

**Section 5:**

**Appendices**



## Section 5: Appendices

### Appendix 1: Demographic Characteristics of Sample

**Table 73:** 1996/97 New Zealand Health Survey: demographic characteristics of total sample

	Number	Proportion of Sample (%)	Population Estimate	Weighted Population Proportion (%)
<b>Sex</b>				
Male	3258	41.4	1,374,003	48.6
Female	4604	58.6	1,450,783	51.4
<b>Age group</b>				
15–24 years	1050	13.4	527,965	18.7
25–44 years	3221	41.0	1,141,599	40.4
45–64 years	2063	26.2	750,268	26.6
65–74 years	885	11.3	244,550	8.7
75+ years	643	8.2	160,404	5.7
<b>Ethnicity</b>				
European/Pākehā	5647	71.8	2,267,396	80.3
Māori	1321	16.8	279,174	9.9
Pacific	645	8.2	132,360	4.7
Other	249	3.2	145,854	5.2
<b>Family income</b>				
0–\$20,000	2226	34.1	503,987	22.0
\$20,001–\$30,000	1152	17.6	379,033	16.5
\$30,001–\$50,000	1459	22.3	534,942	23.3
\$50,001+	1691	25.9	874,348	38.1
<b>NZDep96</b>				
1 (least deprived)	1418	18.0	809,388	28.7
2	1636	20.8	700,702	24.8
3	1924	24.5	635,313	22.5
4 (most deprived)	2891	36.7	679,382	24.1
<b>Education</b>				
No qualifications	2704	34.4	807,416	28.6
School only	1815	23.1	691,221	24.5
Post-school only	942	12.0	320,990	11.4
School and post-school	2356	30.0	992,920	35.2

Table 73 provides information on the demographic and socioeconomic characteristics of the sample as a whole. Table 74 provides information on how representative the Māori sample was in terms of socioeconomic status. This table contains the weighted and unweighted proportions found in the Māori sample in categories of education, labour force status and family income, together with the corresponding proportions found in the Census.

As Table 74 indicates, the data on education and labour force status suggest that the sample was representative of the national Māori population in terms of socioeconomic status. The data on family income are more equivocal. The family income data need to be treated with caution, however, because in both the sample and the Census a significant proportion of individuals provided no information on family income.

**Table 74: Socioeconomic characteristics of Māori sample**

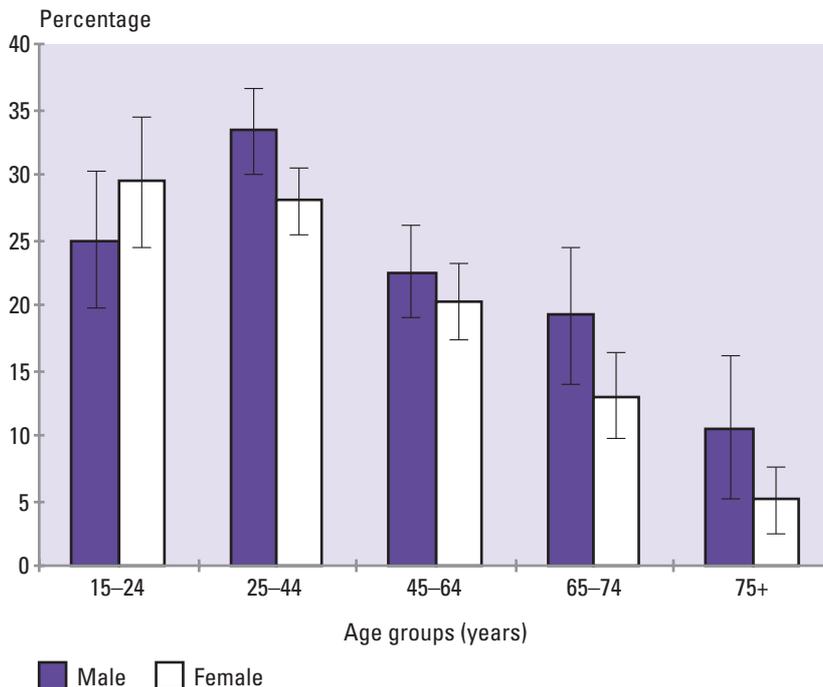
	Census proportion (%)	1996/97 Health Survey Māori sample proportion (unweighted) (%)	1996/97 Health Survey Māori sample proportion (weighted) (%)
<b>Labour force status</b>			
Employed	53.9	46.4	53.2
Unemployed	11.4	12.0	12.5
Not in the labour force	34.7	39.9	32.7
<b>Education</b>			
No qualifications	47.1	46.5	43.6
School qualifications	24.8	19.6	22.7
<b>Family income</b>			
0-\$20,000	43.9	41.6	29.2
\$20,001-\$30,000	17.6	18.6	18.4
\$30,001-\$50,000	21.7	21.2	24.8
\$50,000+	16.8	18.6	28.7

## Appendix 2: Notes to Figures and Tables

### Understanding the figures

There are two main types of figures used in the text. The first type is illustrated by *Figure Example 1*. This graph shows the percentage of males and females in different age groups who are current smokers in the population (extrapolated from the survey after applying the sample survey weight). For example, the pair of bars on the left show that 25% of male 15–24-year-olds and a little under 30% of female 15–24-year-olds in New Zealand are current smokers.

**Figure Example 1:** Proportion of people who are current smokers, by age and sex

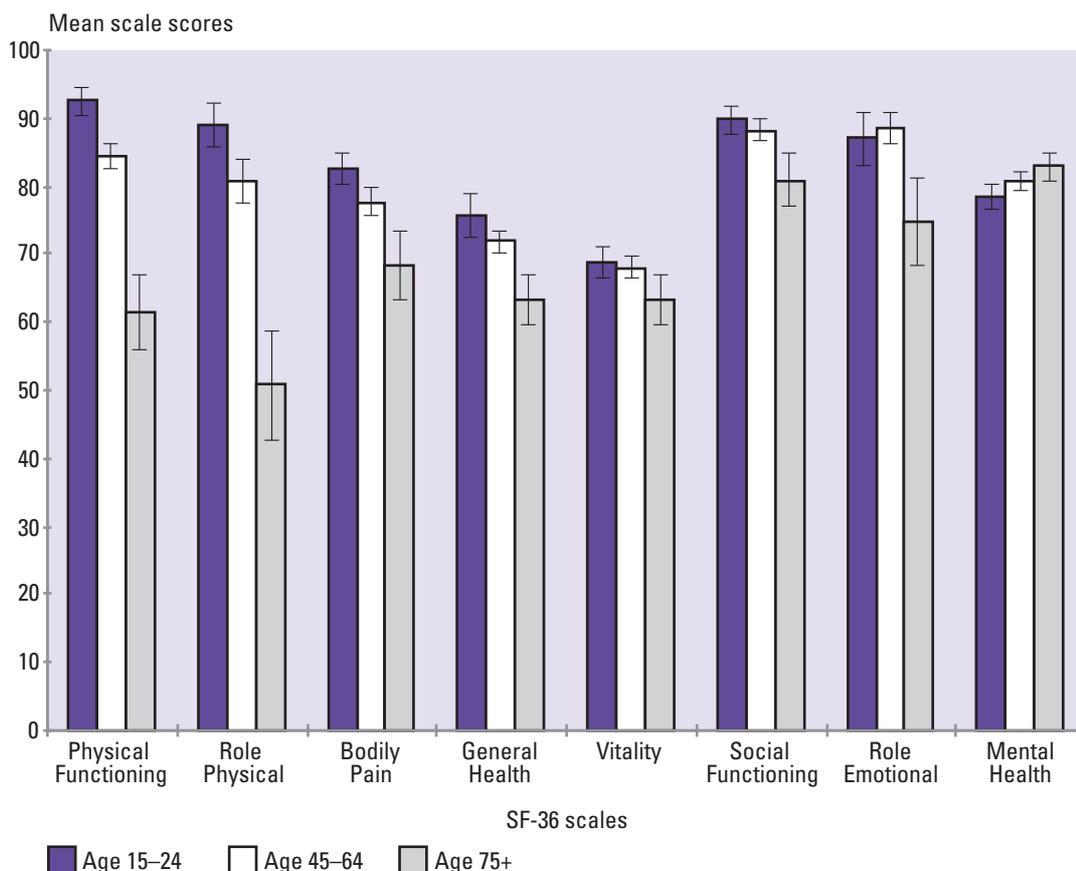


The confidence interval indicators (error bars) displayed at the top of each bar of the graphs indicate the 95% confidence interval\* for the estimate. In *Figure Example 1* above we can see that the estimate of 25% of male 15–24-year-olds who are current smokers has a confidence interval of 20–30% (approximately). This tells us that there is a 95% probability of the true population prevalence rate for current smokers falling within the range of 20–30%. Expressed another way, if we repeated a similar survey 100 times, 95 of the samples would give us an estimate somewhere in the range of 20–30%.

The second type of figure is that used for the SF-36 graphs, which show population mean scale scores instead of population proportions. The example given below (*Figure Example 2*) shows the mean scores for each SF-36 scale, for males, in each of the selected age groups. For example, the mean score on the Physical Functioning scale for 15–24-year-old males in the New Zealand population is 92 (approximately), while for 45–64-year-old males it is 84 (approximately), and for males 75 and older it is 62 (approximately).

\* See Chapter 1: The Survey for further explanation of confidence intervals.

**Figure Example 2:** SF-36 mean scale scores by selected age group, males



Confidence intervals can provide some visual indication as to whether or not there are statistically significant differences between groups (in this case, at a 95% confidence level). For the difference between two groups to be statistically significant means that there is only a 5% chance that the difference between the groups occurred by chance. To demonstrate, where the confidence intervals clearly do not overlap in *Figure Example 2*, as in the comparison of 15-24-year-old males on the Physical Functioning scale with either of the other two age groups on the same scale, then the mean scores of the groups can be considered to be significantly different from each other. Where there is some overlap of confidence intervals, as, for example, in the comparison of the 15-24-year-olds with the 45-64-year-olds on the General Health scale, then it cannot be concluded visually whether the two groups differ significantly and a formal statistical test must be undertaken.

## Understanding the tables

In *Table Example* below, taken from Chapter 2: Smoking, the unadjusted rate for males in the population in the current smoking category is 26.5%. This means that 26.5% of all males in the population are current smokers. Below this number is the range 24.5–28.5. This is the 95% confidence interval, as discussed above. The column labelled ‘Pop est’ is short for population estimate. For example, the population estimate for the proportion of males who currently smoke is 363,189. This means that the proportion of 26.5% for current male smokers corresponds to 363,189 males in the New Zealand population who are current smokers. The sample survey weight (see Chapter 1: The Survey) applied to the sample estimates allows this extrapolation from the survey estimate to population estimate.

**Table Example:** Smoking status for total population and by sex: percent (95% confidence intervals)

	Current smokers			Ex-smokers			Never smoked		
	% (95% CI)		Pop est	% (95% CI)		Pop est	% (95% CI)		Pop est
	Unadj	Adj*		Unadj	Adj*		Unadj	Adj*	
<b>Total</b>	24.9 (23.5–26.3)		701,351	24.9 (23.5–26.3)		702,767	50.2 (48.6–51.8)		1,413,946
<b>Sex</b>									
Male	26.5 (24.5–28.5)	26.4 (24.4–28.4)	363,189	26.6 (24.6–28.6)	27.0 (25.0–29.0)	364,026	46.9 (44.5–49.3)	46.6 (44.2–49.0)	642,813
Female	23.4 (21.8–25.0)	23.5 (21.9–25.1)	338,162	23.4 (21.6–25.2)	23.3 (21.5–25.1)	338,741	53.3 (51.3–55.3)	53.2 (51.2–55.2)	771,134



## Appendix 3: Psychometric Properties of SF-36

**Table 75:** 1996/97 Health Survey, percent complete items in each SF-36 scale, by sociodemographic variables

	Physical Functioning	Role Physical	Bodily Pain	General Health	Vitality	Social Functioning	Role Emotional	Mental Health
<b>Total</b>	94.8	97.0	97.7	96.8	97.3	96.8	96.5	97.5
<b>Age<sup>a</sup></b>								
15–24 years	98.0	99.2	99.3	99.1	98.9	98.7	98.9	99.2
25–44 years	96.1	97.8	98.0	97.8	98.1	97.8	97.5	98.1
45–64 years	93.6	96.6	97.7	96.6	97.2	96.9	96.1	97.3
65–74 years	92.3	94.3	96.3	93.7	95.5	94.1	93.2	95.8
75+ years	83.9	89.9	92.0	87.3	89.8	87.1	88.6	90.6
<b>Sex<sup>b</sup></b>								
Male	94.6	97.2	97.7	96.8	97.2	96.5	96.6	97.3
Female	94.9	96.8	97.7	96.8	97.4	97.1	96.4	97.7
<b>Ethnicity<sup>c</sup></b>								
European/Pākehā	95.5	97.6	98.2	97.5	97.8	97.5	97.1	97.9
Māori	91.9	94.8	95.1	94.1	95.1	93.7	93.1	95.1
Pacific	90.5	91.7	92.0	90.7	91.9	91.8	90.8	92.1
<b>Education<sup>c</sup></b>								
No qualification	94.0	95.7	96.6	95.5	96.4	95.1	95.0	96.6
School qualification only	93.5	97.3	97.4	96.9	97.2	96.9	96.6	97.0
Post-school qualification only	93.3	96.6	97.5	96.4	96.6	96.8	94.9	97.4
School and post-school qualification	96.0	97.4	98.1	97.5	97.8	97.6	97.5	98.1
<b>Family income<sup>c</sup></b>								
0–\$20,000	93.7	95.9	96.6	96.4	96.1	95.4	94.5	96.8
\$20,001–\$50,000	94.9	97.4	98.2	97.1	97.7	97.2	97.2	98.1
\$50,001+	96.8	98.9	98.6	98.0	98.6	98.2	98.6	98.4

<sup>a</sup> Percentages are sex-standardised. <sup>b</sup> Percentages are age-standardised. <sup>c</sup> Percentages are age- and sex-standardised.

**Table 76:** Results of item scaling tests and reliability estimates for SF-36

Scale	Number of items	Range of item correlations		Item scaling tests		Scale
		Item internal consistency <sup>a</sup>	Item discriminate validity <sup>b</sup>	Success/total <sup>c</sup>	Scaling success (%)	Reliability <sup>d</sup>
Physical Functioning	10	0.64–0.83	0.15–0.56	80/80	100	0.93
Role Physical	4	0.86–0.89	0.20–0.58	32/32	100	0.91
Bodily Pain	2	0.95	0.26–0.56	16/16	100	0.91
General Health	5	0.65–0.83	0.19–0.56	40/40	100	0.82
Vitality	4	0.77–0.80	0.24–0.56	32/32	100	0.82
Social Functioning	2	0.90	0.39–0.56	16/16	100	0.78
Role Emotional	3	0.83–0.90	0.24–0.52	24/24	100	0.83
Mental Health	5	0.62–0.77	0.10–0.55	40/40	100	0.80

<sup>a</sup> Correlations between items and scale (corrected for overlap): higher correlations indicate that the scale has good internal consistency.

<sup>b</sup> Correlations between items and other scales: lower correlations indicate good discrimination between the scales.

<sup>c</sup> Number of significantly higher / total number of correlations.

<sup>d</sup> Internal consistency reliability (Cronbach's alpha): a measure of the equivalence of questions intended to measure the same concept.

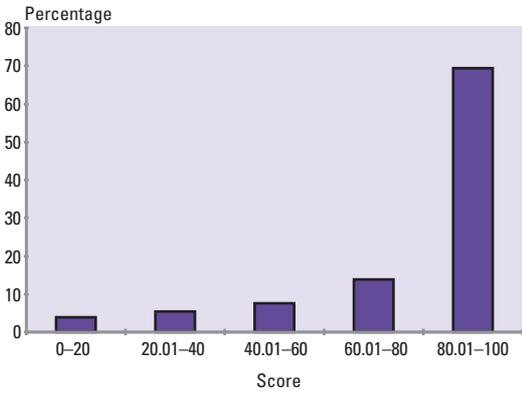
**Table 77:** Descriptive statistics and features of score distributions for SF-36\*

	Physical Functioning	Role Physical	Bodily Pain	General Health	Vitality	Social Functioning	Role Emotional	Mental Health
Items	10	4	2	5	4	2	3	5
Levels	21	5	11	21	21	9	4	26
Mean	86.0	80.7	77.9	73.8	65.6	86.6	85.0	78.0
SE	0.33	0.6	0.4	0.3	0.3	0.3	0.5	0.3
Median	95.0	100.0	84.0	77.0	70.0	100.0	100.0	80.0
Range	0–100	0–100	0–100	0–100	0–100	0–100	0–100	0–100
SD	21.7	34.9	24.5	20.1	18.5	20.6	30.9	15.3
% floor	0.6	11.4	0.6	0.1	0.2	0.6	7.7	0.0
% ceiling	43.2	71.9	42.1	9.6	1.7	58.9	77.6	5.1

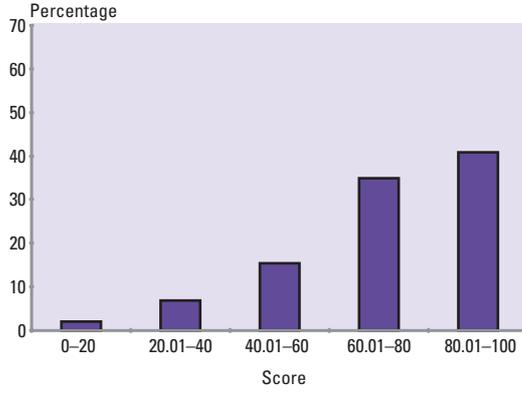
\* All statistics weighted to adjust for the complex sampling scheme.

**Figure 120:** Frequency distributions of SF-36 scale scores

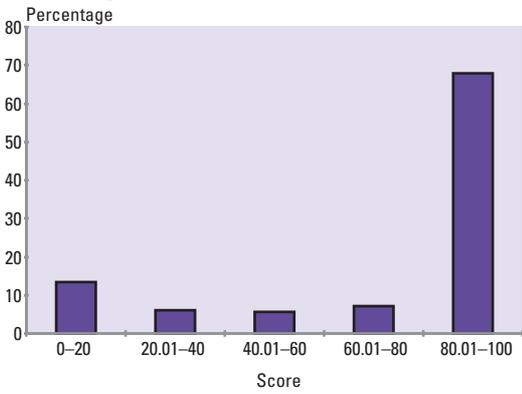
**Physical Functioning**



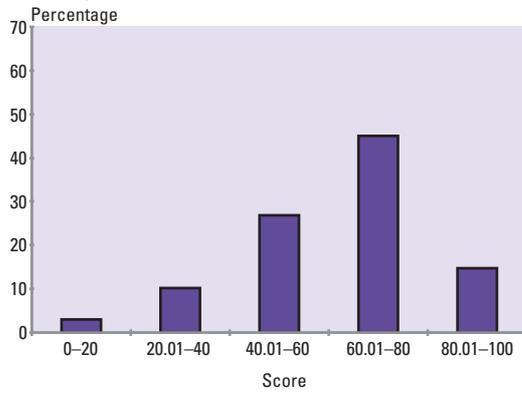
**General Health**



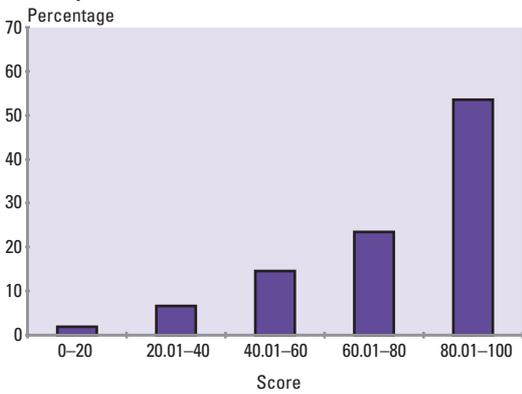
**Role Physical**



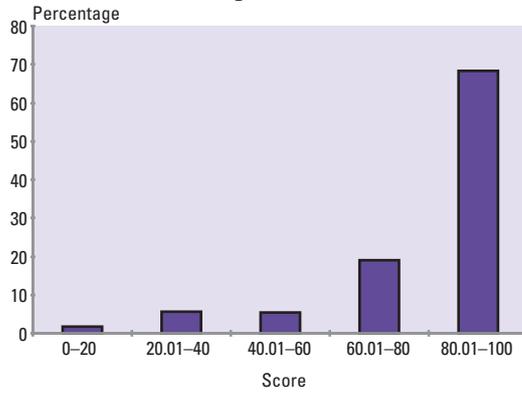
**Vitality**



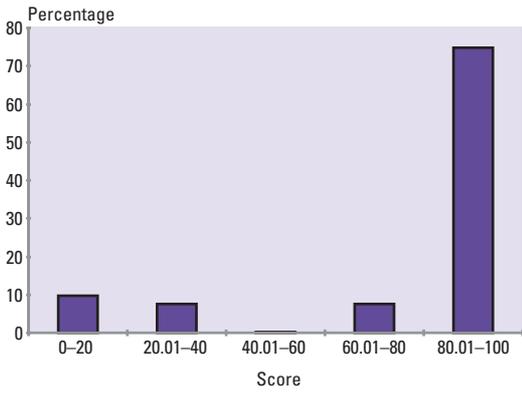
**Bodily Pain**



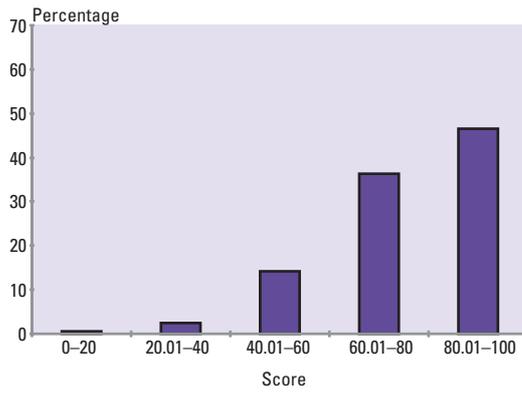
**Social Functioning**



**Role Emotional**



**Mental Health**



## Appendix 4: Survey Forms



HE/96/02

Reference number

Person number

### New Zealand Health Survey 1996-97 Adult Questionnaire

The information recorded on this questionnaire is subject to the confidentiality provisions of the Statistics Act, 1975.

#### Adult questionnaire

Participation code

Assisted - health  1

Assisted - translation  1

#### Child questionnaire

Participation code

#### General health questionnaire

Assisted - health  1

Assisted - reading  1

**1** Is R:  
 Male? ..... 1   
 Female? ..... 2

**2** (Can you remind me) how old were you at your last birthday?  
 age .....

**3** (and) which ethnic group or groups do you belong to?  
 Tick all that apply

**Showcard 3**

- NZ European/Pakeha .. 1
- other European ..... 2
- NZ Maori ..... 3
- Samoan ..... 4
- Cook Island Maori ... 5
- Tongan ..... 6
- Niuean ..... 7
- Tokelauan ..... 8
- Fijian ..... 9
- other Pacific Island groups ..... 10
- Southeast Asian .... 11
- Chinese ..... 12
- Indian ..... 13
- other Asian ..... 14
- other ethnic groups 15

**4** Have you ever been told by a doctor that you have diabetes (other than during pregnancy)?  
 yes ..... 1   
 no ..... 2  → Q7  
 don't know .....  → Q7

**5** How old were you when diabetes was first diagnosed?  
 age .....    
 don't know .....

**6** What treatments do you now have for your diabetes?

Tick all that apply

**Showcard 6**

- no treatment ..... 1
  - insulin injections .. 2
  - tablets or capsules . 3
  - diet ..... 4
  - exercise ..... 5
  - other - specify ..... 6
- \_\_\_\_\_
- don't know .....

**7** Have you ever taken pills regularly for high blood pressure (other than during pregnancy)?

- yes ..... 1
- no ..... 2  → Q9
- don' t know .....  → Q9

**9** In the last 12 months, have you been woken by an attack of shortness of breath at any time?

- yes ..... 1
- no ..... 2
- don' t know .....

**8** Are you currently taking pills regularly for high blood pressure?

- yes ..... 1
- no ..... 2
- don' t know .....

**10** In the last 12 months, have you had an attack of asthma?

- yes ..... 1
- no ..... 2
- don' t know .....

**11** Are you currently taking any medicine for asthma, including inhalers, aerosols or tablets?

- yes ..... 1
- no ..... 2
- don' t know .....

**12** In the last 12 months, have you seen a doctor or been visited by a doctor **about your own health?** By 'doctor' I mean any GP or family doctor, but not a specialist.

- yes ..... 1
- no ..... 2  → Q19
- don't know .....  → Q19

**13** How many times?

**Showcard 13**

- 1 time ..... 1
- 2 times ..... 2
- 3 to 5 times ..... 3
- 6 to 11 times ..... 4
- 12 times or more .... 5
- don't know .....

**14** The last time you saw a GP or family doctor about your own health, was it:

- within the last 4 weeks? .... 1
- within the last 3 months? .... 2
- within the last 6 months? .... 3
- within the last 12 months?.. 4
- don't know .....

**15** The last time you saw a GP or family doctor about your own health, was it for:

Tick all that apply

- a disability, long-term illness or chronic condition? ..... 1
- an injury or poisoning? ..... 2
- immunisation or vaccination? 3
- contraception or family planning? ..... 4
- (female R only) maternity care? ..... 5
- (female R only) a cervical smear? ..... 6
- a short-term illness or temporary condition? ..... 7
- any other routine check-up or health advice? ..... 8
- something else? - specify 9

\_\_\_\_\_

don't know .....

**16** Was that visit covered by ACC?

Tick yes if awaiting confirmation from ACC

- yes ..... 1
- no ..... 2
- don't know .....

**17** What did the doctor charge for that visit? Was it:

- free? ..... 1
- 10 dollars or less? ..... 2
- 20 dollars or less? ..... 3
- 30 dollars or less? ..... 4
- 40 dollars or less? ..... 5
- more than 40 dollars? ..... 6
- other arrangement - specify 7

\_\_\_\_\_ don't know .....

**18** Did the doctor write you a prescription at that visit?

- yes ..... 1
- no ..... 2
- don't know .....

**19** In general, the last time you saw a GP or family doctor about your own health, how satisfied or dissatisfied were you?

**Showcard 19**

- very satisfied ..... 1  → Q21
- satisfied ..... 2  → Q21
- neither satisfied nor dissatisfied ... 3  → Q21
- dissatisfied ..... 4
- very dissatisfied ... 5
- don't know .....  → Q21

**20** What was the reason you weren't satisfied?

- Probe: Any other reason?
- Repeat probe until no other reason.
- Tick all that apply
- cost too much ..... 1
- doctor didn't spend enough time /wasn't thorough enough ..... 2
- didn't like doctor's manner/ couldn't talk to doctor/ doctor wouldn't listen .. 3
- doctor made wrong diagnosis 4
- doctor gave wrong treatment/ didn't give any treatment/ only prescribed drugs ... 5
- couldn't see usual doctor/ had to see a locum ..... 6
- other - specify ..... 7
- \_\_\_\_\_ don't know .....

**21** In the last 12 months, has there been any time when you needed to see a GP or family doctor about your own health, but didn't get to see any doctor at all?

- yes ..... 1
- no ..... 2  → Q23
- don't know .....  → Q23

**22** The last time that happened, what was the reason?

- Probe: Any other reason?
- Repeat probe until no other reason.
- Tick all that apply

costs too much ..... 1

couldn't get an appointment soon enough/  
at a suitable time/  
it was after hours .... 2

couldn't spare the time .. 3

didn't want to make a fuss/  
couldn't be bothered .. 4

had no transport to  
get there ..... 5

couldn't get in touch with  
the doctor ..... 6

other - specify ..... 7

\_\_\_\_\_

don't know .....

**23** In the last 12 months, have you seen a medical specialist **about your own health**? By medical specialist I mean the kind of doctor people go to for a particular condition, problem or service, not a GP.

- yes ..... 1
- no ..... 2  → Q26
- don't know .....  → Q26

**24** The last time you saw a specialist about your own health, was it:

within the last 4 weeks? .... 1

within the last 3 months? .... 2

within the last 6 months? .... 3

within the last 12 months? .. 4

don't know .....

**25** The last time you saw a specialist about your own health, was it at a:

public hospital? ..... 1

specialist's private rooms  
or clinic? ..... 2

private hospital? ..... 3

don't know .....

**26** In the last 12 months, have you seen any of the following people for health care or advice for yourself:

Tick all that apply

- a) GP's practice nurse, without also seeing the doctor? ..... 1  ..... 1 time----- 1  ..... 1   
 2 times----- 2   
 3 to 5 times -- 3   
 6 to 11 times - 4   
 12 times or more 5   
 don' t know----
- b) plunket, district, public health or other nurse? . 1  ..... 1
- c) chemist or pharmacist, for health advice or medication only? ..... 1  ..... 1
- d) physiotherapist? ..... 1  ..... 1
- e) dentist or dental nurse? ..... 1  ..... 1
- f) optician or optometrist? ..... 1  ..... 1
- g) chiropractor or osteopath? ..... 1  ..... 1
- h) podiatrist or chiropodist? ..... 1  ..... 1
- i) alternative therapist such as a naturopath, homeopath, iridologist or acupuncturist? .. 1  ..... 1
- j) social worker, psychologist or counsellor? .. 1  ..... 1
- k) occupational or speech therapist? ..... 1  ..... 1
- l) (female R only) midwife? ..... 1  ..... 1
- m) traditional healer such as tohunga, rongoa Maori specialist or fofu? ..... 1  ..... 1
- n) Maori health worker, Pacific Island health worker? ..... 1  ..... 1
- any other therapist, healer or health worker?  
 - specify
- o) \_\_\_\_\_ ..... 1  ..... 1
- p) \_\_\_\_\_ ..... 1  ..... 1
- q) none of the above ..... 1

**27** How many times?

Showcard 27

**28** Was that within the last 4 weeks?

**29** In the last 12 months, has there been any time when you needed to see any of these health professionals for health care or advice for yourself, but you weren't able to?

Showcard 29

- yes ..... 1   
 no ..... 2  → Q32  
 don't know .....  → Q32

**30** The last time that happened, who did you need to see? (tick one only)

Showcard 29

- medical specialist ..... 1   
 GP's practice nurse ..... 2   
 plunket, district, public health or other nurse .. 3   
 chemist/pharmacist ..... 4   
 physiotherapist ..... 5   
 dentist/dental nurse... 6   
 optician/optometrist... 7   
 chiropractor/osteopath. 8   
 podiatrist/chiropodist. 9   
 alternative therapist such as naturopath, homeopath, iridologist, acupuncturist . 10   
 social worker, psychologist or counsellor ..... 11   
 occupational/speech therapist ..... 12   
 midwife ..... 13   
 traditional healer - tohunga, rongoa Maori specialist or fofo 14   
 Maori health worker, Pacific Island health worker .. 15   
 other therapist, healer or health worker - specify .... 16   
 \_\_\_\_\_

**31** What was the reason you didn't get to see a ... on this occasion?

- Probe: Any other reason?
- Repeat probe until no other reason.
- Tick all that apply

- costs too much ..... 1   
 couldn't get an appointment soon enough/  
 at a suitable time/  
 it was after hours ..... 2   
 couldn't spare the time .. 3   
 didn't want to make a fuss/  
 couldn't be bothered ..... 4   
 had no transport to get there .. 5   
 couldn't get in touch with the health professional.... 6   
 other - specify ..... 7   
 \_\_\_\_\_  
 don't know .....

**32** In the last 12 months, have you yourself used a service at, or been admitted to, a **public** hospital?

- yes ..... 1
- no ..... 2  → Q34
- don' t know .....  → Q34

**34** In the last 12 months, have you yourself used a service at, or been admitted to, a **private** hospital?

- yes ..... 1
- no ..... 2  → Q36
- don' t know .....  → Q36

**33** In the last 12 months, at a **public** hospital:

Tick all that apply

did you yourself use the accident and emergency department? ..... 1

did you yourself use an outpatients department, that is, a ward or clinic or specialist where you went as an outpatient? ..... 2

were you admitted as an inpatient, that is, stayed as a patient overnight? ..... 3

were you admitted for day treatment, that is, day surgery or medical care for which you had to stay in hospital for more than 3 hours but not overnight? ..... 4

none of the above ..... 5

**35** In the last 12 months, at a **private** hospital:

Tick all that apply

were you admitted as an inpatient, that is, stayed as a patient overnight? ..... 1

were you admitted for day treatment, that is, day surgery or medical care for which you had to stay in hospital for more than 3 hours but not overnight? ..... 2

none of the above .... 3

**36** In the last 12 months, have you yourself used a **private** accident and emergency clinic, or doctor's after hours clinic?

- yes ..... 1
- no ..... 2
- don' t know .....

**37** Has R used any health services?  
(Questions 23, 26, 32, 34, 36)

yes ..... 1  → Q38

no ..... 2  → Q39

**38** Overall, how do you feel about how you have been looked after by the people you have seen for health care or advice, in the last 12 months?

**Showcard 38**

very satisfied ..... 1

satisfied ..... 2

neither satisfied nor  
dissatisfied ..... 3

dissatisfied ..... 4

very dissatisfied ... 5

don't know .....

**39** In the last 12 months, have you ever found it hard to find out who to go to, or what help you could get, for a health problem or disability?

yes ..... 1

no ..... 2

don't know .....

**40** In the last 12 months, have you had any prescription items **for yourself** from the chemist, including any prescription that you might have already told me about?

yes ..... 1

no ..... 2  → Q42

don't know .....  → Q42

**41** How many items? If a doctor writes one prescription for several items count each item separately, also count each repeated prescription separately.

**Showcard 41**

1 or 2 items ..... 1

3 or 4 items ..... 2

5 to 9 items ..... 3

10 to 14 items ..... 4

15 or more items ... 5

don't know .....

**42** In the last 12 months, has there been any time that you got a prescription for yourself but didn't collect one or more of the items from the chemist?

- yes ..... 1
- no ..... 2  → Q44
- don't know .....  → Q44

**44** In the last 12 months, have you had an injury for which you received medical treatment, including any treatment you might already have told me about?

- yes ..... 1
- no ..... 2  → Q46
- don't know .....  → Q46

**43** The last time this happened, what was the reason you didn't collect the items?

- Probe: Any other reason?
- Repeat probe until no other reason.
- Tick all that apply

cost too much ..... 1

will pick up medication if really need to/  
doctor wrote prescription just in case ..... 2

don't like taking drugs . 3

condition got better by itself ..... 4

thought medicine wouldn't work/  
medicine makes it worse .. 5

forgot/  
couldn't be bothered .. 6

other - specify ..... 7

\_\_\_\_\_

don't know .....

**45** Did any of the injuries that you received medical treatment for:

Tick all that apply

involve a car, bus, motorbike, pushbike, boat or other form of transport? ..... 1

involve you getting burnt or scalded? ..... 2

happen because you fell? ..... 3

happen because someone meant to hurt you at the time? .... 4

happen while you were taking part in a sport or game?  
- specify ..... 5

\_\_\_\_\_

none of the above ..... 6

**46** In the last 12 months, have you consumed or been exposed to poison for which you received medical treatment, including treatment you might already have told me about?

- yes ..... 1
- no ..... 2
- don't know .....

**47** Has R answered yes to Q44 or Q46?

- yes to either Q44 or Q46 1  → **Q48**
- no/DK to both Q44 & Q46 2  → **Q51**

**48** Did any of the (injuries (or) poisonings) happen:

Tick all that apply

- at work? ..... 1
- at your home or someone else's home? ..... 2
- none of the above ... 3

**49** Who did you get medical treatment from for the (injuries (or) poisonings)?

Tick all that apply

**Showcard 49**

- accident and emergency staff ..... 1
- GP or family doctor (not at a hospital) .. 2
- nurse(not at a hospital) 3
- physiotherapist ..... 4
- pharmacist/chemist ... 5
- St John's Ambulance/ first aid ..... 6
- someone else - specify 7
- \_\_\_\_\_
- don't know .....

**50** Were you admitted to hospital for any of the (injuries (or) poisonings)?

- yes ..... 1
- no ..... 2
- don't know .....

**51** Do you smoke one or more tobacco cigarettes a day?

- yes ..... 1
- no ..... 2  → Q54
- don't know .....  → Q54

**52** About how many cigarettes do you smoke in an average day?

- 1 to 10 a day? ..... 1
- 11 to 20 a day? ..... 2
- 21 to 30 a day? ..... 3
- 31 or more a day? ..... 4
- don't know .....

**53** Which of these statements best describes you **now**? (tick only one)

**Showcard 53**

- I have no thoughts of quitting smoking .. 1  → Q57
- I think I need to consider quitting smoking someday ..... 2  → Q57
- I think I should quit smoking but I'm not quite ready ..... 3  → Q57
- I think about doing things that will help me quit smoking ..... 4  → Q57
- I'm doing things that will help me quit smoking ..... 5  → Q57
- don't know .....  → Q57

**54** Generally, if someone has been smoking cigarettes near you, how would you say you find the smoke?

**Showcard 54**

- enjoyable on the whole .. 1
- does not bother me ... 2
- bothers me slightly .. 3
- bothers me a lot .... 4
- don't know .....

**55** Have you ever been a regular smoker of one or more cigarettes per day?

- yes ..... 1
- no ..... 2  → Q58
- don't know .....  → Q58

**56** At what age did you last regularly smoke one or more cigarettes per day?

- age .....
- don't know .....

**57** At what age did you start regularly smoking one or more cigarettes per day?

- age .....
- don't know .....

**58** Does anyone (including yourself) smoke cigarettes inside your home every day or most days?

- yes ..... 1
- no ..... 2
- don't know .....

**59** In the last 7 days, which of these have you done for enjoyment or exercise?

Tick all that apply

Showcard 59

**60** How many times in the last 7 days did you ...?

**61** In total, for the last 7 days, how much time did you spend ...?

**62** In the last 7 days, did ... make you breathe hard or sweat?

			minutes	
a) walking .....	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
b) swimming .....	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
c) gardening .....	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
d) cycling or mountain biking.	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
e) running or jogging .....	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
f) aerobics .....	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
g) gym exercises or weight training	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
h) exercising at home .....	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
i) tennis .....	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
j) bowls .....	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
k) golf .....	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
l) netball .....	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
m) rugby .....	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
n) cricket .....	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
o) yachting or sailing .....	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
another sport or physical activity - specify				
p) _____	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
q) _____	1 <input type="radio"/>	...	<input type="text"/> <input type="text"/>	.. 1 <input type="radio"/>
r) none of the above .....	1 <input type="radio"/>			

**63** In the last 12 months, have any of these things affected your health?

Tick all that apply

**Showcard 63**

- air pollution ..... 1
- contaminated drinking water ..... 2
- pollution of rivers and ocean ..... 3
- waste disposal ..... 4
- chemical use ..... 5
- noise ..... 6
- radiation ..... 7
- poor quality housing . 8
- global warming ..... 9
- other - specify .... 10

\_\_\_\_\_

none of the above .. 11

don' t know .....

**64** Are you covered by any health or medical insurance scheme?

- yes ..... 1
- no ..... 2  → Q66
- don' t know .....  → Q66

**65** And who pays for this health or medical insurance?

- self or family members .. 1
- partly self or family and partly employer .. 2
- paid for by employer or employer of family member ..... 3
- paid for by some other person or agency ..... 4
- don' t know.....

**66** In the last 12 months, have you or your family held a:

Tick all that apply

Community Services Card? ..... 1

Hospital Services Card, so that you didn't have to pay any more charges on public hospital outpatient visits? ..... 2

Count only endorsed cards where a family has reached the exemption limit of 5 visits

Prescription Subsidy Card, so that you didn't have to pay any more charges on prescription items? ..... 3

Count only endorsed cards where a family has reached the exemption limit of 20 prescription items

none of the above ..... 4

don't know .....

**67** In the last 12 months, have you held a High Use Health Card?

yes ..... 1

no ..... 2

don't know .....

**68** This last section of questions are some general questions about you and your household.

Do you have a secondary school qualification?

yes ..... 1

no ..... 2  → Q70

don't know .....  → Q70

**69** What is your highest secondary school qualification?

**Showcard 69**

NZ school certificate ... 1

NZ sixth form certificate .. 2

NZ higher school certificate ... 3

NZ university bursary or entrance or scholarship .... 4

other NZ secondary school qualification ..... 5

overseas secondary

school qualification .... 6

don't know .....

**70** Do you have any other qualification, such as a trade certificate, a diploma or a degree, that you had to pass a course lasting at least 3 months full-time or the equivalent to get?

Don't count part of an unfinished qualification

- yes ..... 1
- no ..... 2  → Q72
- don't know .....  → Q72

**71** Which of these qualifications do you have?

Tick all that apply

**Showcard 71**

- trade certificate/  
advanced trade certificate .. 1
  - nursing certificate  
or diploma..... 2
  - NZ certificate or diploma ... 3
  - technicians certificate ..... 4
  - local polytech  
certificate or diploma ..... 5
  - teacher's certificate  
or diploma..... 6
  - university certificate or  
diploma below bachelor level. 7
  - bachelor's degree ..... 8
  - postgraduate degree,  
certificate or diploma ..... 9
  - other qualification - specify ... 10
- \_\_\_\_\_

**72** Are you currently enrolled as a full-time student?

- yes ..... 1
- no ..... 2
- don't know .....

**73** In the last 12 months, have you received any of these types of income support?

Tick all that apply

**Showcard 73**

- NZ superannuation  
(National Super) .... 1
- family support ..... 2
- unemployment benefit . 3
- domestic purposes  
benefit ..... 4
- sickness or invalids  
benefit ..... 5
- student allowance ... 6
- other government benefits  
(disability allowance,  
war pension, etc.) .. 7
- none of the above ... 8
- don't know .....

**74** In the last 7 days:

Tick all that apply

did you work for pay, profit or income for an hour or more? ..... 1  → Q77

did you work in a family business or family farm without pay? ..... 2  → Q77

do you work in a job, business or farm, but you were absent for some reason last week ..... 3  → Q77

none of the above ... 4

**75** Did you look for paid work in the last 4 weeks?

yes ..... 1

no ..... 2  → Q82

don't know .....  → Q82

**76** Which of these ways did you look for paid work in the last 4 weeks?

Tick all that apply

**Showcard 76**

looked at job advertisements in the newspapers ..... 1  → Q82

wrote, phoned or applied in person to an employer 2  → Q82

contacted Dept of Labour's NZ EmploymentService to look for a job ..... 3  → Q82

contacted friends or relatives for help in finding a job ..... 4  → Q82

contacted career advisers or vocational guidance officers ..... 5  → Q82

other methods - specify . 6  → Q82

\_\_\_\_\_

**77** In the last 7 days, did you have one job or more than one job?

Count any job for pay profit or income, and any job in a family business or family farm, without pay.

one job ..... 1  → Q78

more than one job ... 2  → Q79

**80** What is your current occupation (in the job you work the most hours in)?

\_\_\_\_\_

**78** How many hours do you usually work each week?

hours .....   → Q80

**81** What tasks or duties do you spend the most time on (in the job you work the most hours in)?

\_\_\_\_\_

**79** How many hours do you usually work each week:

a) in the job you work most hours in?

hours .....

b) in any other jobs?

hours .....

**82** What would be the total income that you yourself got from all sources, before tax or anything was taken out of it, in the last 12 months?

**Showcard 82**

- Loss/Zero ..... 1
- \$1 - \$5,000 ..... 2
- \$5,001 - \$10,000 ... 3
- \$10,001 - \$15,000 ... 4
- \$15,001 - \$20,000 ... 5
- \$20,001 - \$25,000 ... 6
- \$25,001 - \$30,000 ... 7
- \$30,001 - \$40,000 ... 8
- \$40,001 - \$50,000 ... 9
- \$50,001 - \$70,000 .. 10
- \$70,001 - \$100,000 . 11
- \$100,001 or more ... 12
- don't know .....

**83** What would be the total income, that (list names of people in the same family from the household form) got from all sources, before tax or anything was taken out of it, in the last 12 months?

**Showcard 82**

- Loss/Zero ..... 1
- \$1 - \$5,000 ..... 2
- \$5,001 - \$10,000 ... 3
- \$10,001 - \$15,000 ... 4
- \$15,001 - \$20,000 ... 5
- \$20,001 - \$25,000 ... 6
- \$25,001 - \$30,000 ... 7
- \$30,001 - \$40,000 ... 8
- \$40,001 - \$50,000 ... 9
- \$50,001 - \$70,000 .. 10
- \$70,001 - \$100,000 . 11
- \$100,001 or more ... 12
- don't know .....

**84** How many of each of the following rooms are available in this dwelling for your household's use?

Count open-plan rooms such as kitchen-lounge as 2 rooms. Don't count bathrooms, showers, toilets, laundries, spa rooms, pantries, halls, garages.

bedrooms - counting any rooms furnished as bedrooms and any sleepout or caravan used as a bedroom? .....

kitchens? .....

lounges or living rooms? .

dining rooms? .....

other rooms such as rumpus rooms, family rooms, studies, hobby rooms etc? .....

Reference number R

Person number

## New Zealand Health Survey 1996-97 General Health Questionnaire

The information recorded on this questionnaire is subject to the confidentiality provisions of the Statistics Act, 1975.

### What this questionnaire is about

This questionnaire asks for your views about your health, how you feel and how well you are able to do your usual activities.

### How to fill in this questionnaire

- If you are unsure about how to answer a question, give the best answer you can.
- Do not discuss your answers while completing this form.
- Answer the questions by ticking the circle next to the answer that applies to you.
- Please check that you have answered all the questions, as the interviewer will not look at this questionnaire at all.
- If you would like an envelope to put this in, before you give it back to the interviewer, just ask.

## General Health

**1** In general, would you say your health is:

- 1  excellent
- 2  very good
- 3  good
- 4  fair
- 5  poor

**2** Tick as many circles as you need to answer this question.

Does a health problem, or a condition, you have (lasting 6 months or more) cause you difficulty with, or stop you doing:

- 1  everyday activities that people your age can usually do?
- 2  communicating, mixing with others or socialising?
- 3  any other activity that people your age can usually do?

OR

- 4  no difficulty with any of these

**3** Do you have any disability or handicap that is long-term (lasting 6 months or more)?

- 1  yes
- 2  no

## Health & Daily Activities

**4** Compared to one year ago, how would you rate your health in general **now**?

- 1  much better now than one year ago
- 2  somewhat better now than one year ago
- 3  about the same as one year ago
- 4  somewhat worse now than one year ago
- 5  much worse now than one year ago

**5** The following questions are about activities you might do during a typical day.

Does **your health now limit you** in these activities? If so, how much?

**a) vigorous activities**, such as running, lifting heavy objects, participating in strenuous sports

- 1  yes, limited a lot
- 2  yes, limited a little
- 3  no, not limited at all

**b) moderate activities**, such as moving a table, pushing a vacuum cleaner, bowling or playing golf

- 1  yes, limited a lot
- 2  yes, limited a little
- 3  no, not limited at all

**c) lifting or carrying groceries**

- 1  yes, limited a lot
- 2  yes, limited a little
- 3  no, not limited at all

**d) climbing **several** flights of stairs**

- 1  yes, limited a lot
- 2  yes, limited a little
- 3  no, not limited at all

**e) climbing **one** flight of stairs**

- 1  yes, limited a lot
- 2  yes, limited a little
- 3  no, not limited at all

**f) bending, kneeling or stooping**

- 1  yes, limited a lot
- 2  yes, limited a little
- 3  no, not limited at all

**g) walking **more than one kilometre****

- 1  yes, limited a lot
- 2  yes, limited a little
- 3  no, not limited at all

**h) walking **half a kilometre****

- 1  yes, limited a lot
- 2  yes, limited a little
- 3  no, not limited at all

**i) walking **100 metres****

- 1  yes, limited a lot
- 2  yes, limited a little
- 3  no, not limited at all

**j) bathing or dressing yourself**

- 1  yes, limited a lot
- 2  yes, limited a little
- 3  no, not limited at all

**6**

During the **past 4 weeks**, have you had any of the following problems with your work or other regular daily activities, **as a result of your physical health?**

**a) cut down on the **amount of time** you spent on work or other activities**

- 1  yes
- 2  no

**b) **accomplished less** than you would like**

- 1  yes
- 2  no

**c) were limited in the **kind** of work or other activities**

- 1  yes
- 2  no

**d) had **difficulty** performing the work or other activities (for example, it took extra effort)**

- 1  yes
- 2  no

**7** During the **past 4 weeks**, have you had any of the following problems with your work or other regular daily activities **as a result of any emotional problems** (such as feeling depressed or anxious)?

**a)** cut down the **amount of time** you spent on work or other activities

- 1  yes  
2  no

**b)** **accomplished less than** you would like

- 1  yes  
2  no

**c)** didn't do work or other activities as **carefully** as usual

- 1  yes  
2  no

**8** During the **past 4 weeks**, to what extent has your physical health or emotional problems interfered with your normal social activities with family, friends, neighbours, or groups?

- 1  not at all  
2  slightly  
3  moderately  
4  quite a bit  
5  extremely

**9** How much **bodily** pain have you had during the **past 4 weeks**?

- 1  no bodily pain  
2  very mild  
3  mild  
4  moderate  
5  severe  
6  very severe

**10** During the **past 4 weeks**, how much did **pain** interfere with your normal work (including both work outside the home and housework)?

- 1  not at all  
2  a little bit  
3  moderately  
4  quite a bit  
5  extremely

## Your Feelings

**11** These questions are about how you feel and how things have been with you **during the past 4 weeks**.

For each question, please give the one answer that comes closest to the way you have been feeling.

How much of the time during the **past 4 weeks**:

**a)** did you feel full of life?

- 1  all of the time  
2  most of the time  
3  a good bit of the time  
4  some of the time  
5  a little of the time  
6  none of the time

**b)** have you been a very nervous person?

- 1  all of the time
- 2  most of the time
- 3  a good bit of the time
- 4  some of the time
- 5  a little of the time
- 6  none of the time

**c)** have you felt so down in the dumps that nothing could cheer you up?

- 1  all of the time
- 2  most of the time
- 3  a good bit of the time
- 4  some of the time
- 5  a little of the time
- 6  none of the time

**d)** have you felt calm and peaceful?

- 1  all of the time
- 2  most of the time
- 3  a good bit of the time
- 4  some of the time
- 5  a little of the time
- 6  none of the time

**e)** did you have a lot of energy?

- 1  all of the time
- 2  most of the time
- 3  a good bit of the time
- 4  some of the time
- 5  a little of the time
- 6  none of the time

**f)** have you felt down?

- 1  all of the time
- 2  most of the time
- 3  a good bit of the time
- 4  some of the time
- 5  a little of the time
- 6  none of the time

**g)** did you feel worn out?

- 1  all of the time
- 2  most of the time
- 3  a good bit of the time
- 4  some of the time
- 5  a little of the time
- 6  none of the time

**h)** have you been a happy person?

- 1  all of the time
- 2  most of the time
- 3  a good bit of the time
- 4  some of the time
- 5  a little of the time
- 6  none of the time

**i)** did you feel tired?

- 1  all of the time
- 2  most of the time
- 3  a good bit of the time
- 4  some of the time
- 5  a little of the time
- 6  none of the time

**12** During the **past 4 weeks**, how much of the time has your **physical health or emotional problems** interfered with your social activities (like visiting with friends, relatives, etc)?

- 1  all of the time
- 2  most of the time
- 3  some of the time
- 4  a little of the time
- 5  none of the time

### Your Health in General

**13** How TRUE or FALSE is **each** of the following statements for you?

**a)** I seem to get sick a little easier than other people

- 1  definitely true
- 2  mostly true
- 3  don't know
- 4  mostly false
- 5  definitely false

**b)** I am as healthy as anybody I know

- 1  definitely true
- 2  mostly true
- 3  don't know
- 4  mostly false
- 5  definitely false

**c)** I expect my health to get worse

- 1  definitely true
- 2  mostly true
- 3  don't know
- 4  mostly false
- 5  definitely false

**d)** my health is excellent

- 1  definitely true
- 2  mostly true
- 3  don't know
- 4  mostly false
- 5  definitely false

### Alcohol

The following questions are about alcohol consumption.

As a guide, a drink is:

- a can or small bottle of beer (a third of a pub jug)
- a small glass of wine
- a nip of spirits (a 'single' in a pub)

**14** Have you had a drink containing alcohol in the last year?

- 1  yes → **Go to 15**
- 2  no → **Go to 25**
- 3  don't know → **Go to 25**

**15** How often do you have a drink containing alcohol?

- 1  monthly or less
- 2  2 to 4 times a month
- 3  2 to 3 times a week
- 4  4 or more times a week

**16** How many drinks containing alcohol do you have on a typical day when you are drinking?

- 1  1 or 2
- 2  3 or 4
- 3  5 or 6
- 4  7 to 9
- 5  10 or more

**17** How often do you have six or more drinks on one occasion?

- 1  never
- 2  less than monthly
- 3  monthly
- 4  weekly
- 5  daily or almost daily

**18** How often during the last year have you found that you were not able to stop drinking once you had started?

- 1  never
- 2  less than monthly
- 3  monthly
- 4  weekly
- 5  daily or almost daily

**19** How often during the last year have you failed to do what was normally expected from you because of drinking?

- 1  never
- 2  less than monthly
- 3  monthly
- 4  weekly
- 5  daily or almost daily

**20** How often during the last year have you needed a first drink in the morning to get yourself going after a heavy drinking session?

- 1  never
- 2  less than monthly
- 3  monthly
- 4  weekly
- 5  daily or almost daily

**21** How often during the last year have you had a feeling of guilt or remorse after drinking?

- 1  never
- 2  less than monthly
- 3  monthly
- 4  weekly
- 5  daily or almost daily

**22** How often during the last year have you been unable to remember what happened the night before because you had been drinking?

- 1  never
- 2  less than monthly
- 3  monthly
- 4  weekly
- 5  daily or almost daily

**23** Have you or someone else been injured as a result of your drinking?

- 1  no
- 2  yes, but not in the last year
- 3  yes, during the last year

**24** Has a relative or friend, or a doctor or other health worker, been concerned about your drinking or suggested you cut down?

- 1  no
- 2  yes, but not in the last year
- 3  yes, during the last year

**25** Thank you for your cooperation.  
Please return the questionnaire to the interviewer.  
Remember you can ask for an envelope to put it into if you wish.

Reference number R

Person number

## New Zealand Health Survey 1996-97 Child Questionnaire

The information recorded on this questionnaire is subject to the confidentiality provisions of the Statistics Act, 1975.

Assisted - health  1  
Assisted - language  1  
Assisted - caregiver  1

**1** Now some questions about ...

Is ...:

a male? ..... 1

a female? ..... 2

**2** (Can you remind me ) how old was ... at his/her last birthday?

age .....

**3** (and) which ethnic group or groups does ... belong to?

Tick all that apply

**Showcard 3**

NZ European/Pakeha .. 1

other European ..... 2

NZ Maori ..... 3

Samoan ..... 4

Cook Island Maori ... 5

Tongan ..... 6

Niuean ..... 7

Tokelauan ..... 8

Fijian ..... 9

other Pacific Island groups ..... 10

Southeast Asian .... 11

Chinese ..... 12

Indian ..... 13

other Asian ..... 14

other ethnic groups 15

**4** Does a health problem or a condition, lasting 6 months or more, cause ... difficulty with or stop him/her doing:

Tick all that apply

everyday activities that people his/her age can usually do? ... 1

communicating, mixing with others or socialising? .. 2

any other activity that people his/her age can usually do? ... 3

none of the above ... 4

**5** Does ... have any disability or handicap that is long-term, lasting 6 months or more?

yes ..... 1

no ..... 2

don' t know .....

**6** In the last 12 months, has ... seen a doctor or been visited by a doctor? By 'doctor' I mean any GP or family doctor, but not a specialist.

yes ..... 1

no ..... 2  → Q13

don' t know .....  → Q13

**7** How many times?

**Showcard 7**

- 1 time ..... 1
- 2 times ..... 2
- 3 to 5 times ..... 3
- 6 to 11 times ..... 4
- 12 times or more .... 5
- don't know .....

**8** The last time ... saw a GP or family doctor, was it:

- within the last 4 weeks? .... 1
- within the last 3 months? .... 2
- within the last 6 months? .... 3
- within the last 12 months? .. 4
- don't know .....

**9** The last time ... saw a GP or family doctor, was it for:

Tick all that apply

- a disability, long-term illness or chronic condition? ..... 1
- an injury or poisoning? ..... 2
- immunisation or vaccination? .. 3
- a short-term illness or temporary condition? ..... 4
- any other routine check-up or health advice? ..... 5
- something else? - specify 6

\_\_\_\_\_ don't know .....

**10** Was that visit covered by ACC?

Tick yes if awaiting confirmation from ACC

- yes ..... 1
- no ..... 2
- don't know .....

**11** What did the doctor charge for that visit? Was it:

- free? ..... 1
- less than 10 dollars? ..... 2
- less than 20 dollars? ..... 3
- less than 30 dollars? ..... 4
- less than 40 dollars? ..... 5
- 40 dollars or more? ..... 6
- other arrangement - specify 7

\_\_\_\_\_ don't know .....

**12** Did the doctor write ... a prescription at that visit?

- yes ..... 1
- no ..... 2
- don't know .....

**13** In the last 12 months, has there been any time when ... needed to see a GP or family doctor but didn't get to see any doctor at all?

- yes ..... 1
- no ..... 2  → Q15
- don't know .....  → Q15

**14** The last time that happened, what was the reason?

- Probe: Any other reason?
- Repeat probe until no other reason.
- Tick all that apply

- costs too much ..... 1
- couldn't get an appointment soon enough/  
at a suitable time/  
it was after hours ..... 2
- couldn't spare the time .... 3
- didn't want to make a fuss/  
couldn't be bothered ... 4
- had no transport to get there ..... 5
- couldn't get in touch with the doctor ..... 6
- other - specify ..... 7
  
- \_\_\_\_\_
- don't know .....

**15** In the last 12 months, has ... seen a medical specialist? By medical specialist I mean the kind of doctor people go to for a particular condition, problem or service, not a GP.

- yes ..... 1
- no ..... 2  → Q18
- don't know .....  → Q18

**16** The last time ... saw a specialist, was it:

- within the last 4 weeks? ..... 1
- within the last 3 months? ..... 2
- within the last 6 months? ..... 3
- within the last 12 months? ..... 4
- don't know .....

**17** The last time ... saw a specialist, was it at a:

- public hospital? ..... 1
- specialist's private rooms or clinic? ..... 2
- private hospital? ..... 3

**18** In the last 12 months, has ... seen any of the following people for health care or advice:

Tick all that apply

- a) GP's practice nurse, without also seeing the doctor ..... 1  ..... 1 time----- 1  ..... 1
- 2 times----- 2
- 3 to 5 times -- 3
- 6 to 11 times - 4
- 12 times or more 5
- don' t know----
- b) plunket, district, public health or other nurse? . 1  ..... 1
- c) chemist or pharmacist, for health advice or getting medication only? ..... 1  ..... 1
- d) physiotherapist? ..... 1  ..... 1
- e) dentist or dental nurse? ..... 1  ..... 1
- f) optician or optometrist? ..... 1  ..... 1
- g) chiropractor or osteopath? ..... 1  ..... 1
- h) podiatrist or chiropodist? ..... 1  ..... 1
- i) alternative therapist such as a naturopath, homeopath, iridologist or acupuncturist? .. 1  ..... 1
- j) social worker, psychologist or counsellor? .. 1  ..... 1
- k) occupational or speech therapist? ..... 1  ..... 1
- l) traditional healer such as tohunga, rongoa Maori specialist or fofo? ..... 1  ..... 1
- m) Maori health worker, Pacific Island health worker? ..... 1  ..... 1
- any other therapist, healer or health worker?  
- specify
- n) \_\_\_\_\_ ..... 1  ..... 1
- o) \_\_\_\_\_ ..... 1  ..... 1
- p) none of the above ..... 1

**19** How many times?

Showcard 7

**20** Was that within the last 4 weeks?

**21** In the last 12 months, has there been any time when ... needed to see any of these health professionals for health care or advice but wasn't able to?

**Showcard 21**

- yes ..... 1   
 no ..... 2  → Q24  
 don't know .....  → Q24

**22** The last time that happened, who did ... need to see? (tick only one)

**Showcard 21**

- medical specialist ..... 1   
 GP's practice nurse .... 2   
 plunket, district, public health or other nurse .. 3   
 chemist/pharmacist ..... 4   
 physiotherapist ..... 5   
 dentist/dental nurse ... 6   
 optician/optometrist ... 7   
 chiropractor/osteopath. 8   
 podiatrist/chiroprapist. 9   
 alternative therapist such as naturopath, homeopath, iridologist, acupuncturist ..... 10   
 social worker, psychologist or counsellor ..... 11   
 occupational/speech therapist ..... 12   
 traditional healer - tohunga, rongoa Maori specialist or fofo ..... 13   
 Maori health worker, Pacific Island health worker ..... 14   
 other therapist, healer or health worker - specify .... 15   
 \_\_\_\_\_

**23** What was the reason ... didn't get to see a ... on this occasion?

- Probe: Any other reason?
- Repeat probe until no other reason.
- Tick all that apply

costs too much ..... 1

couldn't get an appointment soon enough/  
 at a suitable time/  
 it was after hours ..... 2

couldn't spare the time . 3

didn't want to make a fuss/  
 couldn't be bothered .... 4

had no transport to get there ..... 5

couldn't get in touch with health professional ..... 6

other - specify ..... 7

\_\_\_\_\_ don't know .....

**24** In the last 12 months, has ... used a service at, or been admitted to, a **public** hospital?

- yes ..... 1
- no ..... 2  → Q26
- don't know .....  → Q26

**26** In the last 12 months, has ... used a service at, or been admitted to, a **private** hospital?

- yes ..... 1
- no ..... 2  → Q28
- don't know .....  → Q28

**25** In the last 12 months, at a **public** hospital:

Tick all that apply

- did ... use the accident and emergency department? ..... 1
- did ... use an outpatients department, that is, a ward or clinic or specialist where he/she went as an outpatient? ..... 2
- was ... admitted as an inpatient, that is, stayed as a patient overnight? ..... 3
- was ... admitted for day treatment, that is, day surgery or medical care for which he/she had to stay in hospital for more than 3 hours but not overnight? ..... 4
- none of the above ..... 5

**27** In the last 12 months, at a **private** hospital:

Tick all that apply

- was ... admitted as an inpatient, that is, stayed as a patient overnight? ..... 1
- was ... admitted for day treatment, that is, day surgery or medical care for which he/she had to stay in hospital for more than 3 hours but not overnight? ..... 2
- none of the above ..... 3

**28** In the last 12 months, has ... used a private accident and emergency clinic, or doctor's after hours clinic?

- yes ..... 1
- no ..... 2
- don't know .....

**29** In the last 12 months, has ... had any prescription items from the chemist, including any prescriptions that you might have already told me about?

- yes ..... 1
- no ..... 2  → Q31
- don't know .....  → Q31

**30** How many items? If a doctor writes one prescription for several items count each item separately, also count each repeated prescription separately.

**Showcard 30**

- 1 or 2 items ..... 1
- 3 or 4 items ..... 2
- 5 to 9 items ..... 3
- 10 to 14 items ..... 4
- 15 or more items .... 5
- don't know .....

**31** In the last 12 months, has there been any time that ... got a prescription but one or more items weren't collected from the chemist?

- yes ..... 1
- no ..... 2  → Q33
- don't know .....  → Q33

**32** The last time this happened, what was the reason the items weren't collected?

- Probe: Any other reason?
- Repeat probe until no other reason.
- Tick all that apply

cost too much ..... 1

will pick up medication if really need to/ doctor wrote prescription just in case ..... 2

doesn't like taking drugs . 3

condition got better by itself ..... 4

thought medicine wouldn't work/ medicine makes it worse ..... 5

forgot/ couldn't be bothered ..... 6

other - specify ..... 7

\_\_\_\_\_ don't know .....

**33** In the last 12 months, has ... had an injury for which he/she received medical treatment, including any treatment you might already have told me about?

- yes ..... 1
- no ..... 2  → Q35
- don't know .....  → Q35

**34** Did any of the injuries that ... received medical treatment for:

Tick all that apply

- involve a car, bus, motorbike, pushbike, boat or other form of transport? ..... 1
- involve ... getting burnt or scalded? ..... 2
- happen because ... fell? .... 3
- happen because someone meant to hurt ... at the time? .. 4
- happen while ... was taking part in a sport or game? - specify .... 5
- \_\_\_\_\_
- none of the above ..... 6

**35** In the last 12 months, has ... consumed or been exposed to poison for which he/she received medical treatment, including any treatment you might already have told me about?

- yes ..... 1
- no ..... 2
- don't know .....

**36** Has R answered yes to Q33 or Q35?

- yes to either Q33 or Q35 1  → Q37
- no/DK to both Q33 & Q35 2  → Q40

**37** Did any of the (injuries (or) poisonings) happen:

Tick all that apply

- at school? ..... 1
- at his/her home or someone else's home? ..... 2
- none of the above ... 3

**38** Who did ... get medical treatment from for the (injuries (or) poisonings)?

Tick all that apply

**Showcard 38**

- accident and emergency staff ..... 1
- GP or family doctor (not at a hospital) .. 2
- nurse(not at a hospital) 3
- physiotherapist ..... 4
- pharmacist/chemist ... 5
- St John's Ambulance/ first aid ..... 6
- someone else - specify 7
- \_\_\_\_\_

don't know .....

**39** Was ... admitted to hospital for any of the (injuries (or) poisonings)?

- yes ..... 1
- no ..... 2
- don't know .....

**40** Is ... covered by any health or medical insurance scheme?

- yes ..... 1
- no ..... 2  → Q42
- don't know .....  → Q42

**41** And who pays for this health or medical insurance?

- family members ..... 1
- partly family/  
partly employer of  
family member ..... 2
- employer of family  
member ..... 3
- paid for by some  
other person  
or agency ..... 4
- don't know .....

**42** In the last 12 months, has ... held a High Use Health Card?

- yes ..... 1
- no ..... 2
- don't know .....

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