

Analysis of Cardiovascular Data collected in the 1996/97 New Zealand Health Survey

Table 1: Number of cardiovascular risk factors, by sociodemographic variables: percent (standard errors)

	NO RISK FACTORS			ONE RISK FACTOR			TWO OR MORE RISK FACTORS		
	Unadj	Adj*	Pop Est	Unadj	Adj*	Pop Est	Unadj	Adj*	Pop Est
Total	55.1 (0.8)	/	1549175	35.3 (0.7)	/	992166	9.6 (0.5)	/	270964
Sex:									
Male	52.4 (1.2)	52.2 (1.2)	716148	37.5 (1.2)	37.7 (1.2)	512830	10.1 (0.7)	10.2 (0.7)	137515
Female	57.6 (1.0)	57.8 (1.0)	833027	33.2 (0.9)	33.1 (0.9)	479336	9.2 (0.6)	9.1 (0.6)	133449
Age:									
15-24 yr	64.2 (2.1)	64.1 (2.1)	336214	30.5 (1.9)	30.5 (1.9)	159947	5.3 (1.0)	5.3 (1.0)	27741
25-44 yr	58.1 (1.1)	58.1 (1.1)	661000	33.8 (1.1)	33.8 (1.1)	384734	8.0 (0.7)	8.0 (0.7)	91058
45-64 yr	52.0 (1.5)	52.1 (1.5)	388819	37.2 (1.5)	37.1 (1.5)	278020	10.8 (0.8)	10.8 (0.8)	80988
65-74 yr	43.3 (2.4)	42.9 (2.4)	105555	41.9 (2.2)	42.3 (2.2)	102161	14.8 (1.5)	14.8 (1.6)	36110
75 yr +	36.0 (2.5)	36.0 (2.5)	57587	42.1 (2.7)	42.3 (2.7)	67303	21.9 (2.7)	21.6 (2.6)	35066
Ethnicity									
European/ Pākehā	56.6 (0.9)	57.4 (0.9)	1279020	34.3 (0.8)	33.9 (0.8)	775244	9.0 (0.5)	8.7 (0.5)	203939
Māori	36.4 (1.9)	33.4 (1.8)	100893	45.9 (1.9)	45.8 (1.9)	127483	17.7 (1.4)	20.8 (1.6)	49170
Pacific	55.2 (2.5)	49.2 (2.8)	72431	35.2 (2.3)	39.3 (2.6)	46220	9.5 (1.3)	11.6 (1.6)	12505
Other	66.6 (4.1)	56.3 (4.7)	96830	29.7 (4.2)	37.7 (4.8)	43219	3.7 (1.4)	6.0 (2.6)	5350
Family income									
0-\$20,000	41.7 (1.5)	44.6 (1.9)	209459	42.2 (1.5)	41.6 (1.8)	211820	16.2 (1.0)	13.7 (1.1)	81241
\$20,001-30,000	48.6 (1.9)	49.3 (2.1)	183789	40.3 (1.8)	39.9 (2.0)	152585	11.1 (1.2)	10.8 (1.3)	41991
\$30,001-50,000	56.9 (1.7)	57.0 (1.8)	303526	33.6 (1.5)	33.6 (1.6)	179219	9.6 (1.1)	9.4 (1.1)	50991
\$50,001+	65.5 (1.5)	63.2 (2.1)	568937	29.2 (1.4)	29.6 (1.8)	253468	5.3 (0.7)	7.2 (1.7)	46159
NZDep96 score									
1 (least deprived)	66.2 (1.7)	66.4 (1.7)	532399	28.6 (1.6)	28.2 (1.6)	230395	5.2 (0.7)	5.4 (0.7)	41425
2	54.2 (1.6)	54.2 (1.7)	379678	35.9 (1.4)	35.8 (1.5)	251214	9.9 (1.0)	9.9 (1.0)	68984
3	53.9 (1.5)	53.9 (1.5)	340658	35.3 (1.4)	35.3 (1.4)	223549	10.8 (0.9)	10.8 (0.9)	68261
4 (most deprived)	43.9 (1.2)	42.7 (1.2)	296440	42.5 (1.2)	42.8 (1.2)	287008	13.7 (0.8)	14.4 (0.9)	92295
Education									
No qualification	41.8 (1.3)	42.0 (1.4)	335039	43.6 (1.3)	44.0 (1.4)	349471	14.7 (0.9)	14.0 (1.0)	117839
School or post-school, only	55.3 (1.4)	51.6 (1.4)	556160	35.6 (1.3)	38.7 (1.4)	358437	9.1 (0.7)	9.7 (0.8)	91610
Both school and post school	65.5 (1.4)	64.1 (1.5)	649645	28.4 (1.3)	29.4 (1.4)	281724	6.1 (0.6)	6.5 (0.7)	60141

*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 cardiovascular risk factors, by sociodemographic variables, for males: percent (standard errors)

MALES	NO RISK FACTORS			ONE RISK FACTOR			TWO OR MORE RISK FACTORS		
	Unadj	Adj*	Pop Est	Unadj	Adj*	Pop Est	Unadj	Adj*	Pop Est
Total	52.4 (1.2)	52.2 (1.2)	716148	37.5 (1.2)	37.7 (1.2)	512830	10.1 (0.7)	10.2 (0.7)	137515
Age:									
15-24 yr	64.9 (3.0)	/	170707	30.9 (2.8)	/	81359	4.2 (1.3)	/	11011
25-44 yr	54.3 (1.8)	/	299597	35.8 (1.7)	/	197618	9.9 (1.1)	/	54698
45-64 yr	47.9 (2.4)	/	178402	40.4 (2.3)	/	150554	11.6 (1.2)	/	43347
65-74 yr	38.2 (3.4)	/	44544	47.1 (3.4)	/	54901	14.7 (2.6)	/	17190
75 yr +	36.6 (4.2)	/	22898	45.4 (4.4)	/	28398	18.0 (3.5)	/	11270
Ethnicity									
European/ Pākehā	53.0 (1.4)	53.4 (1.4)	581694	37.3 (1.3)	37.0 (1.3)	409556	9.8 (0.8)	9.7 (0.8)	107263
Māori	40.2 (3.1)	36.3 (2.9)	52804	43.9 (3.0)	44.2 (2.9)	57701	16.0 (2.2)	19.4 (2.5)	21008
Pacific	50.1 (3.7)	42.0 (3.7)	32511	39.1 (3.6)	45.4 (4.0)	25333	10.8 (2.2)	12.6 (2.6)	7006
Other	68.6 (6.2)	56.2 (7.3)	49139	28.3 (6.0)	38.4 (7.3)	20240	3.1 (1.5)	5.4 (3.7)	2237
Family income									
0-\$20,000	38.0 (2.4)	41.3 (2.8)	78290	45.8 (2.5)	44.1 (2.9)	94497	16.2 (1.7)	14.6 (1.8)	33326
\$20,001-30,000	44.2 (3.0)	45.6 (3.4)	76641	44.3 (2.9)	42.7 (3.4)	76734	11.5 (1.9)	11.6 (2.3)	19994
\$30,001-50,000	53.6 (2.5)	53.6 (2.6)	144393	33.6 (2.2)	33.6 (2.3)	90594	12.7 (1.9)	12.8 (1.9)	34302
\$50,001+	60.2 (2.2)	58.2 (2.8)	285603	33.4 (2.1)	34.9 (2.7)	158581	6.4 (1.1)	6.9 (1.4)	30463
NZDep96 score									
1 (least deprived)	63.2 (2.5)	63.0 (2.4)	253225	30.9 (2.4)	30.6 (2.3)	123796	5.9 (1.1)	6.4 (1.2)	23717
2	48.0 (2.7)	48.1 (2.8)	157505	40.3 (2.6)	40.2 (2.7)	132225	11.6 (1.7)	11.7 (1.7)	38115
3	52.4 (2.1)	52.0 (2.1)	159465	37.0 (2.1)	37.1 (2.0)	112692	10.6 (1.4)	11.0 (1.4)	32295
4 (most deprived)	43.8 (2.0)	41.8 (1.9)	145953	43.2 (1.9)	44.1 (1.8)	144117	13.0 (1.3)	14.1 (1.4)	43388
Education									
No qualification	40.5 (2.2)	40.8 (2.3)	145489	44.5 (2.2)	44.2 (2.2)	160117	15.0 (1.6)	15.0 (1.7)	53848
School or post-school, only	51.0 (2.0)	47.8 (2.1)	259269	39.8 (2.0)	42.4 (2.1)	202268	9.3 (1.0)	9.9 (1.2)	47218
Both school and post school	62.6 (2.0)	61.8 (2.1)	310178	30.2 (1.9)	30.7 (2.0)	149758	7.2 (1.1)	7.5 (1.1)	35800

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

Table 3: Number of cardiovascular risk factors, by sociodemographic variables, for females (standard errors)

FEMALES	NO RISK FACTORS			ONE RISK FACTOR			TWO OR MORE RISK FACTORS		
	Unadj	Adj*	Pop Est	Unadj	Adj*	Pop Est	Unadj	Adj*	Pop Est
Total	57.6 (1.0)	57.8 (1.0)	833027	33.2 (0.9)	33.1 (0.9)	479336	9.2 (0.6)	9.1 (0.6)	133449
Age:									
15-24 yr	63.5 (2.9)		165507	30.1 (2.7)		78589	6.4 (1.4)		16730
25-44 yr	61.8 (1.4)		361403	32.0 (1.4)		187116	6.2 (0.6)		36361
45-64 yr	56.0 (2.0)		210416	33.9 (1.9)		127466	10.0 (1.1)		37641
65-74 yr	48.0 (3.1)		61012	37.2 (2.8)		47260	14.9 (1.8)		18920
75 yr +	35.6 (3.0)		34689	39.9 (3.3)		38905	24.4 (3.5)		23797
Ethnicity									
European/ Pākehā	60.1 (1.2)	61.2 (1.2)	697326	31.5 (1.1)	31.1 (1.1)	365688	8.3 (0.6)	7.7 (0.6)	96676
Māori	32.9 (2.1)	30.7 (2.1)	48089	47.8 (2.2)	47.2 (2.4)	69782	19.3 (1.7)	22.2 (1.9)	28162
Pacific	60.2 (3.1)	56.0 (3.5)	39921	31.5 (2.7)	33.5 (3.1)	20887	8.3 (1.6)	10.6 (2.0)	5499
Other	64.6 (5.7)	56.4 (6.3)	47691	31.1 (5.7)	37.0 (6.3)	22979	4.2 (2.3)	6.6 (3.9)	3112
Family income									
0-\$20,000	44.3 (1.8)	47.8 (2.3)	131169	39.6 (1.7)	39.3 (2.2)	117324	16.2 (1.2)	12.9 (1.3)	47915
\$20,001-30,000	52.3 (2.5)	52.8 (2.5)	107149	37.0 (2.2)	37.3 (2.3)	75851	10.7 (1.5)	9.9 (1.4)	21997
\$30,001-50,000	60.2 (2.2)	60.3 (2.4)	159133	33.5 (2.1)	33.5 (2.4)	88626	6.3 (1.1)	6.2 (1.2)	16689
\$50,001+	71.9 (2.0)	68.0 (3.0)	283335	24.1 (1.8)	24.6 (2.2)	94887	4.0 (0.9)	7.4 (3.1)	15696
NZDep96 score									
1 (least deprived)	69.2 (2.2)	69.6 (2.2)	279175	26.4 (2.0)	26.0 (2.0)	106599	4.4 (0.9)	4.3 (0.9)	17708
2	59.7 (2.1)	60.1 (2.2)	222173	32.0 (1.9)	31.7 (2.0)	118989	8.3 (1.0)	8.2 (1.0)	30869
3	55.2 (1.9)	55.7 (2.0)	181192	33.8 (1.8)	33.6 (1.8)	110857	11.0 (1.3)	10.7 (1.3)	35966
4 (most deprived)	44.0 (1.5)	43.6 (1.5)	150487	41.7 (1.5)	41.6 (1.5)	142892	14.3 (1.1)	14.7 (1.1)	48907
Education									
No qualification	42.8 (1.6)	43.2 (1.8)	189551	42.8 (1.6)	43.8 (1.7)	189355	14.4 (1.1)	13.0 (1.0)	63991
School or post-school, only	59.7 (1.8)	55.3 (1.9)	296891	31.4 (1.6)	35.2 (1.8)	156169	8.9 (1.0)	9.5 (1.0)	44392
Both school and post school	68.5 (1.8)	66.3 (2.0)	339467	26.6 (1.7)	28.1 (1.9)	131966	4.9 (0.7)	5.5 (0.9)	24341

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