

Analysis of Diabetes Data Collected by the 1996/97 New Zealand Health Survey

Table 1: Self-reported diagnosed diabetes, by sociodemographic variables: percent (standard errors)

	DIAGNOSED DIABETES (SELF-REPORTED)		
	Unadj	Adj*	Pop Est
Total	3.7 (0.3)		104446
Sex:			
Male	4.0 (0.4)	4.1 (0.4)	55458
Female	3.4 (0.3)	3.3 (0.3)	48988
Age:			
15-24 yr	1.3 (0.6)	1.3 (0.6)	6790
25-44 yr	2.1 (0.3)	2.1 (0.3)	24408
45-64 yr	5.3 (0.6)	5.3 (0.6)	39526
65-74 yr	6.5 (0.9)	6.5 (1.0)	15789
75 yr +	11.2 (1.8)	11.3 (1.9)	17934
Ethnicity			
European/ Pākehā	3.4 (0.3)	3.1 (0.3)	75989
Māori	6.6 (0.8)	8.3 (1.0)	18435
Pacific	5.0 (0.9)	8.1 (1.4)	6546
Other	2.4 (1.1)	4.0 (1.8)	3477
Family income			
0-\$20,000	6.4 (0.6)	4.9 (0.6)	32292
\$20,001-\$30,000	5.8 (0.9)	5.1 (0.9)	21998
\$30,001-50,000	2.4 (0.4)	2.7 (0.5)	12639
\$50,001+	1.6 (0.3)	2.4 (0.6)	14091
NZDep96 score			
1 (least deprived)	2.4 (0.5)	2.6 (0.5)	19613
2	3.0 (0.6)	3.2 (0.7)	21310
3	4.4 (0.5)	4.4 (0.5)	28220
4 (most deprived)	5.2 (0.5)	5.6 (0.5)	35303

Table 1 (cont)

	DIAGNOSED DIABETES (SELF-REPORTED)		
	UnAdj	Adj*	Pop Est
Smoking status			
Current smoker	3.5 (0.5)	3.6 (0.5)	24296
Ex smoker	5.6 (0.6)	4.4 (0.7)	39154
Never smoked	2.9 (0.4)	3.1 (0.4)	40997
Level of physical activity per week			
0 mins	4.4 (0.7)	4.0 (0.7)	19012
1-149 mins	3.3 (0.4)	3.5 (0.5)	22251
150-299 mins	3.2 (0.6)	3.3 (0.6)	17492
300 + mins	3.9 (0.5)	3.7 (0.4)	45691
Education			
No qualification	4.9 (0.5)	4.3 (0.5)	39605
School or post school only	3.6 (0.5)	3.8 (0.5)	36312
School and post school	2.8 (0.4)	3.1 (0.5)	28051

*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: Self-reported diagnosed diabetes, by sociodemographic variables, for males: percent (standard errors)

MALES	DIAGNOSED DIABETES (SELF-REPORTED)		
	Unadj	Adj*	Pop Est
Total	4.0 (0.4)	4.1 (0.4)	55458
Age:			
15-24 yr	1.5 (1.2)		4091
25-44 yr	2.1 (0.5)		11582
45-64 yr	6.2 (0.9)		23284
65-74 yr	7.4 (1.6)		8647
75 yr +	12.6 (3.3)		7854
Ethnicity			
European/ Pākehā	4.1 (0.5)	3.9 (0.5)	45042
Māori	6.1 (1.3)	7.2 (1.3)	8088
Pacific	3.5 (1.1)	6.0 (1.8)	2328
Other	0.0 (0.0)	0.0 (0.0)	0
Family income			
0-\$20,000	7.6 (1.2)	5.9 (1.1)	15624
\$20,001-\$30,000	5.7 (1.3)	4.3 (1.3)	9843
\$30,001-50,000	3.3 (0.8)	3.7 (1.0)	8774
\$50,001+	2.2 (0.5)	2.8 (0.7)	10659
NZDep96 score			
1 (least deprived)	3.0 (0.7)	3.6 (0.9)	12152
2	4.0 (1.2)	4.2 (1.4)	13023
3	3.8 (0.7)	3.8 (0.7)	11765
4 (most deprived)	5.5 (0.8)	6.1 (0.9)	18518

Table 2 (cont)

MALES	DIAGNOSED DIABETES (SELF-REPORTED)		
	UnAdj	Adj*	Pop Est
Smoking status			
Current smoker	3.5 (0.7)	3.7 (0.7)	12678
Ex smoker	7.1 (1.0)	5.1 (1.0)	25834
Never smoked	2.6 (0.6)	3.3 (0.7)	16947
Level of physical activity per week			
0 mins	3.9 (0.9)	4.0 (0.9)	9234
1-149 mins	4.1 (0.8)	4.2 (0.8)	12112
150-299 mins	2.2 (0.6)	2.3 (0.6)	5061
300 + mins	4.8 (0.8)	4.6 (0.8)	29052
Education			
No qualification	4.8 (0.8)	4.3 (0.7)	17425
School or post school only	4.4 (0.9)	4.3 (1.0)	22439
School and post school	3.0 (0.6)	3.5 (0.7)	15116

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

Table 3: Self-reported diagnosed diabetes, by sociodemographic variables, for females (standard errors)

FEMALES	DIAGNOSED DIABETES (SELF-REPORTED)		
	Unadj	Adj*	Pop Est
Total	3.4 (0.3)	3.3 (0.3)	48988
Age:			
15-24 yr	1.0 (0.6)		2699
25-44 yr	2.2 (0.4)		12826
45-64 yr	4.3 (0.7)		16242
65-74 yr	5.6 (1.0)		7142
75 yr +	10.3 (2.3)		10080
Ethnicity			
European/ Pākehā	2.7 (0.3)	2.4 (0.3)	30946
Māori	7.0 (1.1)	9.4 (1.5)	10347
Pacific	6.3 (1.5)	10.1 (2.3)	4218
Other	4.7 (2.2)	7.9 (3.5)	3477
Family income			
0-\$20,000	5.6 (0.7)	3.9 (0.7)	16668
\$20,001-\$30,000	5.9 (1.3)	5.8 (1.3)	12156
\$30,001-50,000	1.5 (0.4)	1.7 (0.5)	3865
\$50,001+	0.9 (0.3)	2.0 (1.0)	3432
NZDep96 score			
1 (least deprived)	1.8 (0.6)	1.7 (0.6)	7461
2	2.2 (0.5)	2.2 (0.6)	8288
3	5.0 (0.8)	5.0 (0.8)	16455
4 (most deprived)	4.9 (0.6)	5.1 (0.7)	16784

Table 3 (cont)

FEMALES	DIAGNOSED DIABETES (SELF-REPORTED)		
	UnAdj	Adj*	Pop Est
Smoking status			
Current smoker	3.4 (0.6)	3.6 (0.6)	11618
Ex smoker	3.9 (0.8)	3.8 (1.0)	13320
Never smoked	3.1 (0.4)	2.9 (0.4)	24050
Level of physical activity per week			
0 mins	5.0 (1.1)	4.1 (1.0)	9779
1-149 mins	2.7 (0.5)	2.9 (0.5)	10139
150-299 mins	4.0 (0.9)	4.1 (0.9)	12431
300 + mins	3.0 (0.5)	2.8 (0.4)	16639
Education			
No qualification	5.0 (0.6)	4.3 (0.6)	22180
School or post school only	2.8 (0.5)	3.3 (0.5)	13873
School and post school	2.6 (0.6)	2.8 (0.7)	12935

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

Table 4: Proportion of self-reported diagnosed diabetics on insulin, tablets or other treatment: percent (standard errors)

	INSULIN		TABLETS/CAPSULES		DIET		EXERCISE		NO TREATMENT	
	Unadj	Adj*	Unadj	Adj*	Unadj	Adj*	Unadj	Adj*	Unadj	Adj*
Total	30.4 (4.0)	30.3 (4.0)	44.7 (3.7)	44.4 (3.7)	45.3 (3.9)	45.3 (3.9)	21.4 (3.7)	21.5 (3.6)	15.5 (2.5)	15.8 (2.6)
Sex										
Male	37.4 (6.1)	37.0 (6.0)	41.4 (5.4)	41.3 (5.3)	43.6 (5.8)	43.6 (5.7)	25.8 (5.8)	25.6 (5.7)	18.7 (4.0)	19.1 (4.1)
Female	22.5 (4.6)	22.6 4.7	48.4 (5.0)	48.0 (5.0)	47.2 (5.0)	47.2 (5.1)	16.6 (3.6)	16.8 (3.7)	11.9 (2.8)	12.1 (2.9)
Age										
15-24 yrs	89.5 (7.6)	89.1 (7.8)	0.0 (0.0)	0.0 (0.0)	53.9 (27.3)	52.6 (27.3)	55.3 (26.9)	54.2 (26.9)	3.2 (3.5)	3.3 (3.6)
25-44 yrs	44.2 (8.1)	44.2 (8.1)	34.5 (7.4)	34.6 (7.4)	43.2 (7.7)	43.1 (7.7)	20.2 (6.1)	20.1 (6.1)	14.4 (5.2)	14.4 (5.2)
45-64 yrs	19.9 (5.0)	19.7 (5.0)	53.2 (5.5)	53.1 (5.5)	43.8 (5.5)	44.0 (5.5)	20.6 (4.5)	20.6 (4.5)	15.8 (3.6)	15.8 (3.7)
65-74 yrs	28.9 (7.3)	28.6 (7.4)	40.6 (7.0)	40.3 (7.1)	49.8 (7.2)	49.9 (7.4)	22.5 (6.2)	23.1 (6.4)	20.2 (5.9)	21.2 (6.2)
75 + yrs	17.3 (6.7)	18.0 (7.0)	57.8 (9.1)	56.6 (9.4)	43.8 (9.0)	43.7 (9.1)	10.8 (5.5)	11.3 (5.9)	16.3 (7.9)	17.1 (8.5)
Ethnicity										
European/ Pākehā	35.9 (5.1)	38.3 (5.4)	38.4 (4.5)	36.3 (4.5)	45.4 (4.9)	45.4 (5.3)	21.5 (4.7)	22.5 (5.3)	17.3 (3.3)	17.3 (3.4)
Māori	17.4 (5.5)	17.6 (5.7)	60.0 (6.2)	62.3 (6.1)	45.5 (6.5)	45.2 (6.5)	21.8 (4.9)	20.5 (5.0)	12.9 (3.5)	12.3 (3.4)
Pacific	14.8 (7.6)	11.7 (6.1)	71.9 (8.2)	69.9 (9.0)	35.5 (9.8)	33.5 (9.6)	9.7 (4.3)	9.5 (4.4)	10.0 (4.7)	9.7 (4.9)
Other	10.2 (8.5)	22.2 (18.9)	43.2 (25.3)	26.4 (19.3)	65.0 (23.2)	57.5 (23.4)	41.4 (27.7)	33.7 (25.2)	0.0 (0.0)	0.0 (0.0)

*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.