Section 5:

Appendices
250 Taking the Pulse
## Appendix 1: Demographic Characteristics of Sample

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

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

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

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

<table>
<thead>
<tr>
<th></th>
<th>Current smokers</th>
<th>Ex-smokers</th>
<th>Never smoked</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>% (95% CI)</td>
<td>% (95% CI)</td>
<td>% (95% CI)</td>
<td>Unadj</td>
<td>Adj*</td>
<td>Unadj</td>
<td>Adj*</td>
</tr>
<tr>
<td></td>
<td>Pop est</td>
<td>Pop est</td>
<td>Pop est</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>24.9 (23.5–26.3)</td>
<td>24.9 (23.5–26.3)</td>
<td>50.2 (48.6–51.8)</td>
<td>701,351</td>
<td>702,767</td>
<td>1,413,946</td>
<td></td>
</tr>
<tr>
<td>Sex</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>26.5 (24.5–28.5)</td>
<td>26.4 (24.4–28.4)</td>
<td>27.0 (25.0–29.0)</td>
<td>363,189</td>
<td>364,026</td>
<td>642,813</td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>23.4 (21.8–25.0)</td>
<td>23.4 (21.6–25.2)</td>
<td>23.3 (21.5–25.1)</td>
<td>338,162</td>
<td>338,741</td>
<td>771,134</td>
<td></td>
</tr>
</tbody>
</table>

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.
Appendix 3: Psychometric Properties of SF-36

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

<table>
<thead>
<tr>
<th>Scale</th>
<th>Physical Functioning</th>
<th>Role Physical</th>
<th>Bodily Pain</th>
<th>General Health</th>
<th>Vitality</th>
<th>Social Functioning</th>
<th>Role Emotional</th>
<th>Mental Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Functioning</td>
<td>94.8</td>
<td>97.7</td>
<td>96.8</td>
<td>97.3</td>
<td>96.8</td>
<td>96.5</td>
<td>97.5</td>
<td></td>
</tr>
<tr>
<td>Role Physical</td>
<td>96.8</td>
<td>97.7</td>
<td>96.8</td>
<td>97.3</td>
<td>96.8</td>
<td>96.5</td>
<td>97.5</td>
<td></td>
</tr>
<tr>
<td>Bodily Pain</td>
<td>96.8</td>
<td>97.7</td>
<td>96.8</td>
<td>97.3</td>
<td>96.8</td>
<td>96.5</td>
<td>97.5</td>
<td></td>
</tr>
<tr>
<td>General Health</td>
<td>96.8</td>
<td>97.7</td>
<td>96.8</td>
<td>97.3</td>
<td>96.8</td>
<td>96.5</td>
<td>97.5</td>
<td></td>
</tr>
<tr>
<td>Vitality</td>
<td>96.8</td>
<td>97.7</td>
<td>96.8</td>
<td>97.3</td>
<td>96.8</td>
<td>96.5</td>
<td>97.5</td>
<td></td>
</tr>
<tr>
<td>Social Functioning</td>
<td>96.8</td>
<td>97.7</td>
<td>96.8</td>
<td>97.3</td>
<td>96.8</td>
<td>96.5</td>
<td>97.5</td>
<td></td>
</tr>
<tr>
<td>Role Emotional</td>
<td>96.8</td>
<td>97.7</td>
<td>96.8</td>
<td>97.3</td>
<td>96.8</td>
<td>96.5</td>
<td>97.5</td>
<td></td>
</tr>
<tr>
<td>Mental Health</td>
<td>96.8</td>
<td>97.7</td>
<td>96.8</td>
<td>97.3</td>
<td>96.8</td>
<td>96.5</td>
<td>97.5</td>
<td></td>
</tr>
</tbody>
</table>

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

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

* All statistics weighted to adjust for the complex sampling scheme.
Figure 120: Frequency distributions of SF-36 scale scores
Appendix 4: Survey Forms

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 ☐️
  - Assisted - translation ☐️

**Child questionnaire**

- Participation code

**General health questionnaire**

- Assisted - health ☐️
- Assisted - reading ☐️
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

   - 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
   - don’t know ........... 3

5. How old were you when diabetes was first diagnosed?
   - age .............. [ ] [ ] [ ]
   - don’t know ........... 0

6. What treatments do you now have for your diabetes?
   Tick all that apply

   - no treatment ........ 1
   - insulin injections .. 2
   - tablets or capsules .. 3
   - diet .................... 4
   - exercise ............... 5
   - other - specify ....... 6

   - don’t know ........... 0
7 Have you ever taken pills regularly for high blood pressure (other than during pregnancy)?
   yes .................. 1
   no .................. 2
   don’t know ........... 3
   Q9

8 Are you currently taking pills regularly for high blood pressure?
   yes .................. 1
   no .................. 2
   don’t know ........... 0

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 ........... 0

10 In the last 12 months, have you had an attack of asthma?
   yes .................. 1
   no .................. 2
   don’t know ........... 0

11 Are you currently taking any medicine for asthma, including inhalers, aerosols or tablets?
   yes .................. 1
   no .................. 2
   don’t know ........... 0
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

don’t know ........... 0

13 How many times?

1 time .............. 1
2 times ............. 2
3 to 5 times ...... 3
6 to 11 times .... 4
12 times or more.. 5

don’t know ........... 0

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 ........... 0

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 ........... 0

16 Was that visit covered by ACC?

Tick yes if awaiting confirmation from ACC

yes .................. 1

no .................. 2

don’t know ........... 0
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 ?

- 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?

- very satisfied ...... 1
- satisfied ........... 2
- neither satisfied nor dissatisfied .... 3
- dissatisfied ........ 4
- very dissatisfied ... 5
- don’t know .............

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
don’t know 

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
don’t know 

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:

public hospital 1
specialist’s private rooms or clinic 2
private hospital 3
don’t know 

**Appendix 4**

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

Tick all that apply

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

Was that within the last 4 weeks?

**Showcard 27**
### Question 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?

<table>
<thead>
<tr>
<th>Option</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>No</td>
<td>2</td>
</tr>
<tr>
<td>Don’t know</td>
<td>2</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Option</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical specialist</td>
<td>1</td>
</tr>
<tr>
<td>GP’s practice nurse</td>
<td>2</td>
</tr>
<tr>
<td>Plunket, district, public health or other nurse</td>
<td>3</td>
</tr>
<tr>
<td>Chemist/pharmacist</td>
<td>4</td>
</tr>
<tr>
<td>Physiotherapist</td>
<td>5</td>
</tr>
<tr>
<td>Dentist/dental nurse</td>
<td>6</td>
</tr>
<tr>
<td>Optician/optometrist</td>
<td>7</td>
</tr>
<tr>
<td>Chiropractor/osteopath</td>
<td>8</td>
</tr>
<tr>
<td>Podiatrist/chiropodist</td>
<td>9</td>
</tr>
<tr>
<td>Alternative therapist such as naturopath, homeopath, iridologist, acupuncturist</td>
<td>10</td>
</tr>
<tr>
<td>Social worker, psychologist or counsellor</td>
<td>11</td>
</tr>
<tr>
<td>Occupational/speech therapist</td>
<td>12</td>
</tr>
<tr>
<td>Midwife</td>
<td>13</td>
</tr>
<tr>
<td>Traditional healer - tohunga, rongoa Maori specialist or fofo</td>
<td>14</td>
</tr>
<tr>
<td>Maori health worker, Pacific Island health worker</td>
<td>15</td>
</tr>
<tr>
<td>Other therapist, healer or health worker - specify</td>
<td>16</td>
</tr>
</tbody>
</table>

### Question 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**

<table>
<thead>
<tr>
<th>Reason</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Costs too much</td>
<td>1</td>
</tr>
<tr>
<td>Couldn’t get an appointment soon enough/at a suitable time/it was after hours</td>
<td>2</td>
</tr>
<tr>
<td>Couldn’t spare the time</td>
<td>3</td>
</tr>
<tr>
<td>Didn’t want to make a fuss/couldn’t be bothered</td>
<td>4</td>
</tr>
<tr>
<td>Had no transport to get there</td>
<td>5</td>
</tr>
<tr>
<td>Couldn’t get in touch with the health professional</td>
<td>6</td>
</tr>
<tr>
<td>Other - specify</td>
<td>7</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Option</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Don’t know</td>
<td>2</td>
</tr>
</tbody>
</table>
32 In the last 12 months, have you yourself used a service at, or been admitted to, a public hospital?

- yes .................. 1 Spacer
- no .................. 2 Spacer ← Q34
- don’t know .................. 0 Spacer ← Q34

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

Tick all that apply

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

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

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

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 Spacer

none of the above ....... 5 Spacer

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

- yes .................. 1 Spacer
- no .................. 2 Spacer ← Q36
- don’t know .................. 0 Spacer ← Q36

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 Spacer

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 Spacer

none of the above ....... 3 Spacer

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

- yes .................. 1 Spacer
- no .................. 2 Spacer
- don’t know .................. 0 Spacer
37 Has R used any health services? (Questions 23, 26, 32, 34, 36)

- yes: 1
- no: 2

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: 6

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: 3

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
- don’t know: 3

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: 6
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 .......... 0

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
- 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 ............ 0

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

- yes ................. 1
- no .................. 2
- don’t know ............ 0
51 Do you smoke one or more tobacco cigarettes a day?

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

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
- I think I need to consider quitting smoking someday ....... 2
- I think I should quit smoking but I’m not quite ready .......... 3
- I think about doing things that will help me quit smoking ...... 4
- I’m doing things that will help me quit smoking ........... 5
- don’t know ........... 

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
- don’t know ........... 

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

<table>
<thead>
<tr>
<th>a) walking</th>
<th>b) swimming</th>
<th>c) gardening</th>
<th>d) cycling or mountain biking</th>
<th>e) running or jogging</th>
<th>f) aerobics</th>
<th>g) gym exercises or weight training</th>
<th>h) exercising at home</th>
<th>i) tennis</th>
<th>j) bowls</th>
<th>k) golf</th>
<th>l) netball</th>
<th>m) rugby</th>
<th>n) cricket</th>
<th>o) yachting or sailing</th>
<th>p) another sport or physical activity</th>
<th>q) another sport or physical activity</th>
<th>r) none of the above</th>
</tr>
</thead>
</table>
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

---

Are you covered by any health or medical insurance scheme?

- Yes ................. 1
- No .................. 2
- Don't know ...........

---

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 ...........

---
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

What is your highest secondary school qualification?

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 ............

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

Community Services Card? ....... 1
Hospital Services Card, so that you didn’t have to pay any more charges on public hospital outpatient visits? ................. 2

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

High Use Health Card?

yes .................. 1
no .................. 2
don’t know ............

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

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

High Use Health Card?

yes .................. 1
no .................. 2
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 □  Q72
no ................... 2 □  Q72
don’t know ........... 0 □  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 □  Q72
no .................. 2 □  Q72
don’t know ........... 0 □  Q72

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 □
one of the above... 8 □
don’t know ............ 0 □
**74** In the last 7 days:

Tick all that apply

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

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

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

- none of the above ... 4

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

- yes ................ 1
- no ................. 2
- don’t know ........... 3

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

Tick all that apply

- looked at job advertisements in the newspapers ................. 1
- wrote, phoned or applied in person to an employer .......... 2
- contacted Dept of Labour’s NZ EmploymentService to look for a job ........ 3
- contacted friends or relatives for help in finding a job .......... 4
- contacted career advisers or vocational guidance officers .............. 5
- other methods - specify .................. 6
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)?

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

78 How many hours do you usually work each week?

hours ............ Q80

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 ............

Appendix 4 277
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 ........... 0

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 ........... 0

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?....................

20
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
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?

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a) cut down on the amount of time you spent on work or other activities</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>no</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b) accomplished less than you would like</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>no</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c) were limited in the kind of work or other activities</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>no</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d) had difficulty performing the work or other activities (for example, it took extra effort)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>no</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e) lifting or carrying groceries</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>yes, limited a lot</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>yes, limited a little</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>no, not limited at all</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f) bending, kneeling or stooping</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>yes, limited a lot</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>yes, limited a little</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>no, not limited at all</td>
<td></td>
<td></td>
</tr>
<tr>
<td>g) walking more than one kilometre</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>yes, limited a lot</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>yes, limited a little</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>no, not limited at all</td>
<td></td>
<td></td>
</tr>
<tr>
<td>h) walking half a kilometre</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>yes, limited a lot</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>yes, limited a little</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>no, not limited at all</td>
<td></td>
<td></td>
</tr>
<tr>
<td>i) walking 100 metres</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>yes, limited a lot</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>yes, limited a little</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>no, not limited at all</td>
<td></td>
<td></td>
</tr>
<tr>
<td>j) bathing or dressing yourself</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>yes, limited a lot</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>yes, limited a little</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>no, not limited at all</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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)?

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>a)</strong></td>
<td>cut down the <strong>amount of time</strong> you spent on work or other activities</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>no</td>
<td></td>
</tr>
<tr>
<td><strong>b)</strong></td>
<td>accomplished less than you would like</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>no</td>
<td></td>
</tr>
<tr>
<td><strong>c)</strong></td>
<td>didn’t do work or other activities as <strong>carefully</strong> as usual</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>no</td>
<td></td>
</tr>
</tbody>
</table>

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?

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>1)</strong></td>
<td>not at all</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>a little bit</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>moderately</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>quite a bit</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>extremely</td>
<td></td>
</tr>
</tbody>
</table>

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

<p>| | | |</p>
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>1)</strong></td>
<td>no bodily pain</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>very mild</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>mild</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>moderate</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>severe</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>very severe</td>
<td></td>
</tr>
</tbody>
</table>

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

<p>| | | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td><strong>1)</strong></td>
<td>not at all</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>a little bit</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>moderately</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>quite a bit</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>extremely</td>
<td></td>
</tr>
</tbody>
</table>

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**:

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>a)</strong></td>
<td>did you feel full of life?</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>all of the time</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>most of the time</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>a good bit of the time</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>some of the time</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>a little of the time</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>none of the time</td>
<td></td>
</tr>
</tbody>
</table>
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
<table>
<thead>
<tr>
<th>Question</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 How often do you have six or more drinks on one occasion?</td>
<td>1 never 2 less than monthly 3 monthly 4 weekly 5 daily or almost daily</td>
</tr>
<tr>
<td>18 How often during the last year have you found that you were not able</td>
<td>1 never 2 less than monthly 3 monthly 4 weekly 5 daily or almost daily</td>
</tr>
<tr>
<td>19 How often during the last year have you failed to do what was normally</td>
<td>1 never 2 less than monthly 3 monthly 4 weekly 5 daily or almost daily</td>
</tr>
<tr>
<td>20 How often during the last year have you needed a first drink in the</td>
<td>1 never 2 less than monthly 3 monthly 4 weekly 5 daily or almost daily</td>
</tr>
<tr>
<td>21 How often during the last year have you had a feeling of guilt or</td>
<td>1 never 2 less than monthly 3 monthly 4 weekly 5 daily or almost daily</td>
</tr>
<tr>
<td>22 How often during the last year have you been unable to remember what</td>
<td>1 never 2 less than monthly 3 monthly 4 weekly 5 daily or almost daily</td>
</tr>
<tr>
<td>23 Have you or someone else been injured as a result of your drinking?</td>
<td>1 no 2 yes, but not in the last year 3 yes, during the last year</td>
</tr>
<tr>
<td>24 Has a relative or friend, or a doctor or other health worker, been</td>
<td>1 no 2 yes, but not in the last year 3 yes, during the last year</td>
</tr>
</tbody>
</table>
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.
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
   don’t know ...........
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
 don’t know ........... 0

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 ........... 0

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
 don’t know ........... 0

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 ............ 0

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 time------- 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? ............................................................

c) chemist or pharmacist, for health advice or getting medication only? ..............................

d) physiotherapist? ........................................

e) dentist or dental nurse? ............................................................

f) optician or optometrist? ............................................................

g) chiropractor or osteopath? ............................................................

h) podiatrist or chiropodist? ............................................................

i) alternative therapist such as a naturopath, homeopath, iridologist or acupuncturist? ..

j) social worker, psychologist or counsellor? ............................................................

k) occupational or speech therapist? ............................................................

l) traditional healer such as tohunga, rongoa Maori specialist or fato? .................................. 

m) Maori health worker, Pacific Island health worker? ............................................................

any other therapist, healer or health worker? specify

n) ............................................................

o) ............................................................

p) none of the above ............................................................

19 How many times?

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 .............. 0 ⇒ 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/chiropodist. 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 ................... 0
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

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

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

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/OK 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

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
don’t know ........... 2

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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