75.8 (3.3)	172386
10-14 yrs	64.5 (4.3)	64.5 (4.3)	122425
<b>Ethnicity</b>			
European/Pākehā	62.7 (2.8)	62.7 (2.9)	269855
Māori	71.9 (4.2)	71.8 (4.4)	105811
Pacific	84.6 (4.8)	83.2 (5.2)	47027
Other	80.4 (7.5)	83.2 (6.4)	30776

\*Adjusted rates are adjusted for age and sex, except when they are age specific in which case they are adjusted only for sex, or when they are sex specific in which case they are adjusted only for age.