

## 6. REPRESENTATIVENESS OF SAMPLE

### Representativeness of the sample

In 2004, male respondents were under-represented in the New South Wales Population Health Survey, making up 42.8 per cent of the survey sample compared with 49.8 per cent of the overall residential population of New South Wales. Conversely, female respondents were over-represented, making up 57.2 per cent of the survey sample compared with 50.2 per cent of the overall residential population of New South Wales. Males aged 54 years or younger and females aged 44 years and under were under-represented in the sample, while males aged 55 years or over and females aged 45 years and over were over-represented in the sample. Comparisons of the distribution of the survey sample and that of the overall residential population are shown in Table 4 and Figures 1 and 2. After weighting, the age and sex distribution of the survey sample reflected that of the overall residential population.

Indigenous people comprised 2.3 per cent of the survey sample, which is higher than their representation in the overall residential population of New South Wales (1.9 per cent). People born in Australia comprised 75.5 per cent of the survey sample, which is higher than their representation in the overall residential population of New South Wales (70.5 per cent) according to the 2001 Census.<sup>1</sup>

Figures 3–10 provide information on Indigenous status, country of birth, SEIFA and ARIA+ quintile, language spoken at home, current employment status, highest level of school completed, and income.

### References

1. Australian Bureau of Statistics. *Selected social and housing characteristics for statistical local areas, NSW and Jervis Bay Territory*. Catalogue no. 2015.1. Canberra: ABS, 2002.

**TABLE 4**

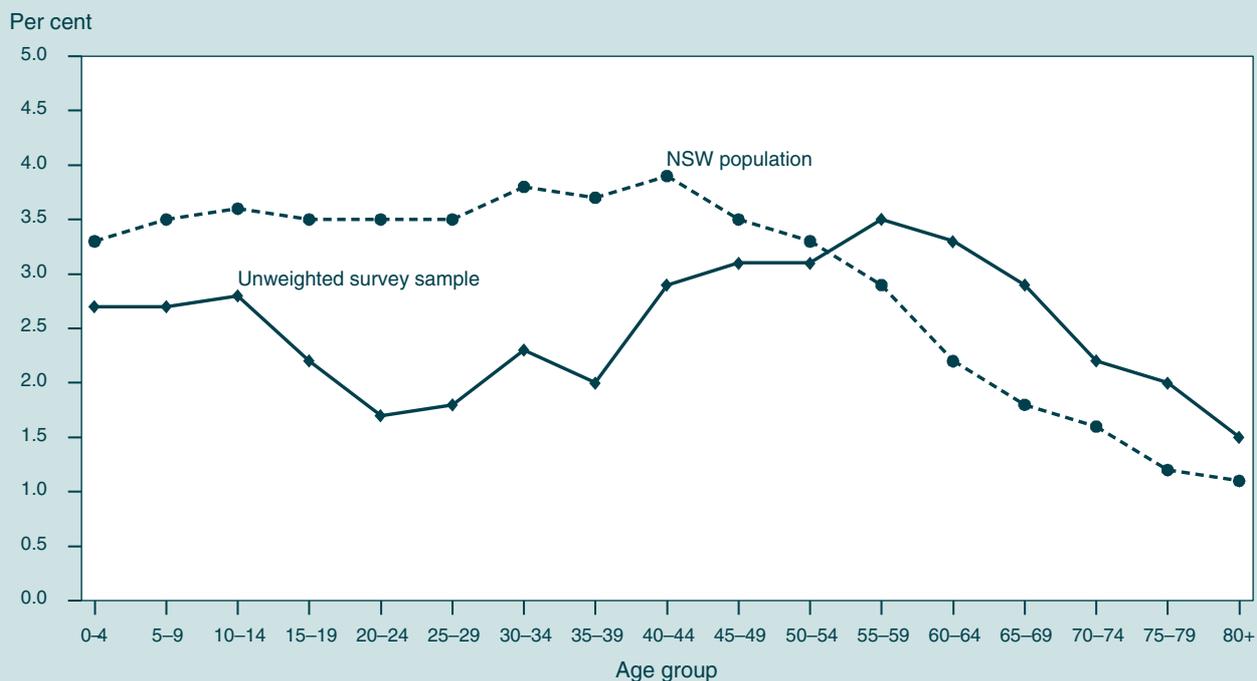
#### SURVEY SAMPLE SIZE AND NSW POPULATION BY AGE AND SEX

| Age group    | Survey sample (unweighted) |             |             |             |              |            | NSW population June 2003 |             |                |             |                |            |
|--------------|----------------------------|-------------|-------------|-------------|--------------|------------|--------------------------|-------------|----------------|-------------|----------------|------------|
|              | Males                      |             | Females     |             | Persons      |            | Males                    |             | Females        |             | Persons        |            |
|              | <i>n</i>                   | %           | <i>n</i>    | %           | <i>n</i>     | %          | <i>n</i>                 | %           | <i>n</i>       | %           | <i>n</i>       | %          |
| 0–4 years    | 318                        | 2.7         | 310         | 2.6         | 628          | 5.3        | 220097                   | 3.3         | 207977         | 3.1         | 428074         | 6.5        |
| 5–9 years    | 322                        | 2.7         | 273         | 2.3         | 595          | 5.0        | 228288                   | 3.5         | 217067         | 3.3         | 445356         | 6.7        |
| 10–14 years  | 331                        | 2.8         | 332         | 2.8         | 663          | 5.6        | 234980                   | 3.6         | 222871         | 3.4         | 457851         | 6.9        |
| 15–19 years  | 263                        | 2.2         | 295         | 2.5         | 558          | 4.7        | 231024                   | 3.5         | 220381         | 3.3         | 451405         | 6.8        |
| 20–24 years  | 199                        | 1.7         | 250         | 2.1         | 449          | 3.8        | 228399                   | 3.5         | 220986         | 3.3         | 449385         | 6.8        |
| 25–29 years  | 208                        | 1.8         | 291         | 2.5         | 499          | 4.2        | 229050                   | 3.5         | 230100         | 3.5         | 459150         | 6.9        |
| 30–34 years  | 269                        | 2.3         | 362         | 3.1         | 631          | 5.3        | 252674                   | 3.8         | 257211         | 3.9         | 509885         | 7.7        |
| 35–39 years  | 242                        | 2.0         | 387         | 3.3         | 629          | 5.3        | 242448                   | 3.7         | 243240         | 3.7         | 485688         | 7.3        |
| 40–44 years  | 346                        | 2.9         | 441         | 3.7         | 787          | 6.7        | 256059                   | 3.9         | 256065         | 3.9         | 512124         | 7.7        |
| 45–49 years  | 361                        | 3.1         | 486         | 4.1         | 847          | 7.2        | 231662                   | 3.5         | 233527         | 3.5         | 465189         | 7.0        |
| 50–54 years  | 363                        | 3.1         | 562         | 4.8         | 925          | 7.8        | 215855                   | 3.3         | 215771         | 3.3         | 431626         | 6.5        |
| 55–59 years  | 416                        | 3.5         | 570         | 4.8         | 986          | 8.3        | 194402                   | 2.9         | 189548         | 2.9         | 383950         | 5.8        |
| 60–64 years  | 395                        | 3.3         | 532         | 4.5         | 927          | 7.8        | 146686                   | 2.2         | 144579         | 2.2         | 291265         | 4.4        |
| 65–69 years  | 345                        | 2.9         | 484         | 4.1         | 829          | 7.0        | 120263                   | 1.8         | 124742         | 1.9         | 245006         | 3.7        |
| 70–74 years  | 265                        | 2.2         | 458         | 3.9         | 723          | 6.1        | 102515                   | 1.6         | 113099         | 1.7         | 215614         | 3.3        |
| 75–79 years  | 236                        | 2.0         | 394         | 3.3         | 630          | 5.3        | 80577                    | 1.2         | 100414         | 1.5         | 180991         | 2.7        |
| 80+ years    | 181                        | 1.5         | 343         | 2.9         | 524          | 4.4        | 74967                    | 1.1         | 124803         | 1.9         | 199770         | 3.0        |
| <b>Total</b> | <b>5060</b>                | <b>42.8</b> | <b>6770</b> | <b>57.2</b> | <b>11830</b> | <b>100</b> | <b>3289946</b>           | <b>49.8</b> | <b>3322381</b> | <b>50.2</b> | <b>6612328</b> | <b>100</b> |

Source: New South Wales Population Health Survey 2004 (HOIST). Centre for Epidemiology and Research, NSW Department of Health.

**FIGURE 1**

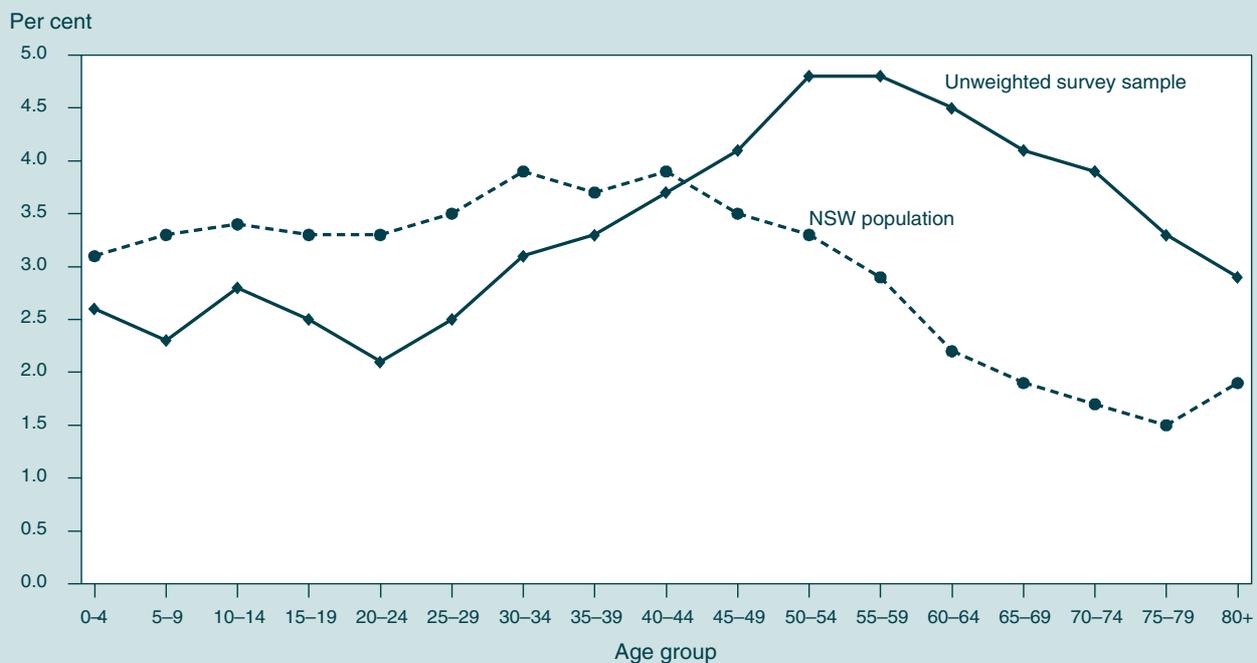
**AGE DISTRIBUTION OF UNWEIGHTED SURVEY SAMPLE VERSUS NSW POPULATION: MALES**



Source: New South Wales Population Health Survey 2004 (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

**FIGURE 2**

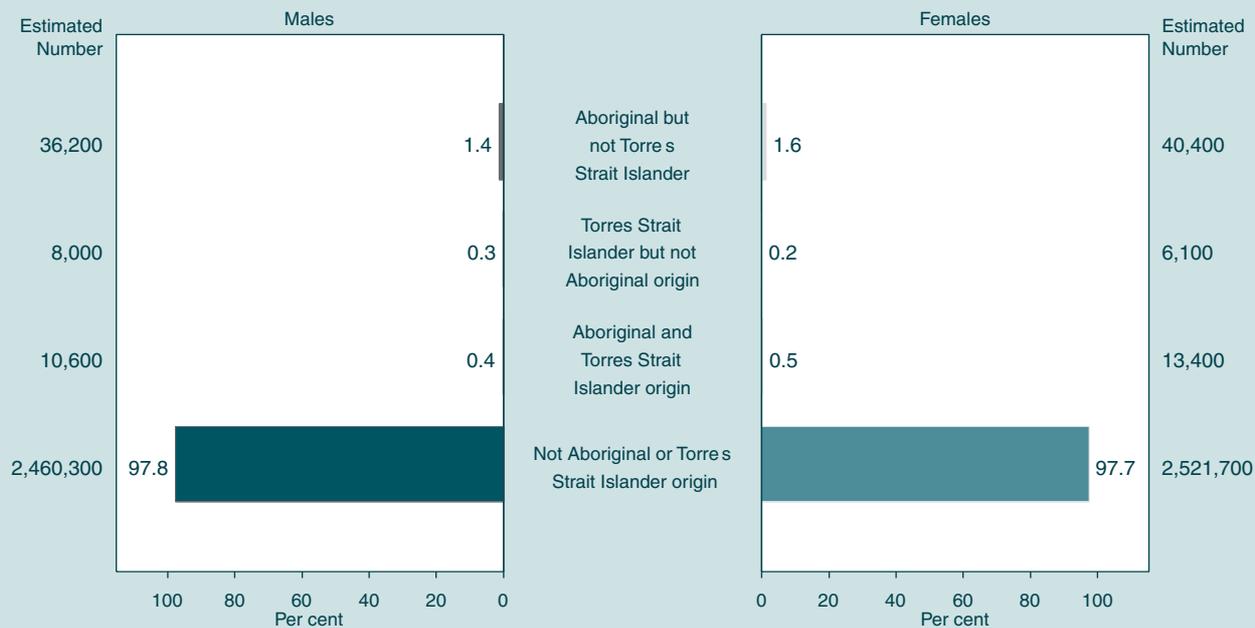
**AGE DISTRIBUTION OF UNWEIGHTED SURVEY SAMPLE VERSUS NSW POPULATION: FEMALES**



Source: New South Wales Population Health Survey 2004 (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

**FIGURE 3**

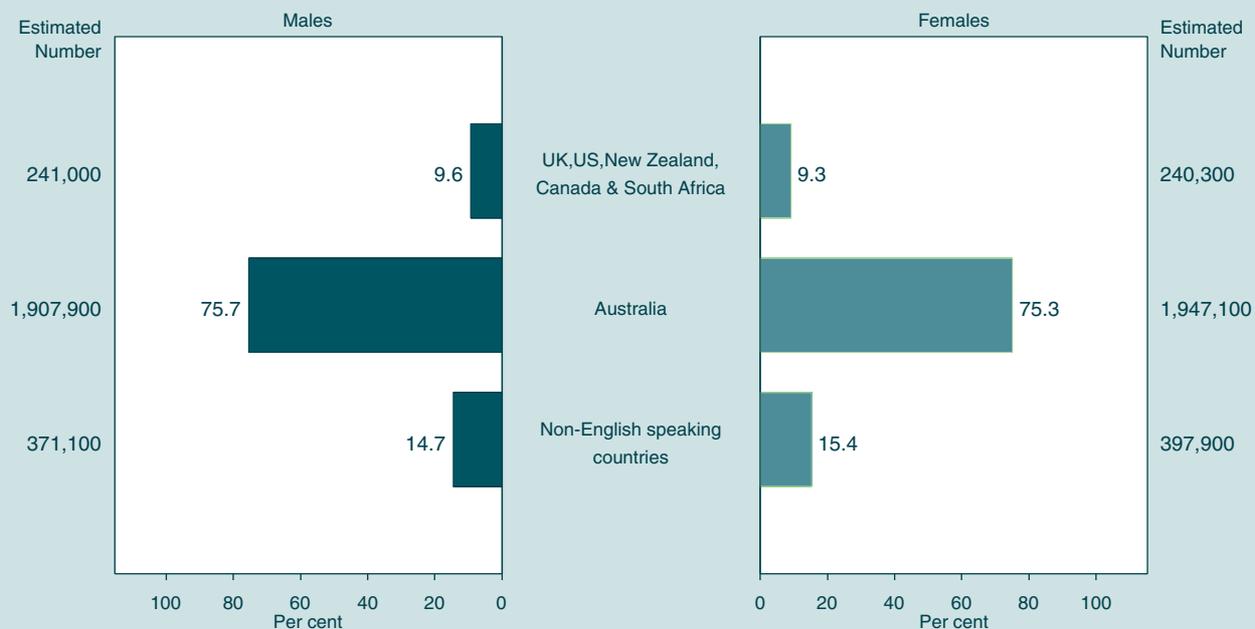
**ABORIGINAL OR TORRES STRAIT ISLANDER ORIGIN, PERSONS AGED 16 YEARS AND OVER, NSW 2004**



Source: New South Wales Population Health Survey 2004 (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

**FIGURE 4**

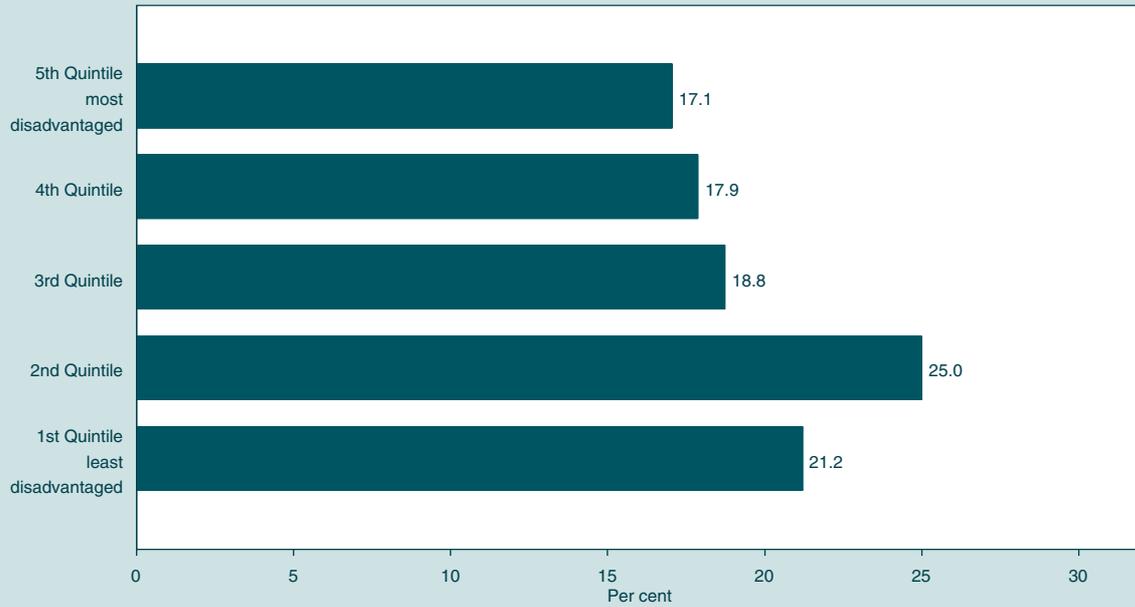
**COUNTRY OF BIRTH, PERSONS AGED 16 YEARS AND OVER, NSW, 2004**



Source: New South Wales Population Health Survey 2004 (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

**FIGURE 5**

**SOCIOECONOMIC INDEX (SEIFA) QUINTILE, PERSONS AGED 16 YEARS AND OVER, NSW, 2004**



Source: New South Wales Population Health Survey 2004 (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

**FIGURE 6**

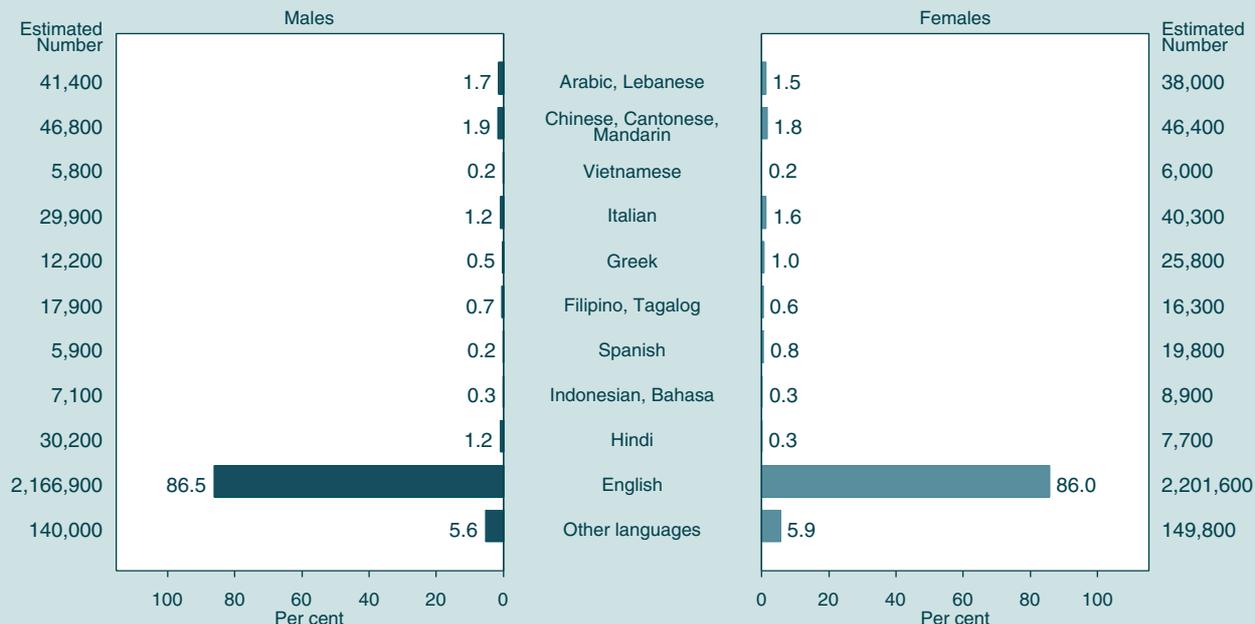
**ACCESSIBILITY-REMOTENESS INDEX PLUS (ARIA+) QUINTILE, PERSONS AGED 16 YEARS AND OVER, NSW, 2004**



Source: New South Wales Population Health Survey 2004 (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

**FIGURE 7**

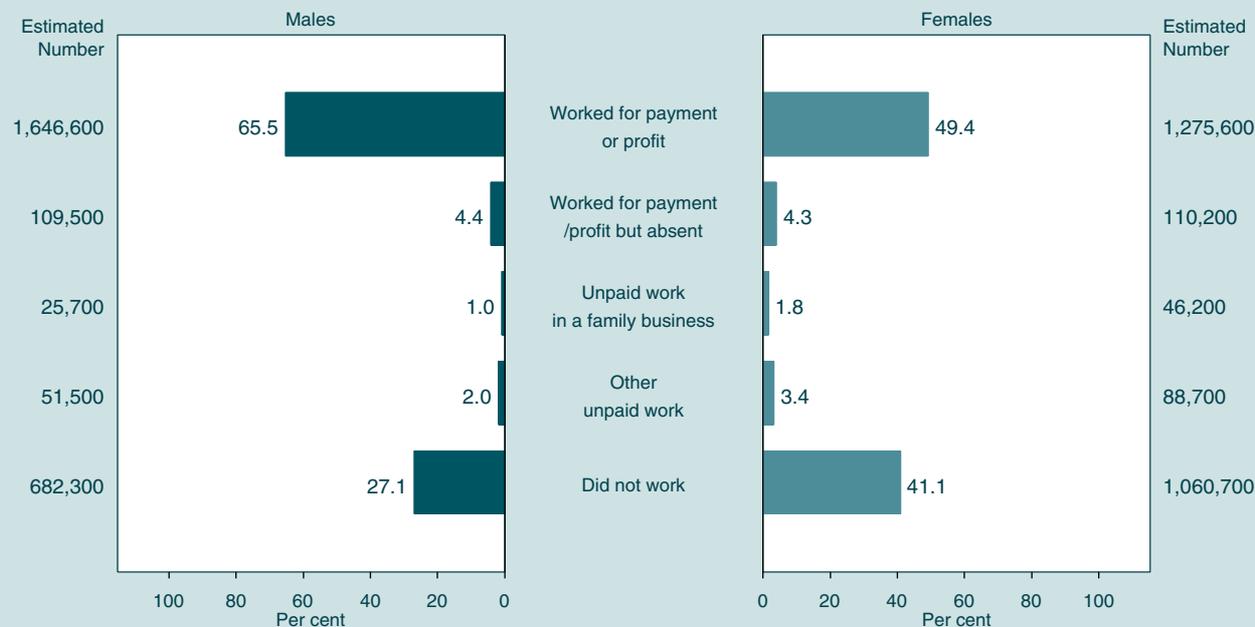
**LANGUAGE SPOKEN AT HOME, PERSONS AGED 16 YEARS AND OVER, NSW, 2004**



Source: New South Wales Population Health Survey 2004 (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

**FIGURE 8**

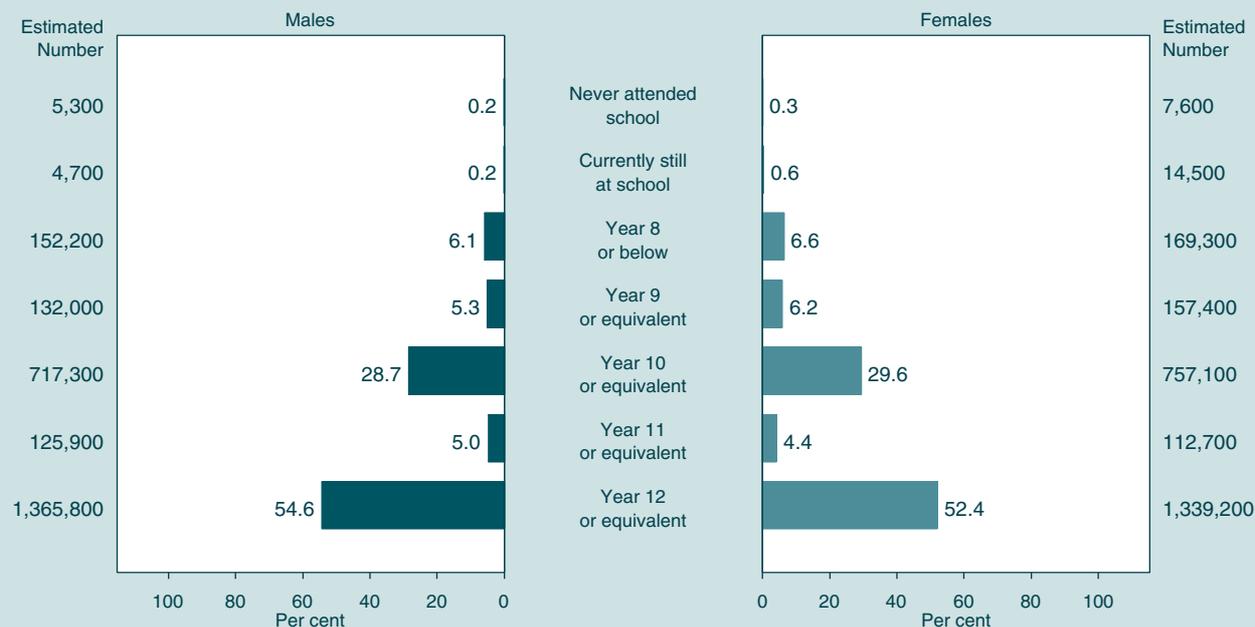
**CURRENT EMPLOYMENT STATUS, PERSONS AGED 16 YEARS AND OVER, NSW, 2004**



Source: New South Wales Population Health Survey 2004 (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

**FIGURE 9**

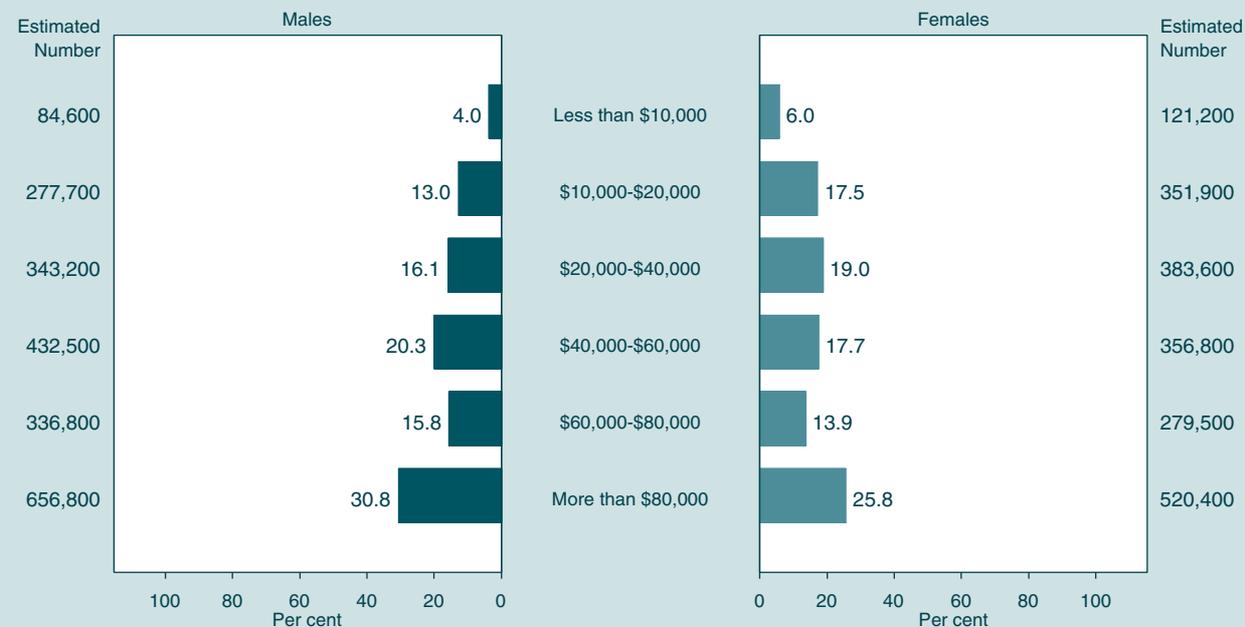
**HIGHEST LEVEL OF SCHOOL COMPLETED, PERSONS AGED 16 YEARS AND OVER, NSW, 2004**



Source: New South Wales Population Health Survey 2004 (HOIST), Centre for Epidemiology and Research, NSW Department of Health.

**FIGURE 10**

**ANNUAL HOUSEHOLD INCOME, PERSONS AGED 16 YEARS AND OVER, NSW, 2004**



Source: New South Wales Population Health Survey 2004 (HOIST), Centre for Epidemiology and Research, NSW Department of Health.