

Health and community services labour force 1996

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Preface

This publication is compiled from Australian Bureau of Statistics (ABS) Census of Population and Housing 1996 data. As such it continues and expands the health occupation data that the ABS published in *Characteristics of Persons Employed in Health Occupations, Australia* (Cat. No. 4346.0) following the 1981, 1986 and 1991 censuses. To complement the picture of the health and community service workforce in Australia, the Institute also includes in this report statistics from national immigration and education databases.

One in every thirteen employed Australians is in a health or community service occupation and an overview of the main characteristics of these people is presented here. The data show that:

- females comprised 73% of persons employed in health occupations and 87% of those in community service occupations;
- nurses and personal care workers comprise 57% of those in health occupations and children's care workers comprise 37% of those in community service occupations;
- relative to population, capital cities have 19% more workers in health occupations than other regions; and
- relative to population, people in community service occupations are more evenly distributed among all regions than those in health occupations.

The requirements of an ageing population and the need for equitable access to health and community service supply among major cities and rural and remote centres and regions has been a major policy concern for a number of years. The data presented here will inform discussion of the issues involved. Interpretation of the data is complex and the Institute would welcome feedback on the information presented.

Richard Madden
Director
March 2001

Abbreviations

ABS	Australian Bureau of Statistics
AIHW	Australian Institute of Health and Welfare
ASCO	Australian Standard Classification of Occupations
DETYA	Department of Education, Training and Youth Affairs
DIMA	Department of Immigration and Multicultural Affairs
excl	excluding
GP	general practice
incl	including
nec	not elsewhere classified
nfd	not further defined

Variations in numbers

All data in this publication are the raw counts from the ABS 1996 Census of Population and Housing. There are no adjustments for under-enumeration and non-response to particular questions, the level of which is unknown for individual occupations.

Counts of persons in a given occupation or occupational group may vary significantly from one table to the next, for a number of reasons, as follows.

- The actual occupations included in each table change from one table to the next, so category totals also vary somewhat—smaller occupations (e.g. weight loss consultancy or massage therapy) are not always included.
- Varying response rates to individual questions in the census may result in some persons being excluded from the analysis of a given variable.
- The ABS routinely rounds up small numbers in its census data in order to protect the confidentiality of individuals: a single person in a table cell may be reported as three persons. This leads to small discrepancies in total values between tables. Unfortunately, this process may have significantly altered the accuracy of data regarding Indigenous participation in health and community services occupations: where participation is low, the small estimates reported for many occupations might actually exaggerate participation.

Comparability with previous data

There were significant problems comparing changes in the number of these workers between the 1991 and 1996 censuses due to changes made between the first and second editions of the Australian Standard Classification of Occupations (ABS 1990; ABS 1997). Although the classification of health occupations remained largely unchanged, most community services occupations were reclassified so that direct matching of data was not possible.

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Main features

This publication presents health and community services workers' data from the ABS 1996 Census of Population and Housing. In addition, in order to present a more complete picture of these workers, university course completions information is drawn from the Department of Education, Training and Youth Affairs (DETYA), and data on migration into and out of Australia is drawn from the Department of Immigration and Multicultural Affairs (DIMA).

The data in this publication have generally been presented in the order that occupations are shown in the ABS *Australian Standard Classification of Occupations second edition* (ASCO). The ASCO classification lists occupations by skill levels. Related occupations that may be separated by skill level in the classification are grouped under headings to facilitate analysis, for example director of nursing, registered nurse, enrolled nurse and nursing assistant.

The analysis of each occupation that follows has concentrated on the sex distribution, geographic distribution, Indigenous representation and hours worked.

Overview

- The total employment in the health and community services occupations shown in this publication was 7.8% of all persons employed at the time of the 1996 census (5.1% or 386,024 were in health occupations and 2.7% or 207,610 were in community services occupations).
- Indigenous Australians were 2.1% of the total population at the time of the 1996 census and of the employed Indigenous population, 3.4% were in health occupations and 5.8% were in community services occupations.
- The employment in these occupations is predominantly female with females comprising 73.7% of those in health occupations and 84.8% of those in community services occupations.
 - Males continue to dominate in the occupations of medical practitioner (68.2% of the workers), dentist (78.7%), dental technician (81.5%), chiropractor (78.2%), orthotist (79.6%), ambulance officer and paramedic (85.3%) and primary product and safety inspector (88.7%) (Table 2).
 - The community service occupations with a significant male presence were welfare centre manager (40.5%), drug and alcohol counsellor (44.9%), parole or probation officer (45.9%) and youth worker (48.2%) (Table 24).
- 44.0% of people in health occupations worked less than 35 hours per week and 11.0% worked 49 or more hours per week. Of those working more than 49 hours per week, 57.3% were medical workers (46.8% of the medical workers worked 49 or more hours per week) (Table 10).
- 50.5% of people in community services occupations worked less than 35 hours per week and 6.5% worked 49 or more hours per week (Table 28).
- In general, health workers were highly qualified, with 42.6% of workers holding a bachelor degree or higher qualification, and a further 33.3% holding an undergraduate diploma or associate diploma (Table 19). The number of persons with a highest qualification in a health field increased by 9.2% between 1991 and 1996 (Table 12). The

number of higher education course completions per year in health fields also rose rapidly over the same period, from 13,516 in 1991 up to 22,752 in 1996 (Table 20).

- The available data regarding the qualifications of community services workers is less comprehensive than for workers in the health industry, with data missing in some areas. The proportion of persons employed in community services occupations with a bachelor degree or higher was 38.0%, somewhat less than the 43.2% in health occupations. There were also fewer people with an undergraduate or associate diploma (29.4% compared to 33.7% for health) (Table 35). There was a 15.6% rise in higher education course completions in community services fields from 4,384 in 1992 to 5,066 in 1996 (Table 36), a less dramatic rise than the 38.4% increase for health courses (Table 20).

Health occupations

Medical workers

- At the 1996 census, there were 45,923 Australian medical workers of whom 44,003 (95.8%) were medical practitioners and 1,920 (4.2%) were medical administrators (Table 4).

Medical administrators

- The relative number of medical administrators varied widely among the States and Territories, from 8.9 per 100,000 population in Queensland to 25.8 per 100,000 population in the Australian Capital Territory. The national rate was 10.8 per 100,000 population (Table 3).
- 64.7% of medical administrators were female (Table 2) and 74.7% were Australian-born (Table 14).
- Indigenous persons represented 1.1% of medical administration workers (Table 9), better than in many health occupations but still below the 2.1% of Indigenous people in the total population.

Medical practitioners

- Of the 44,003 medical practitioners, 60.0% were generalist medical practitioners, 6.0% were medical practitioners-in-training and 34.0% specialist medical practitioners (Table 4).
- 32.3% of generalist medical practitioners were female, as were 43.4% of medical practitioners-in-training and 24.5% of specialist medical practitioners (Table 2).
- In August 1996 there was a 22.5% difference between the States and Territories with the lowest and highest rate of medical practitioners. The national rate was 247.7 medical practitioners per 100,000 population. The Northern Territory, Tasmania, Queensland and Western Australia were between 8.0% and 9.3% below the national rate. Victoria was close to the national rate with New South Wales 4.6%, the Australian Capital Territory 8.8% and South Australia 11.1 % above the national rate (Table 3). It should be noted that the Australian Capital Territory provides significant specialist medical services to south-eastern New South Wales.

Medical imaging workers

- There was an increase of 41.8% in the number of medical imaging professionals between 1991 and 1996, growing from 4,760 persons to 6,748 persons (Table 6).
- Female representation at 68.0% is high (Table 4).
- The highest concentrations of medical imagists were in New South Wales and the Australian Capital Territory, with 42.0 and 40.8 qualified medical imagists per 100,000 population respectively. The Northern Territory had the lowest rate, at 30.2 per 100,000 population (Table 3).
- 40.7% of medical imaging professionals were employed in hospitals, 27.7% in specialist medical services and 19.3% in other health industries (Table 15).

Dental workers

Dentists and dental specialists

- There were 7,597 dentists and dental specialists in 1996 of which 78.7% were male (Table 2).
- There are 42.8 dentists and dental specialists per 100,000 population on a national basis. Tasmania and the Northern Territory have the fewest dentists and dental specialists with 26.7 and 31.9 per 100,000 population respectively. The Australian Capital Territory has the most with 56.2 per 100,000 population (Table 3). The remaining five States were relatively close to the national rate.
- Indigenous representation amongst dental professionals is low, with only 0.2% of dentists and no dental specialists identifying as Indigenous (Table 9).

Dental technicians

- This occupation exhibits relatively uniform distribution amongst the States, with a national rate of 16.4 dental technicians per 100,000 population. The Northern Territory differed significantly from the other States and the Australian Capital Territory, with only 7.4 technicians per 100,000 (Table 3).
- Dental technicians are predominantly male (81.5%) and are relatively young, with only 28.7% of persons aged 45 years or more (Table 4).
- Only 0.3% of persons in this occupation identified as Indigenous (Table 9).

Dental assistants

- The most gender-biased of all health occupations: 98.9% of all dental assistants are female (compared with 98.7% of midwives) (Table 4).
- 43.0% of dental assistants are aged less than 25 years with a further 30.4% aged 25–34 years.

Nursing workers

- Nursing workers comprise 55.8% of the 386,024 health occupation workers shown in this publication (Table 2).
- A significant restructuring of nursing workers occurred between 1991 and 1996. The number of registered nurses increased by 11.5% from 139,380 to 155,408. However, this growth was offset by a 38.1% fall in the number of enrolled nurses from 39,670 to 24,559.

The total number of registered and enrolled nurses increased only 0.5% between 1991 and 1996 (Table 6).

Directors of nursing and nurse managers

- There were 3,132 directors of nursing and 6,179 nurse managers in 1996 (Table 2).

Nurse educators and researchers

- There were 2,065 nurse educators and researchers in Australia in 1996. Of these, 1,846 (89.4%) were female (Table 2).

Registered nurses (excluding the specialist registered nurses below)

- There were 133,931 registered nurses in Australia at the time of the 1996 census (not including the various specialist registered nurses dealt with below), representing 34.7% of all health occupation workers (Table 2).
- Nursing remains a heavily gender-biased profession: 92.9% of nurses are female.
- Nationally, there were 754.5 registered nurses per 100,000 population. The Australian Capital Territory had the lowest rate, with 659.4 per 100,000 population. South Australia had the most, at 852.1 per 100,000 population (Table 3).
- Only 0.5% of registered nurses were of Indigenous origin at the time of the 1996 census, well below the level of Aboriginal and Torres Strait Islander representation in the wider community (Table 9).

Registered midwives

- 98.7% of midwives are female (Table 2).
- Nationally, there was a rate of 61.4 midwives per 100,000 population, ranging from 100.9 midwives per 100,000 population in the Northern Territory to 52.3 per 100,000 population in New South Wales (Table 3).
- Indigenous representation in midwifery is low, at 0.2% (Table 9).

Registered mental health nurses

- There were 6,039 mental health nurses at the time of the 1996 census. South Australia and Western Australia had the highest rate of persons employed in this field, with 47.1 and 47.0 per 100,000 population, respectively. The Northern Territory had the lowest number per 100,000 population, at 22.8. The national rate was 34.0 per 100,000 population (Table 3).
- The proportion of males, at 38.0%, was much higher than the 7.1% for most registered nurses (Table 2).
- Indigenous representation in this field was 0.4% (Table 9).

Registered developmental disability nurses

- There were 1,089 developmental disability nurses working in Australia in 1996. Most of these (81.5%) were working in either New South Wales or Victoria (Table 2).
- The male participation rate was 24.3%, higher than the 7.1% for registered nurses (Table 4).

Enrolled nurses

- The number of enrolled nurses fell by 38.1% between 1991 and 1996 (Table 6).

- The national rate was 138.4 enrolled nurses per 100,000 population. South Australia had 207.2 per 100,000 while the Australian Capital Territory had 110.4 per 100,000 population (Table 3).
- The female participation rate for this profession was 91.7% (Table 2).
- The Indigenous participation rate, at 2.3%, exceeded levels of Indigenous representation in the general population. Indigenous health workers were the only occupational category with a higher level of Aboriginal and Torres Strait Islander representation (Table 9).
- Many enrolled nurses were employed on a part-time basis: 55.0% worked 34 hours or less per week. However, more worked 40 or more hours per week (25.9%) than worked 35–39 hours per week (18.2%) (Table 10).

Personal care assistants

- The number of personal care assistants working nationally was 16,706 with 10,529 (63.0%) being female (Table 2).
- The number of personal care assistants in the workforce ranged from 62.9 per 100,000 population in the Australian Capital Territory to 108.0 per 100,000 population in Victoria; the national average was 94.1 per 100,000 population (Table 3).

Nursing assistants

- There was 25,941 nursing assistants nationally, comprising 22,534 (86.9%) females (Table 2).
- Indigenous participation in this occupation was 1.3% of the total workers (Table 9).
- 46.0% of nursing assistants worked less than 35 hours per week whereas 30.1% worked 40 or more hours per week (Table 10).

Pharmacists

- There were 12,306 pharmacists working in Australia at the time of the 1996 census. The majority of pharmacists were employed as retail pharmacists (80.2%) or hospital pharmacists (14.1%). The remainder worked as industrial pharmacists (Table 2).
- Females constitute 47.6% of pharmacists.
- Nationally, there were 69.3 pharmacists per 100,000 population. There was little variation amongst the States and Territories, with the exception of the Northern Territory, which had only 31.4 pharmacists per 100,000 population (Table 3).
- The number of pharmacists increased only 2.3% between 1986 and 1991, but increased 13.1% between 1991 and 1996 (Table 6).
- Part-time pharmacists comprised 28.8% of the workers, with 56.7% working 40 or more hours per week (Table 10).

Allied health workers

Occupational therapists

- There were 4,363 occupational therapists in Australia at the time of the 1996 census, with 24.6 per 100,000 population. There was only minor variation in rate amongst the States, with 19.9 per 100,000 population in Queensland and 34.4 per 100,000 population in Western Australia (Table 3).

- The occupation had a high proportion of females, at 93.7% (Table 2). Indigenous representation was very low, at 0.1% (Table 9).
- 36.0% of occupational therapists worked 40 or more hours per week (51.8% of men, 35.0% of women) and 42.6% worked less than 35 hours per week (44.2% of women, 17.5% of men).

Optometrists

- There were 2,255 optometrists in Australia at the time of the 1996 census, with a national rate of 12.7 per 100,000 population. Numbers varied from 7.0 per 100,000 in the Australian Capital Territory up to 14.1 per 100,000 in New South Wales (Table 3).
- The majority of optometrists were male (63.9%) (Table 2).

Physiotherapists

- There were 8,896 physiotherapists working in Australia in 1996, with a national rate of 50.1 per 100,000 population. The Australian Capital Territory had the highest concentration of physiotherapists, with 60.5 per 100,000 population and the Northern Territory had 29.7 per 100,000 population (Table 3).
- The majority of physiotherapists were female (77.0%) (Table 2).
- 43.7% of physiotherapists worked less than 35 hours week (51.9% of women and 16.3% of men) and 10.5% worked 49 or more hours per week (26.4% of men and 5.8% of women) (Table 10).

Speech pathologists

- There were 2,340 speech pathologists in Australia in 1996. Only 3.8% of workers in this occupation were male (Table 2). Practitioners were distributed evenly amongst the States and Territories, with a national rate of 13.2 per 100,000 population (Table 3).
- The number of speech pathology workers has been growing quickly, increasing by 32.6% between 1986 and 1991 and a further 33.5% between 1991 and 1996 (Table 6).
- Part-time work was popular with speech pathologists: 43.0% worked less than 35 hours per week. Another 36.5% worked 40 or more hours per week (Table 10).

Podiatrists

- There were 1,459 podiatrists in Australia at the time of the 1996 census, a national rate of 8.2 per 100,000 population. Variation between the States and Territories was significant: South Australia had 12.0 per 100,000 population but the Northern Territory had no resident podiatrists (Table 3).
- The number of podiatry workers grew by 16.3% between 1986 and 1991, and 28.2% between 1991 and 1996 (Table 6).
- Females were 64.5% of podiatrists (Table 2). Indigenous representation, at 0.4%, was better than for most health occupations but well below the 2.1% in the population (Table 9).

Dietitians

- There were 1,718 dietitians in Australia in 1996. Tasmania had the fewest dietitians, with only 5.2 per 100,000 population, whereas the Australian Capital Territory had 20.4 per 100,000 population. The national rate was 9.7 per 100,000 population (Table 3).

- Most dietitians were female (91.1%) (Table 2) and Australian-born (75.2%) (Table 14). Just 0.2% were of Indigenous origin (Table 9).
- 41.6% of dietitians worked part-time (Table 10).

Audiologists

- This profession had 689 members in Australia in 1996. There were 192 males and 497 females (Table 2). Numbers in the States and Territories were similar, with a range between 3.6 and 5.7 audiologists per 100,000 population (Table 3).

Clinical psychologists

- There were 5,255 clinical psychologists in Australia in 1996 (Table 2).
- The Australian Capital Territory had the most clinical psychologists, with 49.2 per 100,000 population. Queensland had the fewest with 21.5 per 100,000 population. The national rate was 29.6 per 100,000 population (Table 3).
- 67.2% of clinical psychologists were female (Table 2).
- Indigenous persons comprised only 0.2% of clinical psychology workers (Table 9).
- 36.8% of clinical psychologists worked 34 hours or less per week and 42.8% worked 40 or more hours per week. Only 19.5% worked 35–39 hours per week (Table 10).

Therapy aides

- There was a total of 1,418 therapy aides employed in 1996 of which 1,253 were female (88.4%) (Table 2).
- The employment rate was quite low in comparison to other occupations and varied between 2.0 per 100,000 population in the Australian Capital Territory to 20.0 per 100,000 population in Western Australia; the national rate was 8.0 per 100,000 population (Table 3).
- Only 29.2% of therapy aides worked in the public sector.

Chiropractors and osteopaths

- There were 1,969 chiropractors and/or osteopaths in Australia in 1996. The national rate was 11.1 per 100,000 population, ranging from 12.9 per 100,000 in South Australia to 5.7 per 100,000 in the Northern Territory (Table 3).
- The number of chiropractic and osteopathic workers grew by 12.4% in the five years to 1991 and 29.1% in the five years to 1996 (Table 6).
- Unlike most health occupations, only 23.7% of the workers were female (Table 2).
- 37.0% of chiropractors and osteopaths worked less than 35 hours per week—32.1% of men and 53.0% of women (Table 10).

Natural therapy professionals

- Persons working in this field include naturopaths and acupuncturists. There were 1,909 naturopaths and 464 acupuncturists in Australia in 1996, as well as 430 other natural therapy professionals (Table 2).
- The national rate of natural therapy professionals was 15.4 per 100,000 population, ranging from 5.7 per 100,000 population in the Northern Territory up to 19.6 per 100,000 population in Queensland (Table 3).
- 56.6% of persons in this occupational group worked part-time (Table 10).

- Women were prominent in these occupations, comprising 61.4% of all workers (Table 2).
- Only 0.3% of the natural therapy workers were of Indigenous origin (Table 9).

Other health workers

Medical scientists

- There were 9,514 medical scientists in Australia at the time of the 1996 census (Table 2).
- Female representation in this field was 60.9%.
- Numbers varied considerably between the States and Territories, with the Northern Territory having the fewest (38.2 per 100,000 population) and the Australian Capital Territory having the most (71.2 per 100,000 population) (Table 3).

Medical laboratory technical officers

- At the 1996 census, there were 8,215 people in Australia employed as medical technical officers (including both medical laboratory technical officers and medical technical officers not elsewhere classified) (Table 2).
- Female representation was 67.9% in this occupation.

Ambulance officers and intensive care paramedics

- The total number of ambulance officers in Australia in 1996 was 5,959. Queensland had the highest supply in this occupation, at 45.2 per 100,000 population, while Western Australia had the lowest, at 18.3 per 100,000 population (Table 3).
- This occupation had the highest proportion of males of any health occupation, at 85.3% (Table 2).
- The number of ambulance officers and paramedics increased by 8.8% between 1986 and 1991, and by 7.6% between 1991 and 1996 (Table 6).
- Indigenous representation for these occupations was relatively high, at 0.8%. However, this is still well below the 2.1% of Indigenous representation in the general population (Table 9).
- Part-time work was the exception for this occupation, with 14.6% working less than 35 hours per week (12.8% of men and 25.1% of women) (Table 10).

Aboriginal and Torres Strait Islander health workers

- There were 705 Aboriginal and Torres Strait Islander health workers in Australia in 1996 (Table 2).
- The Northern Territory had by far the highest proportion of Aboriginal and Torres Strait Islander health workers, at 107.2 per 100,000 population. The next closest was Western Australia, at 7.7 per 100,000 population (Table 3).
- The vast majority (94.5%) of Aboriginal and Torres Strait Islander health workers was of Indigenous descent (Table 9).

Massage therapists

- There were 2,262 massage therapists in 1996 (Table 2).
- 71.4% were female.

Admissions clerks

- The 3,221 admissions clerks in 1996 were predominantly female (93.5%) (Table 2).
- There was considerable variation in the distribution of this occupation among States and Territories with Queensland having 7.4 per 100,000 population and Western Australia 27.6 per 100,000 population, with a national rate of 18.1 per 100,000 population (Table 3).

Primary products inspectors

- The 2,902 primary products inspectors in 1996 were predominantly male (89.5%) (Table 2).
- Queensland with 24.9 per 100,000 population and the Northern Territory with 24.5 per 100,000 population were well above the national rate of 16.3 per 100,000 population. Victoria with 11.1 per 100,000 population had the lowest rate (Table 3).

Safety inspectors

- There were 3,659 safety inspectors in 1996 and 88.1% were males (Table 2).
- Western Australia and the Northern Territory with 30.7 and 29.1 per 100,000 population respectively were well above the national rate of 20.6 per 100,000 population (Table 3).

Natural remedy consultants

- There were 1,819 natural remedy consultants in 1996 of whom 70.4% were females (Table 2).
- Nationally, there were 10.2 natural remedy consultants per 100,000 population. There was minor variation in the rate among the States and Territories, with the exception of Western Australia with 17.2 per 100,000 population and the Northern Territory with 5.1 per 100,000 population (Table 3).

Weight loss consultants

- There were 788 weight loss consultants in 1996 and they were relatively uniformly distributed among the States and Territories with a national rate of 4.4 per 100,000 population (Table 3).
- 95.8% were female (Table 2).

Community services workers

In this publication, community services workers are:

- pre-primary and special education teachers and aides (excludes primary and secondary school teachers);
- welfare, social, and community workers (including welfare centre managers);
- counsellors (family, rehabilitation, and drug and alcohol counsellors);
- welfare associate professionals (parole/probation officer, youth worker, residential care officer, disabilities services officer, family support worker);
- children's care workers (including childcare coordinators and workers, family day care workers, nannies); and
- special care workers (hostel parent, refuge worker, aged or disabled person carer).

Overview

- There were a total of 187,189 persons working in the above community services occupations in Australia in 1996. Females dominated most occupations, comprising 87.0% of the total community services workers (Table 24).
- The national average of people working in community care occupations was 1,054.6 per 100,000 population. The Australian Capital Territory had the highest proportion of persons working in community services occupations, with 1,453.6 persons per 100,000 population, principally because it was well above the national average of childcare workers, family day care workers and child/youth residential care assistants. New South Wales had the fewest, with 931.9 per 100,000 population (Table 25).

Pre-primary and special education teachers and aides

- As with all community services occupations, the pre-primary and special education workers were predominantly female (91.7%) (Table 24).
- The Northern Territory had the highest proportion of persons employed in these occupations, at 228.1 per 100,000 population compared with the national average of 166.9 per 100,000 population. Western Australia had the fewest persons employed in these occupations, at 130.3 per 100,000 persons (Table 25).

Pre-primary school teacher

- There were 12,584 pre-primary school teachers in Australia in 1996, of whom 12,299 were female (97.7%) (Table 24).
- Nationally, there was an average 70.9 pre-primary school teachers per 100,000 population. The Australian Capital Territory had the most, with 83.3 per 100,000 population, while the Northern Territory had the fewest with 54.8 per 100,000 population (Table 25).
- Persons in this occupation were generally younger than for other community services occupations, with 22.8% of the workers aged 45 years or older (Table 26).
- Indigenous representation was 1.0%, about half the 2.1% Indigenous representation in the wider community (Table 27).

- 39.7% of pre-primary school teachers worked less than 35 hours per week, 21.1% worked 35–39 hours per week and 39.2% of the workers worked 40 or more hours per week (Table 28).

Special education teacher

- Occupations in this category include special needs teachers, teachers of the hearing or sight impaired, and other special education teachers.
- In 1996 there were 11,083 persons employed in these occupations, of which 1,770 were males (16.0%) (Table 24). The Northern Territory had the highest proportion of special needs teachers, at 164.2 per 100,000 population. Western Australia had the fewest, at 48.3 per 100,000 population (Table 25).
- Indigenous representation in this field was 1.7%, close to the level of Indigenous representation in the population (Table 27).
- Part-time work was also frequent for this occupation—41.2% worked 34 hours or less per week, 23.1% worked 35–39 hours per week and 34.7% worked 40 or more hours per week (Table 28).

Preschool aides and integration aide

- There were 5,953 preschool and integration aides working in Australia at the time of the 1996 census, of which 5,841 (98.1%) were female (Table 24).
- There was wide variation in numbers across the States and Territories: Tasmania had 6.5 preschool aides per 100,000 population, and no integration aides, whereas Victoria had 39.2 preschool aides and 56.7 integration aides per 100,000 population. This variation is due to differences in the way services are delivered to the respective target groups (Table 25).
- 2.0% of preschool aides, but only 0.6% of integration aides, were of Indigenous descent (Table 27).
- Most people employed in these occupations worked less than 35 hours per week (83.7%), with just 5.7% working 40 hours or more in the week before the census (Table 28).

Welfare, social and community workers

Grouped under this heading are the occupations of welfare centre manager, social worker, welfare worker and community worker.

- There were 30,197 persons employed as welfare, social, or community workers in 1996, of whom 76.0% were female (Table 24).
- The Northern Territory had the highest proportion of persons in these occupations, with 283.5 per 100,000 population. The national average was 170.1 per 100,000 population. Queensland had the least with 124.3 per 100,000 population (Table 25).
- Indigenous representation in these occupations was high, with 4.1% of the workers being of Indigenous descent (Table 27).
- 37.2% worked less than 35 hours per week (41.8% of women and 22.7% of men) (Table 28).
- People in these occupations found employment in a variety of work settings. The most common were non-residential care services (27.6%), government administration (11.9%), community health centres (9.1%), residential care services (7.9%), and hospitals (7.2%) (Table 32).

Counsellors

Grouped under this heading are rehabilitation counsellors, drug and alcohol counsellors and family counsellors.

- The 1996 census identified 3,358 persons employed as rehabilitation, family, or drug and alcohol counsellors. Most were female (70.6%) (Table 24).
- The national average was 18.9 counsellors per 100,000 population, but there was considerable variation amongst the States. Queensland had the fewest, at 15.2 per 100,000 population, whereas the Northern Territory had 35.4 per 100,000 population, of whom 48.3% were drug and alcohol counsellors (Table 25).
- Indigenous representation was high, with 3.4% of all counsellors of Indigenous descent, including 1.6% of rehabilitation counsellors, 1.1% of family counsellors, and 10.6% of drug and alcohol counsellors (Table 27).
- 50.7% of family counsellors worked less than 35 hours per week, compared to 29.9% of rehabilitation counsellors and 28.6% of drug and alcohol counsellors (Table 28).

Welfare associate professionals

Parole or probation officer

- Nationally, there was an average of 4.7 parole and probation officers per 100,000 population, ranging from 2.4 per 100,000 population in Western Australia up to 9.7 per 100,000 population in the Northern Territory (Table 25).
- 3.1% of parole or probation officers were of Indigenous descent (Table 27).

Youth worker

- There were 5,391 youth workers in Australia in 1996, or 30.4 per 100,000 population. The Australian Capital Territory had the most, at 40.1 per 100,000 population. Western Australia had the fewest, at 21.5 per 100,000 population (Table 25).
- There was equitable gender representation in this occupation, with females comprising 51.8% of workers (Table 24).
- 6.3% of all youth workers were of Indigenous descent, well above their levels of representation in the population (Table 27).
- Part-time work was common, with 36.4% working less than 35 hours per week. However, 36.9% reported working in excess of 40 hours per week (Table 28).

Residential care officer

- There was a total of 1,024 residential care officers comprising 662 females (64.6%) (Table 24).
- There was a large variation in the rates per 100,000 population, the lowest being 0.9 per 100,000 population for both New South Wales and Western Australia up to 26.4 per 100,000 population in Queensland—the national average was 5.8 per 100,000 population (Table 25).
- 27.2% of residential care workers worked less than 35 hours per week whereas 68.5% worked in excess of 40 hours per week (Table 28).

Disabilities services officer

- There were 4,930 disabilities services officers in Australia comprising 3,519 female workers (71.4%) (Table 24).
- Western Australia had 70.5 per 100,000 population and Victoria had 51.5 per 100,000 population. In contrast, the Australian Capital Territory had 5.7 per 100,000 population, the Northern Territory had 6.8 per 100,000 population, and Queensland had 7.3 per 100,000 population (Table 25).
- Indigenous representation in this occupation was low, at 0.8% (Table 27).
- 36.5% of disabilities services officers worked less than 35 hours per week and 32.7% worked 40 or more hours per week (Table 28).

Family support worker

- There were 1,001 family support workers in Australia in 1996, of whom 86.9% were female. Nationally, there were 5.6 per 100,000 population, ranging from 4.4 per 100,000 population in New South Wales up to 9.1 per 100,000 population in the Northern Territory (Table 25).
- 8.5% of family support workers were of Indigenous origin, several times the actual level of Indigenous representation in the community (Table 27).
- A high proportion worked less than 35 hours per week (58.2%) (Table 28).

Children's care workers

Childcare coordinator

- There were 7,135 childcare coordinators of which 6,542 were female (91.7%) (Table 24).
- There were 60.7 and 57.9 childcare coordinators per 100,000 population in Queensland and the Australian Capital Territory, respectively. They were relatively uniformly distributed around the national average of 40.2 per 100,000 population in the other States and Territory (Table 25).

Childcare worker

- There were 31,201 childcare workers of which 29,883 were female (95.8%) (Table 24).
- There were 88.3 and 88.4 childcare workers per 100,000 in Tasmania and South Australia with 241.7 per 100,000 in Queensland (Table 25).
- 38.5% of workers were less than 25 years of age and 83% were less than 45 years of age (Table 26).
- Indigenous representation in this occupation was 1.9% (Table 27).

Family day care worker

- There were 16,577 workers in this category, with females comprising 16,292 (98.3%) (Table 24).
- The national average was 93.4 family day care workers per 100,000 population with the lowest being 83.8 per 100,000 population in New South Wales ranging to 195.0 per 100,000 population in the Australian Capital Territory (Table 25).
- 37.0% of workers worked less than 35 hours per week whereas 46.2% worked in excess of 40 hours per week (Table 28).

Nanny

- There were 6,574 workers in this occupation with 98.0% being female (Table 24).
- There were 28.4 nannies per 100,000 population in Tasmania with the highest being 63.2 per 100,000 population in the Australian Capital Territory (Table 25).
- 4,839 nannies (73.6%) were less than 34 years of age (Table 26).
- Part-time work was frequent for this occupation—60.5% worked less than 35 hours per week, 8.2% worked 35–39 hours per week and 27.5% worked in excess of 40 hours per week (Table 28).

Special care workers

- There were 41,703 special care workers in Australia in 1996 and aged or disabled person carers comprised 86.2% of this total (Table 24).
- 85.3% of special care workers were female.
- Tasmania had the most residential care workers relative to population, with 490.4 per 100,000 population, primarily due to a high proportion of aged or disabled person carers (453.6 per 100,000 population, compared with the national average of 202.5 per 100,000 population). New South Wales had the fewest, at 173.9 per 100,000 population and this was due to the low relative number of aged or disabled person carers (146.7 per 100,000 population) (Table 25).
- 1.9% were of Indigenous origin (Table 27).

Industries

The previous analysis and most of the tables in this publication have shown persons by their occupation regardless of the place at which they work. The industries tables show the employment of persons in all occupations in health and community services businesses. Each employing location is classified to an industry using the *Australian and New Zealand Standard Industrial Classification, 1993 Edition*. For the health and community services industries included in this publication, see the explanatory notes.

Health industries

- The health industries employed 537,194 persons (Table 18) at the time of the 1996 census and this represented 7.0% of all employed persons.
- A total of 230,832 people were employed in hospitals (222,410) and psychiatric hospitals (8,422) in 1996, which was 43.0% of workers in the health industries (Table 17). The most common occupations in hospitals were health professionals (51.4%), intermediate clerical workers (8.2%), intermediate service workers (6.3%), health and welfare associate professionals (5.3%), labourers (4.1%) and cleaners (3.7%). The remaining 21.0% of the hospital workforce was split across many different occupations.
- Most health industries employed workers in a small range of occupations with the workforce occupation profile reflecting the respective business structures in each industry. Between 45% and 60% of the workforce in most health industries were professionals. These were mostly health professionals but there were significant numbers of science professionals (15.8%) in the pathology industry and social professionals (14.8%) in the community health centres.
- The industries with less than 45% of the workforce classed as professionals were nursing homes (32.3%), dental services (29.4%), optometry and optical dispensing (29.9%) and ambulance services (5.0%). The workforce in nursing homes and dental services included 34.0% and 39.4%, respectively, of intermediate service workers (nursing assistants). The workforce in the optometry and optical dispensing industry included 28.0% of other tradespersons (optical mechanics) and 75.2% of the ambulance services workforce were health associate professionals (ambulance officers and intensive care ambulance paramedics).
- In the general practice industry, workers were concentrated in two of the four occupational areas: health professionals (44.2%); intermediate clerical workers (36.0%); business and administration professionals (6.1%); and secretaries and personal assistants (4.2%). The specialist medical services industry had a similar profile of health professionals (43.5%), business and administration professionals (4.7%), and secretaries and personal assistants (5.2%), but developed a different profile with intermediate clerical workers comprising 27.4% of the workforce and science professionals and associate professionals 7.0% of the workforce.
- The dental services industry workforce comprised 28.4% dental professionals, 39.4% dental assistants, 19.4% administrators and clerical workers and 7.8% dental therapists, hygienists and technicians.
- In addition to significant numbers of science professionals, 8.3% of the pathology services industry workforce were drivers and other transport workers reflecting the need for transport of pathological samples.

- The health industries employed 161,779 people with a highest qualification in nursing and this was by far the largest field of qualification representing 30.1% of all workers in the health industries. The next largest fields of qualification in the health industries were medicine with 42,865 people (8.0%) and health sciences with 33,720 people (6.3%) (Table 18). Some 30.7% of people working in the health industries did not have a recognised tertiary education qualification.
- Pharmacies are in the retail industry sector and are unique in that pharmacists are health professionals where the majority do not work in the health industries.

Community services industries

- The community services industries shown in this publication employed 172,750 persons at the time of the 1996 census and this represented 2.2% of all employed persons (Table 34).
- The childcare services industry and non-residential care services industry accounted for 35.6% and 36.1%, respectively, of all employment in the community services industries.
- The community services industries employed people from a wide range of occupations with the most numerous being intermediate service workers (42.0%) and social, arts, and miscellaneous professionals (10.5%) (Table 33).
- The workers employed in each community services industry reflected the services provided by each industry. For example:
 - in the childcare services industry, 73.3% of the workers were intermediate service workers in children’s care occupations—specialist managers (8.3%) were the only other notable occupation group in this industry;
 - in the accommodation for the aged industry, 39.2% of the workers were mainly special care workers and 14.1% were health professionals, mainly nurses;
 - in residential care services (not elsewhere classified) the 39.2% of staff classed as intermediate service workers were mainly special care workers, 14.4% were welfare associate professionals, 11.5% were social welfare professionals and 8.1% were health professionals; and
 - the industries of non-residential care services and community services undefined had broadly similar workforce profiles with 19.9% and 21.5%, respectively, of social welfare professionals (social workers, welfare and community workers and counsellors) and 16.9% and 20.2%, respectively, of intermediate service workers—the balance of the workforce in each industry was widely dispersed across many occupations.

Geographical distribution

There is considerable regional variation in Australia in the distribution of health workers. Access to health services for rural populations is a major policy concern, many small townships report being unable to attract a medical practitioner.

Unlike health workers, community services workers are quite evenly distributed between metropolitan and non-metropolitan regions.

Health workers

There were 2,276.9 health workers per 100,000 population in Australia at the 1996 census (Table 3). The State distribution ranged from South Australia with 14.5% per 100,000 population above the national average to the Northern Territory with 10.3% per 100,000 population below the national average. The other States and the Australian Capital Territory were within the range of $\pm 5.5\%$ per 100,000 population of the national average.

In comparison with other regions, capital cities have almost twice as many medical workers (Table 1), 64.0% more dental workers, 52.7% more pharmacists and 59.8% more allied health workers per 100,000 population. There were only slightly more nurses per 100,000 population in capital cities compared to other regions.

The 'other health' workers, however, reversed the capital city pattern by having 36.3% per 100,000 population more workers in other regions compared to capital cities. This is due to some of the occupations in other health groups that are more evident in a non-city environment, for example, Indigenous health worker and primary products inspector. This pattern is evident in all States and Territories but is particularly noticeable in the Northern Territory and Queensland.

On a relative population basis, Adelaide had more medical, dental, and nursing workers than any other part of Australia (Table 8), with 337.6, 72.6 and 1,326.6 per 100,000 population, respectively. The total health workers for Adelaide numbered 2,124.5 per 100,000 population. In contrast, the lowest number of workers on a population basis was non-metropolitan Western Australia, which had 1,201.8 health workers, 99.3 medical workers, 38.8 dentists, and 808.5 nurses per 100,000 population. Capital cities in every State and Territory had more medical staff per 100,000 population than did the other regions in the corresponding State or Territory.

Community services workers

There were 1,054.6 community services workers per 100,000 population in Australia (Table 25). New South Wales with 931.9 community service workers per 100,000 population was 11.6% below the national average. Western Australia and Queensland with 1,022.6 and 1,036.9 per 100,000 population, respectively, were also below the national average and all other States and Territories were above the average. The Australian Capital Territory had the greatest numbers with 1,453.6 per 100,000 population and had above average supply in all occupation groups, particularly children's care workers, special care workers and pre-primary and special education teachers.

The disparity between capital cities and regional areas in the distribution of health workers was not so evident among the community services workers. Tasmania had the greatest regional disparity with the capital city having 60.4% per 100,000 population more than the other regions of the State, followed by Western Australia, South Australia, Queensland and Northern Territory with the capital cities having 24.0%, 21.2%, 18.1% and 7.8% per 100,000

population, respectively, more than the rest of the State. In New South Wales and Victoria the capital cities had 9.5% and 8.6% per 100,000 population, respectively, less community services workers than the rest of the State.

The occupational distribution of community services workers reflects differences in the demographic characteristics and socioeconomic status in the population. Regional Northern Territory had the highest relative number of welfare, social, and community workers, with 316.2 per 100,000 population and regional Queensland had the fewest, with 109.3 per 100,000 population (only marginally less than Brisbane with 133.8 per 100,000 population).

Nationally, there were 280.5 persons per 100,000 population employed as children's care workers in capital cities, compared to 250.8 per 100,000 population in regional areas. Workforce participation rates and the age distribution of the population are crucial determinants of community childcare requirements. The Australian Capital Territory with a relatively young population and a high workforce participation rate had 433.2 children's care workers per 100,000 population, whereas Brisbane had 361.5 per 100,000 population. Regional South Australia had the fewest, with 181.4 per 100,000 population.

Counsellors were more prevalent in capital cities (20.6 per 100,000 population, compared with 16.3 per 100,000 population in other regional areas). Darwin had the most (44.7 per 100,000 population) and regional Queensland had the least (13.0 per 100,000 population).

The numbers of welfare associate professionals ranged from 30.5 per 100,000 population in Perth up to 57.4 per 100,000 population in metropolitan Darwin.

There were marginally more special care workers in regional areas (328.1 per 100,000 population) than in capital cities (318.2 per 100,000 population).

Table 1: Distribution of health and community services workers: capital city and other regions, Australia, 1996

	Persons employed (no.)		Persons per 100,000 pop.	
	Capital city	Other region	Capital city	Other region
Health workers				
Medical workers	33,336	10,670	303.6	157.6
Dental workers	6,640	2,498	60.5	36.9
Nursing workers	117,804	70,252	1072.9	1037.8
Pharmacist workers	8,265	3,335	75.3	49.3
Allied health workers	24,916	9,610	226.9	142.0
Other health workers	8,703	7,315	79.3	108.1
<i>Total health workers</i>	<i>199,664</i>	<i>103,680</i>	<i>1818.4</i>	<i>1531.6</i>
Community services workers				
Pre-primary and special education teachers and aides	14,567	9,111	132.7	134.6
Welfare, social, and community workers	18,927	10,385	172.4	153.4
Counsellors	2,258	1,101	20.6	16.3
Welfare associate professionals	4,685	2,723	42.7	40.2
Children's care worker	30,799	16,975	280.5	250.8
Special care workers	34,939	22,208	318.2	330.4
<i>Total community services workers</i>	<i>106,175</i>	<i>62,660</i>	<i>967.0</i>	<i>925.6</i>
Total all workers	305,839	166,340	2785.3	2457.2

Source: AIHW from ABS data.

Health occupations and industries tables

Table 2: Persons employed in health occupations: sex, States and Territories, 1996

Occupation	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
Males									
Medical workers									
Medical administrator	212	124	129	86	62	22	16	27	678
Generalist medical practitioner	6,423	4,502	2,918	1,527	1,605	435	142	290	17,842
Medical practitioner-in-training	502	363	273	144	126	38	28	32	1,506
Anaesthetist	485	369	252	155	152	45	12	19	1,489
Dermatologist	47	30	21	11	14	—	—	3	126
Emergency medicine specialist	42	36	25	11	19	3	3	6	145
Obstetrician & gynaecologist	234	162	121	65	52	15	9	12	670
Ophthalmologist	132	94	65	44	32	5	3	3	378
Paediatrician	173	104	87	40	30	6	13	6	459
Pathologist	289	156	161	82	65	18	7	12	790
Specialist physician	491	312	189	135	120	20	3	37	1,307
Psychiatrist	398	384	173	122	103	31	9	15	1,235
Radiologist	304	215	172	91	96	28	—	18	924
Surgeon	956	733	464	280	248	64	18	38	2,801
Specialist medical practitioner nec	107	32	26	25	22	—	—	10	222
Medical specialist nfd	257	186	130	75	62	10	7	18	745
<i>Total</i>	<i>11,052</i>	<i>7,802</i>	<i>5,206</i>	<i>2,893</i>	<i>2,808</i>	<i>740</i>	<i>270</i>	<i>546</i>	<i>31,317</i>
Medical imaging workers									
Medical diagnostic radiographer	611	403	325	101	138	35	17	23	1,653
Radiation therapist	46	50	35	11	13	8	—	3	166
Nuclear medicine technologist	64	33	8	14	9	5	3	4	140
Sonographer	52	39	19	11	7	4	—	—	132
<i>Total</i>	<i>773</i>	<i>525</i>	<i>387</i>	<i>137</i>	<i>167</i>	<i>52</i>	<i>20</i>	<i>30</i>	<i>2,091</i>
Dental workers									
Dentist	1,935	1,214	972	469	543	86	40	102	5,361
Dental specialist	191	145	112	66	68	12	3	20	617
Dental therapist & hygienist	3	4	15	—	5	3	3	3	36
Dental technician	737	624	458	185	259	59	10	43	2,375
Dental assistant	55	20	21	15	11	—	—	3	125
<i>Total</i>	<i>2,921</i>	<i>2,007</i>	<i>1,578</i>	<i>735</i>	<i>886</i>	<i>160</i>	<i>56</i>	<i>171</i>	<i>8,514</i>
Nursing workers									
Director of nursing	183	69	53	29	28	10	—	—	372
Nurse manager	304	250	68	38	43	15	3	3	724
Nurse educator	54	52	36	25	17	5	3	3	195
Nurse researcher	4	8	3	3	3	—	—	3	24
Registered nurse	3,378	1,992	1,849	991	692	332	108	106	9,448
Registered midwife	49	25	20	16	13	10	6	4	143
Registered mental health nurse	556	713	334	241	335	75	19	21	2,294
Reg'd developmental disability nurse	118	114	8	15	4	5	—	—	264
Nursing professional nfd	77	95	38	19	29	5	3	3	269
Enrolled nurse	753	470	386	208	125	40	35	31	2,048
Personal care assistant	1,923	930	1,776	340	891	155	65	97	6,177
Nursing assistant	1,302	666	647	350	270	142	5	25	3,407
<i>Total</i>	<i>8,701</i>	<i>5,384</i>	<i>5,218</i>	<i>2,275</i>	<i>2,450</i>	<i>794</i>	<i>247</i>	<i>296</i>	<i>25,365</i>

(continued)

Table 2 (continued): Persons employed in health occupations: sex, States and Territories, 1996

Occupation	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
Males									
Pharmacist workers									
Hospital pharmacist	160	154	107	40	68	10	5	7	551
Industrial pharmacist	140	112	43	20	29	3	—	4	351
Retail pharmacist	1,900	1,413	1,021	425	547	142	18	76	5,542
<i>Total</i>	<i>2,200</i>	<i>1,679</i>	<i>1,171</i>	<i>485</i>	<i>644</i>	<i>155</i>	<i>23</i>	<i>87</i>	<i>6,444</i>
Allied health workers									
Occupational therapist	69	70	40	26	49	8	6	6	274
Optometrist	537	330	279	107	132	36	8	11	1,440
Physiotherapist	662	585	288	210	221	40	7	35	2,048
Speech pathologist	27	30	12	7	6	3	3	—	88
Chiropractor	440	362	246	149	95	17	10	18	1,337
Osteopath	89	43	10	—	15	3	—	5	165
Podiatrist	147	138	65	72	74	14	—	8	518
Dietitian	58	24	35	22	6	3	3	3	154
Naturopath	174	174	153	57	38	13	—	12	621
Acupuncturist	129	40	65	7	8	3	—	7	259
Natural therapy professional nec	80	54	45	10	11	3	—	—	203
Audiologist	57	40	33	25	20	10	4	3	192
Orthoptist	15	17	5	—	3	—	—	—	40
Orthotist	82	79	38	28	22	11	3	3	266
Health professional nec	105	22	33	16	5	6	—	3	190
Clinical psychologist	616	471	229	127	182	35	12	54	1,726
Therapy aide	42	34	24	8	51	6	—	—	165
<i>Total</i>	<i>3,287</i>	<i>2,479</i>	<i>1,576</i>	<i>863</i>	<i>887</i>	<i>205</i>	<i>56</i>	<i>168</i>	<i>9,521</i>
Other health									
Medical scientist	1,070	1,091	534	392	424	79	31	99	3,720
Health information manager	69	45	55	25	32	6	4	13	249
Occupational health & safety officer	454	368	267	167	195	54	16	41	1,562
Environmental health officer	1,221	479	908	220	431	88	53	61	3,461
Medical laboratory technical officer	666	337	333	223	174	45	17	42	1,837
Medical technical officer nec	166	412	105	14	74	14	6	5	796
Ambulance officer	1,102	744	1,116	338	136	70	37	25	3,568
Intensive care ambulance paramedic	697	434	157	26	117	49	11	25	1,516
Indigenous health worker	36	5	54	12	45	3	51	—	206
Massage therapist	257	183	90	55	27	13	5	18	648
Primary products inspector	765	437	717	225	291	87	43	33	2,598
Safety inspector	970	579	756	268	462	92	44	52	3,223
Admissions clerk	80	62	28	11	18	4	3	3	209
Natural remedy consultant	154	190	87	35	43	22	3	4	538
Weight loss consultant	11	6	4	6	6	—	—	—	33
<i>Total</i>	<i>7,718</i>	<i>5,372</i>	<i>5,211</i>	<i>2,017</i>	<i>2,475</i>	<i>626</i>	<i>324</i>	<i>421</i>	<i>24,164</i>
Total males	36,652	25,248	20,347	9,405	10,317	2,732	996	1,719	107,416

(continued)

Table 2 (continued): Persons employed in health occupations: sex, States and Territories, 1996

Occupation	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
Females									
Medical workers									
Medical administrator	380	351	160	133	111	40	17	50	1,242
Generalist medical practitioner	2,998	2,052	1,495	689	752	233	93	200	8,512
Medical practitioner-in-training	390	263	184	139	101	33	20	24	1,154
Anaesthetist	156	107	90	35	26	10	3	4	431
Dermatologist	31	11	17	9	5	3	—	—	76
Emergency medicine specialist	22	13	4	3	4	—	—	3	49
Obstetrician & gynaecologist	62	54	30	23	17	3	—	5	194
Ophthalmologist	20	17	8	8	5	3	—	—	61
Paediatrician	98	55	36	22	23	4	6	—	244
Pathologist	388	186	190	47	42	15	9	21	898
Specialist physician	124	97	38	24	25	3	—	5	316
Psychiatrist	188	191	82	65	65	10	3	8	612
Radiologist	77	54	41	34	37	6	—	7	256
Surgeon	47	59	30	14	10	6	3	—	169
Specialist medical practitioner nec	42	30	14	14	13	5	—	4	122
Medical specialist nfd	82	59	41	24	19	3	3	6	237
<i>Total</i>	<i>5,105</i>	<i>3,599</i>	<i>2,460</i>	<i>1,283</i>	<i>1,255</i>	<i>377</i>	<i>157</i>	<i>337</i>	<i>14,573</i>
Medical imaging workers									
Medical diagnostic radiographer	1,101	705	514	301	285	79	27	54	3,066
Radiation therapist	177	156	94	37	45	15	—	10	534
Nuclear medicine technologist	105	67	23	22	34	6	—	4	261
Sonographer	279	86	90	39	37	15	6	21	573
<i>Total</i>	<i>1,662</i>	<i>1,014</i>	<i>721</i>	<i>399</i>	<i>401</i>	<i>115</i>	<i>33</i>	<i>89</i>	<i>4,434</i>
Dental workers									
Dentist	544	382	240	128	140	23	13	43	1,513
Dental specialist	40	26	12	14	8	3	—	3	106
Dental therapist & hygienist	294	199	363	216	309	67	17	36	1,501
Dental technician	178	119	103	39	65	21	3	12	540
Dental assistant	3,571	2,668	2,190	1,043	1,143	229	85	208	11,137
<i>Total</i>	<i>4,627</i>	<i>3,394</i>	<i>2,908</i>	<i>1,440</i>	<i>1,665</i>	<i>343</i>	<i>118</i>	<i>302</i>	<i>14,797</i>
Nursing workers									
Director of nursing	1,113	660	484	204	177	62	34	26	2,760
Nurse manager	1,848	2,468	494	203	304	85	19	34	5,455
Nurse educator	556	380	273	108	148	60	16	40	1,581
Nurse researcher	62	100	29	40	34	—	—	—	265
Registered nurse	41,130	31,085	23,091	11,256	11,153	3,785	1,117	1,866	124,483
Registered midwife	3,093	2,768	1,807	1,247	1,103	344	171	225	10,758
Registered mental health nurse	988	1,146	539	436	466	86	21	63	3,745
Reg'd developmental disability nurse	426	230	56	41	37	20	3	12	825
Nursing professional nfd	320	395	160	85	123	20	6	8	1,117
Enrolled nurse	6,416	6,642	3,515	2,770	2,169	480	220	299	22,511
Personal care assistant	3,380	3,837	1,229	723	877	319	73	91	10,529
Nursing assistant	8,744	2,855	4,647	3,162	2,271	640	32	183	22,534
<i>Total</i>	<i>68,076</i>	<i>52,566</i>	<i>36,324</i>	<i>20,275</i>	<i>18,862</i>	<i>5,901</i>	<i>1,712</i>	<i>2,847</i>	<i>206,563</i>

(continued)

Table 2 (continued): Persons employed in health occupations: sex, States and Territories, 1996

Occupation	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
Females									
Pharmacist workers									
Hospital pharmacist	371	371	200	82	87	34	9	25	1,179
Industrial pharmacist	154	127	38	15	15	3	—	3	355
Retail pharmacist	1,565	1,119	720	317	383	110	23	91	4,328
<i>Total</i>	<i>2,090</i>	<i>1,617</i>	<i>958</i>	<i>414</i>	<i>485</i>	<i>147</i>	<i>32</i>	<i>119</i>	<i>5,862</i>
Allied health workers									
Occupational therapist	1,344	1,087	607	299	538	116	34	64	4,089
Optometrist	312	212	156	40	61	19	5	10	815
Physiotherapist	2,467	1,488	1,175	629	715	183	45	146	6,848
Speech pathologist	694	589	414	206	232	60	21	36	2,252
Chiropractor	128	113	62	34	22	5	—	9	373
Osteopath	39	29	9	3	11	3	—	—	94
Podiatrist	258	326	128	101	78	36	—	14	941
Dietitian	579	411	231	125	126	21	13	58	1,564
Naturopath	433	309	284	107	109	18	7	21	1,288
Acupuncturist	89	26	61	12	6	3	3	5	205
Natural therapy professional nec	93	52	46	13	15	—	—	8	227
Audiologist	164	145	85	29	45	11	6	12	497
Orthoptist	149	111	19	8	10	7	—	4	308
Orthotist	15	34	5	7	3	4	—	—	68
Health professional nec	977	265	361	165	32	86	5	19	1,910
Clinical psychologist	1,202	1,089	469	188	378	84	26	93	3,529
Therapy aide	292	301	145	168	290	39	12	6	1,253
<i>Total</i>	<i>9,235</i>	<i>6,587</i>	<i>4,257</i>	<i>2,134</i>	<i>2,671</i>	<i>695</i>	<i>177</i>	<i>505</i>	<i>26,261</i>
Other health									
Medical scientist	1,759	1,945	803	419	615	103	36	114	5,794
Health information manager	256	298	135	27	31	17	12	21	797
Occupational health & safety officer	358	292	212	133	155	43	13	33	1,239
Environmental health officer	534	314	393	115	199	32	34	45	1,666
Medical laboratory technical officer	1,673	871	926	638	509	84	40	85	4,826
Medical technical officer nec	265	193	114	49	115	9	3	8	756
Ambulance officer	162	58	172	91	34	12	13	4	546
Intensive care ambulance paramedic	197	25	23	24	25	7	4	24	329
Indigenous health worker	73	18	142	36	86	4	137	3	499
Massage therapist	565	390	310	132	116	27	15	59	1,614
Primary products inspector	68	53	91	18	45	9	—	20	304
Safety inspector	126	89	76	53	62	9	7	14	436
Admissions clerk	1,013	940	213	208	452	104	31	51	3,012
Natural remedy consultant	357	323	213	87	250	23	6	22	1,281
Weight loss consultant	252	186	142	60	82	18	6	9	755
<i>Total</i>	<i>7,658</i>	<i>5,995</i>	<i>3,965</i>	<i>2,090</i>	<i>2,776</i>	<i>501</i>	<i>357</i>	<i>512</i>	<i>23,854</i>
Total females	98,453	74,772	51,593	28,035	28,115	8,079	2,586	4,711	296,344

(continued)

Table 2 (continued): Persons employed in health occupations: sex, States and Territories, 1996

Occupation	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
Persons									
Medical workers									
Medical administrator	592	475	289	219	173	62	33	77	1,920
Generalist medical practitioner	9,421	6,554	4,413	2,216	2,357	668	235	490	26,354
Medical practitioner-in-training	892	626	457	283	227	71	48	56	2,660
Anaesthetist	641	476	342	190	178	55	15	23	1,920
Dermatologist	78	41	38	20	19	3	—	3	202
Emergency medicine specialist	64	49	29	14	23	3	3	9	194
Obstetrician & gynaecologist	296	216	151	88	69	18	9	17	864
Ophthalmologist	152	111	73	52	37	8	3	3	439
Paediatrician	271	159	123	62	53	10	19	6	703
Pathologist	677	342	351	129	107	33	16	33	1,688
Specialist physician	615	409	227	159	145	23	3	42	1,623
Psychiatrist	586	575	255	187	168	41	12	23	1,847
Radiologist	381	269	213	125	133	34	—	25	1,180
Surgeon	1,003	792	494	294	258	70	21	38	2,970
Specialist medical practitioner nec	149	62	40	39	35	5	—	14	344
Medical specialist nfd	339	245	171	99	81	13	10	24	982
<i>Total</i>	<i>16,157</i>	<i>11,401</i>	<i>7,666</i>	<i>4,176</i>	<i>4,063</i>	<i>1,117</i>	<i>427</i>	<i>883</i>	<i>45,890</i>
Medical imaging workers									
Medical diagnostic radiographer	1,712	1,108	839	402	423	114	44	77	4,719
Radiation therapist	223	206	129	48	58	23	—	13	700
Nuclear medicine technologist	169	100	31	36	43	11	3	8	401
Sonographer	331	125	109	50	44	19	6	21	705
Medical imaging professional nfd	86	31	51	22	21	9	—	3	223
<i>Total</i>	<i>2,521</i>	<i>1,570</i>	<i>1,159</i>	<i>558</i>	<i>589</i>	<i>176</i>	<i>53</i>	<i>122</i>	<i>6,748</i>
Dental workers									
Dentist	2,479	1,596	1,212	597	683	109	53	145	6,874
Dental specialist	231	171	124	80	76	15	3	23	723
Dental therapist & hygienist	297	203	378	216	314	70	20	39	1,537
Dental technician	915	743	561	224	324	80	13	55	2,915
Dental assistant	3,626	2,688	2,211	1,058	1,154	229	85	211	11,262
<i>Total</i>	<i>7,548</i>	<i>5,401</i>	<i>4,486</i>	<i>2,175</i>	<i>2,551</i>	<i>503</i>	<i>174</i>	<i>473</i>	<i>23,311</i>
Nursing workers									
Director of nursing	1,296	729	537	233	205	72	34	26	3,132
Nurse manager	2,152	2,718	562	241	347	100	22	37	6,179
Nurse educator	610	432	309	133	165	65	19	43	1,776
Nurse researcher	66	108	32	43	37	—	—	3	289
Registered nurse	44,508	33,077	24,940	12,247	11,845	4,117	1,225	1,972	133,931
Registered midwife	3,142	2,793	1,827	1,263	1,116	354	177	229	10,901
Registered mental health nurse	1,544	1,859	873	677	801	161	40	84	6,039
Reg'd developmental disability nurse	544	344	64	56	41	25	3	12	1,089
Nursing professional nfd	397	490	198	104	152	25	9	11	1,386
Enrolled nurse	7,169	7,112	3,901	2,978	2,294	520	255	330	24,559
Personal care assistant	5,303	4,767	3,005	1,063	1,768	474	138	188	16,706
Nursing assistant	10,046	3,521	5,294	3,512	2,541	782	37	208	25,941
<i>Total</i>	<i>76,777</i>	<i>57,950</i>	<i>41,542</i>	<i>22,550</i>	<i>21,312</i>	<i>6,695</i>	<i>1,959</i>	<i>3,143</i>	<i>231,928</i>

(continued)

Table 2 (continued): Persons employed in health occupations: sex, States and Territories, 1996

Occupation	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
Persons									
Pharmacist workers									
Hospital pharmacist	531	525	307	122	155	44	14	32	1,730
Industrial pharmacist	294	239	81	35	44	6	—	7	706
Retail pharmacist	3,465	2,532	1,741	742	930	252	41	167	9,870
<i>Total</i>	<i>4,290</i>	<i>3,296</i>	<i>2,129</i>	<i>899</i>	<i>1,129</i>	<i>302</i>	<i>55</i>	<i>206</i>	<i>12,306</i>
Allied health workers									
Occupational therapist	1,413	1,157	647	325	587	124	40	70	4,363
Optometrist	849	542	435	147	193	55	13	21	2,255
Physiotherapist	3,129	2,073	1,463	839	936	223	52	181	8,896
Speech pathologist	721	619	426	213	238	63	24	36	2,340
Chiropractor	568	475	308	183	117	22	10	27	1,710
Osteopath	128	72	19	3	26	6	—	5	259
Podiatrist	405	464	193	173	152	50	—	22	1,459
Dietitian	637	435	266	147	132	24	16	61	1,718
Naturopath	607	483	437	164	147	31	7	33	1,909
Acupuncturist	218	66	126	19	14	6	3	12	464
Natural therapy professional nec	173	106	91	23	26	3	—	8	430
Audiologist	221	185	118	54	65	21	10	15	689
Orthoptist	164	128	24	8	13	7	—	4	348
Orthotist	97	113	43	35	25	15	3	3	334
Health professional nec	1,082	287	394	181	37	92	5	22	2,100
Clinical psychologist	1,818	1,560	698	315	560	119	38	147	5,255
Therapy aide	334	335	169	176	341	45	12	6	1,418
<i>Total</i>	<i>12,564</i>	<i>9,100</i>	<i>5,857</i>	<i>3,005</i>	<i>3,609</i>	<i>906</i>	<i>233</i>	<i>673</i>	<i>35,947</i>
Other health									
Medical scientist	2,829	3,036	1,337	811	1,039	182	67	213	9,514
Health information manager	325	343	190	52	63	23	16	34	1,046
Occupational health & safety officer	812	660	479	300	350	97	29	74	2,801
Environmental health officer	1,755	793	1,301	335	630	120	87	106	5,127
Medical laboratory technical officer	2,339	1,208	1,259	861	683	129	57	127	6,663
Medical technical officer nec	431	605	219	63	189	23	9	13	1,552
Ambulance officer	1,264	802	1,288	429	170	82	50	29	4,114
Intensive care ambulance paramedic	894	459	180	50	142	56	15	49	1,845
Indigenous health worker	109	23	196	48	131	7	188	3	705
Massage therapist	822	573	400	187	143	40	20	77	2,262
Primary products inspector	833	490	808	243	336	96	43	53	2,902
Safety inspector	1,096	668	832	321	524	101	51	66	3,659
Admissions clerk	1,093	1,002	241	219	470	108	34	54	3,221
Natural remedy consultant	511	513	300	122	293	45	9	26	1,819
Weight loss consultant	263	192	146	66	88	18	6	9	788
<i>Total</i>	<i>15,376</i>	<i>11,367</i>	<i>9,176</i>	<i>4,107</i>	<i>5,251</i>	<i>1,127</i>	<i>681</i>	<i>933</i>	<i>48,018</i>
Total	135,233	100,085	72,015	37,470	38,504	10,826	3,582	6,433	404,148

Source: ABS.

Table 3: Persons employed in health occupations per 100,000 population: States and Territories, 1996

Occupation	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
Medical workers									
Medical administrator	9.9	10.8	8.9	15.2	10.1	13.3	18.8	25.7	10.8
Generalist medical practitioner	156.9	148.5	135.9	154.2	138.2	143.8	134.0	163.9	148.5
Medical practitioner-in-training	14.9	14.2	14.1	19.7	13.3	15.3	27.4	18.7	15.0
Anaesthetist	10.7	10.8	10.5	13.2	10.4	11.8	8.6	7.7	10.8
Dermatologist	1.3	0.9	1.2	1.4	1.1	0.6	—	1.0	1.1
Emergency medicine specialist	1.1	1.1	0.9	1.0	1.3	0.6	1.7	3.0	1.1
Obstetrician & gynaecologist	4.9	4.9	4.6	6.1	4.0	3.9	5.1	5.7	4.9
Ophthalmologist	2.5	2.5	2.2	3.6	2.2	1.7	1.7	1.0	2.5
Paediatrician	4.5	3.6	3.8	4.3	3.1	2.2	10.8	2.0	4.0
Pathologist	11.3	7.7	10.8	9.0	6.3	7.1	9.1	11.0	9.5
Specialist physician	10.2	9.3	7.0	11.1	8.5	5.0	1.7	14.0	9.1
Psychiatrist	9.8	13.0	7.9	13.0	9.8	8.8	6.8	7.7	10.4
Radiologist	6.3	6.1	6.6	8.7	7.8	7.3	—	8.4	6.6
Surgeon	16.7	17.9	15.2	20.5	15.1	15.1	12.0	12.7	16.7
Specialist medical practitioner nec	2.5	1.4	1.2	2.7	2.1	1.1	—	4.7	1.9
Medical specialist nfd	5.6	5.6	5.3	6.9	4.7	2.8	5.7	8.0	5.5
<i>Total</i>	<i>269.0</i>	<i>258.3</i>	<i>236.1</i>	<i>290.6</i>	<i>238.2</i>	<i>240.5</i>	<i>243.5</i>	<i>295.3</i>	<i>258.5</i>
Medical imaging workers									
Medical diagnostic radiographer	28.5	25.1	25.8	28.0	24.8	24.5	25.1	25.7	26.6
Radiation therapist	3.7	4.7	4.0	3.3	3.4	5.0	—	4.3	3.9
Nuclear medicine technologist	2.8	2.3	1.0	2.5	2.5	2.4	1.7	2.7	2.3
Sonographer	5.5	2.8	3.4	3.5	2.6	4.1	3.4	7.0	4.0
<i>Total</i>	<i>42.0</i>	<i>35.6</i>	<i>35.7</i>	<i>38.8</i>	<i>34.5</i>	<i>37.9</i>	<i>30.2</i>	<i>40.8</i>	<i>38.0</i>
Dental workers									
Dentist	41.3	36.2	37.3	41.5	40.0	23.5	30.2	48.5	38.7
Dental specialist	3.8	3.9	3.8	5.6	4.5	3.2	1.7	7.7	4.1
Dental therapist & hygienist	4.9	4.6	11.6	15.0	18.4	15.1	11.4	13.0	8.7
Dental technician	15.2	16.8	17.3	15.6	19.0	17.2	7.4	18.4	16.4
Dental assistant	60.4	60.9	68.1	73.6	67.6	49.3	48.5	70.6	63.4
<i>Total</i>	<i>125.7</i>	<i>122.4</i>	<i>138.1</i>	<i>151.3</i>	<i>149.5</i>	<i>108.3</i>	<i>99.2</i>	<i>158.2</i>	<i>131.3</i>
Nursing workers									
Director of nursing	21.6	16.5	16.5	16.2	12.0	15.5	19.4	8.7	17.6
Nurse manager	35.8	61.6	17.3	16.8	20.3	21.5	12.5	12.4	34.8
Nurse educator	10.2	9.8	9.5	9.3	9.7	14.0	10.8	14.4	10.0
Nurse researcher	1.1	2.4	1.0	3.0	2.2	—	—	1.0	1.6
Registered nurse	741.0	749.3	768.0	852.1	694.3	886.2	698.7	659.4	754.5
Registered midwife	52.3	63.3	56.3	87.9	65.4	76.2	100.9	76.6	61.4
Registered mental health nurse	25.7	42.1	26.9	47.1	47.0	34.7	22.8	28.1	34.0
Reg'd developmental disability nurse	9.1	7.8	2.0	3.9	2.4	5.4	1.7	4.0	6.1
Nursing professional nfd	6.6	11.1	6.1	7.2	8.9	5.4	5.1	3.7	7.8
Enrolled nurse	119.4	161.1	120.1	207.2	134.5	111.9	145.4	110.4	138.4
Personal care assistant	88.3	108.0	92.5	74.0	103.6	102.0	78.7	62.9	94.1
Nursing assistant	167.3	79.8	163.0	244.4	148.9	168.3	21.1	69.6	146.1
<i>Total</i>	<i>1,278.3</i>	<i>1,312.8</i>	<i>1,279.3</i>	<i>1,569.0</i>	<i>1,249.3</i>	<i>1,441.2</i>	<i>1,117.3</i>	<i>1,051.0</i>	<i>1,306.6</i>

(continued)

Table 3 (continued): Persons employed in health occupations per 100,000 population: States and Territories, 1996

Occupation	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
Pharmacist workers									
Hospital pharmacist	8.8	11.9	9.5	8.5	9.1	9.5	8.0	10.7	9.7
Industrial pharmacist	4.9	5.4	2.5	2.4	2.6	1.3	—	2.3	4.0
Retail pharmacist	57.7	57.4	53.6	51.6	54.5	54.2	23.4	55.8	55.6
<i>Total</i>	<i>71.4</i>	<i>74.7</i>	<i>65.6</i>	<i>62.6</i>	<i>66.2</i>	<i>65.0</i>	<i>31.4</i>	<i>68.9</i>	<i>69.3</i>
Allied health workers									
Occupational therapist	23.5	26.2	19.9	22.6	34.4	26.7	22.8	23.4	24.6
Optometrist	14.1	12.3	13.4	10.2	11.3	11.8	7.4	7.0	12.7
Physiotherapist	52.1	47.0	45.1	58.4	54.9	48.0	29.7	60.5	50.1
Speech pathologist	12.0	14.0	13.1	14.8	14.0	13.6	13.7	12.0	13.2
Chiropractor	9.5	10.8	9.5	12.7	6.9	4.7	5.7	9.0	9.6
Osteopath	2.1	1.6	0.6	0.2	1.5	1.3	—	1.7	1.5
Podiatrist	6.7	10.5	5.9	12.0	8.9	10.8	—	7.4	8.2
Dietitian	10.6	9.9	8.2	10.2	7.7	5.2	9.1	20.4	9.7
Naturopath	10.1	10.9	13.5	11.4	8.6	6.7	4.0	11.0	10.8
Acupuncturist	3.6	1.5	3.9	1.3	0.8	1.3	1.7	4.0	2.6
Natural therapy professional nec	2.9	2.4	2.8	1.6	1.5	0.6	—	2.7	2.4
Audiologist	3.7	4.2	3.6	3.8	3.8	4.5	5.7	5.0	3.9
Orthoptist	2.7	2.9	0.7	0.6	0.8	1.5	—	1.3	2.0
Orthotist	1.6	2.6	1.3	2.4	1.5	3.2	1.7	1.0	1.9
Health professional nec	18.0	6.5	12.1	12.6	2.2	19.8	2.9	7.4	11.8
Clinical psychologist	30.3	35.3	21.5	21.9	32.8	25.6	21.7	49.2	29.6
Therapy aide	5.6	7.6	5.2	12.2	20.0	9.7	6.8	2.0	8.0
<i>Total</i>	<i>209.2</i>	<i>206.2</i>	<i>180.4</i>	<i>209.1</i>	<i>211.6</i>	<i>195.0</i>	<i>132.9</i>	<i>225.1</i>	<i>202.5</i>
Other health									
Medical scientist	47.1	68.8	41.2	56.4	60.9	39.2	38.2	71.2	53.6
Health information manager	5.4	7.8	5.9	3.6	3.7	5.0	9.1	11.4	5.9
Occupational health & safety officer	13.5	15.0	14.8	20.9	20.5	20.9	16.5	24.7	15.8
Environmental health officer	29.2	18.0	40.1	23.3	36.9	25.8	49.6	35.4	28.9
Medical laboratory technical officer	38.9	27.4	38.8	59.9	40.0	27.8	32.5	42.5	37.5
Medical technical officer nec	7.2	13.7	6.7	4.4	11.1	5.0	5.1	4.3	8.7
Ambulance officer	21.0	18.2	39.7	29.8	10.0	17.7	28.5	9.7	23.2
Intensive care ambulance paramedic	14.9	10.4	5.5	3.5	8.3	12.1	8.6	16.4	10.4
Indigenous health worker	1.8	0.5	6.0	3.3	7.7	1.5	107.2	1.0	4.0
Massage therapist	13.7	13.0	12.3	13.0	8.4	8.6	11.4	25.7	12.7
Primary products inspector	13.9	11.1	24.9	16.9	19.7	20.7	24.5	17.7	16.3
Safety inspector	18.2	15.1	25.6	22.3	30.7	21.7	29.1	22.1	20.6
Admissions clerk	18.2	22.7	7.4	15.2	27.6	23.2	19.4	18.1	18.1
Natural remedy consultant	8.5	11.6	9.2	8.5	17.2	9.7	5.1	8.7	10.2
Weight loss consultant	4.4	4.3	4.5	4.6	5.2	3.9	3.4	3.0	4.4
<i>Total</i>	<i>256.0</i>	<i>257.5</i>	<i>282.6</i>	<i>285.8</i>	<i>307.8</i>	<i>242.6</i>	<i>388.4</i>	<i>312.0</i>	<i>270.5</i>
Total	2,251.6	2,267.3	2,217.6	2,607.2	2,257.0	2,330.5	2,042.9	2,151.2	2,276.9

Source: AIHW from ABS data.

Table 4: Persons employed in health occupations: age and sex, 1996

Occupation	15-24	25-34	35-44	45-54	55-64	65 & over	Total
Males							
Medical workers							
Medical administrator	15	89	228	223	92	31	678
Generalist medical practitioner	302	3,875	5,170	4,371	2,359	1,798	17,875
Medical practitioner-in-training	151	801	313	154	63	24	1,506
Anaesthetist	—	291	522	431	196	48	1,488
Dermatologist	—	13	40	30	16	29	128
Emergency medicine specialist	—	68	57	9	5	3	142
Obstetrician & gynaecologist	—	84	163	238	139	45	669
Ophthalmologist	—	52	115	96	51	62	376
Paediatrician	—	91	162	153	37	15	458
Pathologist	25	135	240	225	108	57	790
Specialist physician	3	229	452	377	168	77	1,306
Psychiatrist	—	165	384	369	200	117	1,235
Radiologist	8	149	299	261	146	62	925
Surgeon	12	432	726	801	566	264	2,801
Specialist medical practitioner nec	9	251	279	224	123	81	967
<i>Total</i>	<i>525</i>	<i>6,725</i>	<i>9,150</i>	<i>7,962</i>	<i>4,269</i>	<i>2,713</i>	<i>31,344</i>
Medical imaging workers							
Medical diagnostic radiographer	184	488	547	307	105	22	1,653
Radiation therapist	46	59	37	20	4	—	166
Nuclear medicine technologist	24	57	41	14	3	—	139
Sonographer	7	60	50	14	3	—	134
<i>Total</i>	<i>261</i>	<i>664</i>	<i>675</i>	<i>355</i>	<i>115</i>	<i>22</i>	<i>2,092</i>
Dental workers							
Dentist	164	1,113	1,642	1,347	708	387	5,361
Dental specialist	3	59	238	193	86	38	617
Dental therapist & hygienist	8	19	4	—	—	3	34
Dental technician	257	611	760	426	198	123	2,375
Dental assistant	62	32	18	5	7	—	124
<i>Total</i>	<i>494</i>	<i>1,834</i>	<i>2,662</i>	<i>1,971</i>	<i>999</i>	<i>551</i>	<i>8,511</i>
Nursing workers							
Director of nursing	3	38	192	107	30	5	375
Nurse manager	7	164	333	169	49	—	722
Nurse educator & nurse researcher	7	58	94	40	11	4	214
Registered nurse	1,111	3,273	3,317	1,343	354	50	9,448
Registered midwife	3	43	85	10	—	—	141
Registered mental health nurse	78	446	1,064	563	128	15	2,294
Registered developmental disability nurse	9	61	118	57	16	4	265
Nursing professional nec	2	55	122	68	19	3	269
Enrolled nurse	272	667	679	318	104	8	2,048
Personal care assistant	752	1,657	1,710	1,264	744	50	6,177
Nursing assistant	726	997	843	550	267	24	3,407
<i>Total</i>	<i>2,970</i>	<i>7,459</i>	<i>8,557</i>	<i>4,489</i>	<i>1,722</i>	<i>163</i>	<i>25,360</i>

(continued)

Table 4 (continued): Persons employed in health occupations: age and sex, 1996

Occupation	15-24	25-34	35-44	45-54	55-64	65 & over	Total
Males							
Pharmacist workers							
Hospital pharmacist	45	107	117	131	126	25	551
Industrial pharmacist	40	121	65	68	47	10	351
Retail pharmacist	300	918	1,108	1,267	1,559	390	5,542
<i>Total</i>	<i>385</i>	<i>1,146</i>	<i>1,290</i>	<i>1,466</i>	<i>1,732</i>	<i>425</i>	<i>6,444</i>
Allied health workers							
Occupational therapist	51	101	77	39	5	3	276
Optometrist	101	424	562	176	97	80	1,440
Physiotherapist	262	874	626	203	63	20	2,048
Speech pathologist	15	29	17	14	9	—	84
Chiropractor	39	377	409	279	162	71	1,337
Osteopath	3	44	62	33	16	7	165
Podiatrist	87	206	139	45	24	18	519
Dietitian	9	65	36	31	5	6	152
Naturopath	19	111	200	185	80	27	622
Acupuncturist	5	44	109	55	36	9	258
Natural therapy professional nec	3	35	90	49	17	8	202
Audiologist	10	50	65	40	21	5	191
Orthoptist	15	16	6	—	—	—	37
Orthotist	26	66	90	60	15	8	265
Misc health professional nec	18	38	53	51	13	20	193
Clinical psychologist	29	308	572	575	169	73	1,726
Therapy aide	26	49	53	23	15	—	166
<i>Total</i>	<i>718</i>	<i>2,837</i>	<i>3,166</i>	<i>1,858</i>	<i>747</i>	<i>355</i>	<i>9,681</i>
Other health workers							
Medical scientist	183	1,137	1,359	814	191	36	3,720
Health information manager	25	50	80	71	21	3	250
Occupational health & safety officer	52	284	555	490	171	10	1,562
Environmental health officer	254	884	1,161	834	308	20	3,461
Medical laboratory technical officer	355	597	520	250	105	10	1,837
Medical technical officer nec, nfd	66	246	251	167	62	4	796
Ambulance officer	144	1,039	1,335	811	236	9	3,574
Intensive care ambulance paramedic	41	447	674	280	71	3	1,516
Indigenous health worker	39	61	69	27	9	—	205
Massage therapist	39	162	201	158	71	17	648
Primary products inspector	105	424	785	906	358	20	2,598
Safety inspector	69	473	1,048	1,104	480	49	3,223
Admissions clerk	38	49	55	49	15	3	209
Natural remedy consultant	38	96	136	161	78	29	538
Weight loss consultant	8	9	9	3	4	—	33
<i>Total</i>	<i>1,456</i>	<i>5,958</i>	<i>8,238</i>	<i>6,125</i>	<i>2,180</i>	<i>213</i>	<i>24,170</i>
Total (males)	6,809	26,623	33,738	24,226	11,764	4,442	107,602

(continued)

Table 4 (continued): Persons employed in health occupations: age and sex, 1996

Occupation	15-24	25-34	35-44	45-54	55-64	65 & over	Total
Females							
Medical workers							
Medical administrator	55	254	401	406	119	7	1,242
Generalist medical practitioner	273	3,032	3,033	1,493	466	225	8,522
Medical practitioner-in-training	167	583	252	112	39	—	1,153
Anaesthetist	4	145	159	83	32	8	431
Dermatologist	—	17	33	14	10	—	74
Emergency medicine specialist	—	24	16	6	—	—	46
Obstetrician & gynaecologist	3	65	86	30	11	—	195
Ophthalmologist	4	18	20	5	12	—	59
Paediatrician	3	125	76	35	5	3	247
Pathologist	82	291	279	185	50	11	898
Specialist physician	10	114	124	52	13	4	317
Psychiatrist	6	151	224	146	63	22	612
Radiologist	18	66	100	47	19	6	256
Surgeon	4	61	74	20	9	—	168
Specialist medical practitioner nec	1	150	118	61	17	12	359
<i>Total</i>	<i>630</i>	<i>5,096</i>	<i>4,995</i>	<i>2,695</i>	<i>865</i>	<i>298</i>	<i>14,579</i>
Medical imaging workers							
Medical diagnostic radiographer	455	875	1,022	593	118	3	3,066
Radiation therapist	128	164	151	69	20	3	535
Nuclear medicine technologist	84	79	58	32	8	—	261
Sonographer	18	243	233	76	—	—	570
<i>Total</i>	<i>685</i>	<i>1,361</i>	<i>1,464</i>	<i>770</i>	<i>146</i>	<i>6</i>	<i>4,432</i>
Dental workers							
Dentist	118	656	500	170	51	18	1,513
Dental specialist	11	24	46	18	—	4	103
Dental therapist & hygienist	197	641	601	60	3	—	1,502
Dental technician	105	192	152	62	23	6	540
Dental assistant	4,785	3,390	2,056	738	144	24	11,137
<i>Total</i>	<i>5,216</i>	<i>4,903</i>	<i>3,355</i>	<i>1,048</i>	<i>221</i>	<i>52</i>	<i>14,795</i>
Nursing workers							
Director of nursing	3	166	886	1,140	533	32	2,760
Nurse manager	43	1,026	2,030	1,721	606	29	5,455
Nurse educator & nurse researcher	18	432	723	519	138	20	1,850
Registered nurse	10,541	31,546	42,528	30,018	9,155	695	124,483
Registered midwife	140	3,531	4,711	1,923	437	16	10,758
Registered mental health nurse	295	961	1,507	783	182	17	3,745
Registered developmental disability nurse	78	220	306	161	56	3	824
Nursing professional nec	31	292	428	286	75	5	1,117
Enrolled nurse	2,024	6,508	8,573	4,311	1,029	66	22,511
Personal care assistant	1,347	1,869	3,077	3,240	946	50	10,529
Nursing assistant	4,285	4,700	6,500	5,490	1,464	95	22,534
<i>Total</i>	<i>18,805</i>	<i>51,251</i>	<i>71,269</i>	<i>49,592</i>	<i>14,621</i>	<i>1,028</i>	<i>206,566</i>

(continued)

Table 4 (continued): Persons employed in health occupations: age and sex, 1996

Occupation	15-24	25-34	35-44	45-54	55-64	65 & over	Total
Females							
Pharmacist workers							
Hospital pharmacist	149	367	347	219	90	7	1,179
Industrial pharmacist	45	165	87	38	19	—	354
Retail pharmacist	533	1,280	1,156	774	483	102	4,328
<i>Total</i>	<i>727</i>	<i>1,812</i>	<i>1,590</i>	<i>1,031</i>	<i>592</i>	<i>109</i>	<i>5,861</i>
Allied health workers							
Occupational therapist	669	1,539	1,137	569	164	11	4,089
Optometrist	151	360	236	55	11	3	816
Physiotherapist	629	2,211	2,188	1,245	488	87	6,848
Speech pathologist	382	975	605	234	45	11	2,252
Chiropractor	28	204	88	30	18	6	374
Osteopath	10	40	24	12	4	—	90
Podiatrist	159	360	173	120	71	60	943
Dietitian	155	603	465	274	52	15	1,564
Naturopath	86	289	411	375	109	18	1,288
Acupuncturist	6	40	94	45	17	—	202
Natural therapy professional nec	5	29	105	61	22	5	227
Audiologist	55	192	158	74	15	3	497
Orthoptist	71	121	73	31	6	6	308
Orthotist	18	32	11	3	4	—	68
Misc health professional nec	139	261	502	722	268	29	1,921
Clinical psychologist	188	903	1,072	1,042	273	51	3,529
Therapy aide	157	216	386	369	121	4	1,253
<i>Total</i>	<i>2,908</i>	<i>8,375</i>	<i>7,728</i>	<i>5,261</i>	<i>1,688</i>	<i>309</i>	<i>26,269</i>
Other health workers							
Medical scientist	675	2,306	1,723	894	184	12	5,794
Health information manager	123	300	237	112	25	—	797
Occupational health & safety officer	75	428	414	264	55	3	1,239
Environmental health officer	319	574	438	258	68	9	1,666
Medical laboratory technical officer	1,002	1,491	1,439	721	160	13	4,826
Medical technical officer nec, nfd	102	210	257	148	36	3	756
Ambulance officer	84	321	114	25	3	—	547
Intensive care ambulance paramedic	26	161	83	49	9	3	331
Indigenous health worker	63	141	179	84	30	3	500
Massage therapist	163	470	601	288	87	5	1,614
Primary products inspector	56	126	69	43	11	—	305
Safety inspector	40	164	134	81	17	—	436
Admissions clerk	188	589	1,026	918	272	19	3,012
Natural remedy consultant	128	326	410	312	92	13	1,281
Weight loss consultant	102	220	208	162	51	12	755
<i>Total</i>	<i>3,146</i>	<i>7,827</i>	<i>7,332</i>	<i>4,359</i>	<i>1,100</i>	<i>95</i>	<i>23,859</i>
Total (females)	32,117	80,625	97,733	64,756	19,233	1,897	296,361

(continued)

Table 4 (continued): Persons employed in health occupations: age and sex, 1996

Occupation	15-24	25-34	35-44	45-54	55-64	65 & over	Total
Persons							
Medical workers							
Medical administrator	70	343	629	629	211	38	1,920
Generalist medical practitioner	575	6,907	8,203	5,864	2,825	2,023	26,397
Medical practitioner-in-training	318	1,384	565	266	102	24	2,659
Anaesthetist	4	436	681	514	228	56	1,919
Dermatologist	—	30	73	44	26	29	202
Emergency medicine specialist	—	92	73	15	5	3	188
Obstetrician & gynaecologist	3	149	249	268	150	45	864
Ophthalmologist	4	70	135	101	63	62	435
Paediatrician	3	216	238	188	42	18	705
Pathologist	107	426	519	410	158	68	1,688
Specialist physician	13	343	576	429	181	81	1,623
Psychiatrist	6	316	608	515	263	139	1,847
Radiologist	26	215	399	308	165	68	1,181
Surgeon	16	493	800	821	575	264	2,969
Specialist medical practitioner nec	10	401	397	285	140	93	1,326
<i>Total</i>	<i>1,155</i>	<i>11,821</i>	<i>14,145</i>	<i>10,657</i>	<i>5,134</i>	<i>3,011</i>	<i>45,923</i>
Medical imaging workers							
Medical diagnostic radiographer	639	1,363	1,569	900	223	25	4,719
Radiation therapist	174	223	188	89	24	3	701
Nuclear medicine technologist	108	136	99	46	11	—	400
Sonographer	25	303	283	90	3	—	704
<i>Total</i>	<i>946</i>	<i>2,025</i>	<i>2,139</i>	<i>1,125</i>	<i>261</i>	<i>28</i>	<i>6,524</i>
Dental workers							
Dentist	282	1,769	2,142	1,517	759	405	6,874
Dental specialist	14	83	284	211	86	42	720
Dental therapist & hygienist	205	660	605	60	3	3	1,536
Dental technician	362	803	912	488	221	129	2,915
Dental assistant	4,847	3,422	2,074	743	151	24	11,261
<i>Total</i>	<i>5,710</i>	<i>6,737</i>	<i>6,017</i>	<i>3,019</i>	<i>1,220</i>	<i>603</i>	<i>23,306</i>
Nursing workers							
Director of nursing	6	204	1,078	1,247	563	37	3,135
Nurse manager	50	1,190	2,363	1,890	655	29	6,177
Nurse educator & nurse researcher	25	490	817	559	149	24	2,064
Registered nurse	11,652	34,819	45,845	31,361	9,509	745	133,931
Registered midwife	143	3,574	4,796	1,933	437	16	10,899
Registered mental health nurse	373	1,407	2,571	1,346	310	32	6,039
Registered developmental disability nurse	87	281	424	218	72	7	1,089
Nursing professional nec	33	347	550	354	94	8	1,386
Enrolled nurse	2,296	7,175	9,252	4,629	1,133	74	24,559
Personal care assistant	2,099	3,526	4,787	4,504	1,690	100	16,706
Nursing assistant	5,011	5,697	7,343	6,040	1,731	119	25,941
<i>Total</i>	<i>21,775</i>	<i>58,710</i>	<i>79,826</i>	<i>54,081</i>	<i>16,343</i>	<i>1,191</i>	<i>231,926</i>

(continued)

Table 4 (continued): Persons employed in health occupations: age and sex, 1996

Occupation	15-24	25-34	35-44	45-54	55-64	65 & over	Total
Persons							
Pharmacist workers							
Hospital pharmacist	194	474	464	350	216	32	1,730
Industrial pharmacist	85	286	152	106	66	10	705
Retail pharmacist	833	2,198	2,264	2,041	2,042	492	9,870
<i>Total</i>	<i>1,112</i>	<i>2,958</i>	<i>2,880</i>	<i>2,497</i>	<i>2,324</i>	<i>534</i>	<i>12,305</i>
Allied health workers							
Occupational therapist	720	1,640	1,214	608	169	14	4,365
Optometrist	252	784	798	231	108	83	2,256
Physiotherapist	891	3,085	2,814	1,448	551	107	8,896
Speech pathologist	397	1,004	622	248	54	11	2,336
Chiropractor	67	581	497	309	180	77	1,711
Osteopath	13	84	86	45	20	7	255
Podiatrist	246	566	312	165	95	78	1,462
Dietitian	164	668	501	305	57	21	1,716
Naturopath	105	400	611	560	189	45	1,910
Acupuncturist	11	84	203	100	53	9	460
Natural therapy professional nec	8	64	195	110	39	13	429
Audiologist	65	242	223	114	36	8	688
Orthoptist	86	137	79	31	6	6	345
Orthotist	44	98	101	63	19	8	333
Misc health professional nec	157	299	555	773	281	49	2,114
Clinical psychologist	217	1,211	1,644	1,617	442	124	5,255
Therapy aide	183	265	439	392	136	4	1,419
<i>Total</i>	<i>3,626</i>	<i>11,212</i>	<i>10,894</i>	<i>7,119</i>	<i>2,435</i>	<i>664</i>	<i>35,950</i>
Other health workers							
Medical scientist	858	3,443	3,082	1,708	375	48	9,514
Health information manager	148	350	317	183	46	3	1,047
Occupational health & safety officer	127	712	969	754	226	13	2,801
Environmental health officer	573	1,458	1,599	1,092	376	29	5,127
Medical laboratory technical officer	1,357	2,088	1,959	971	265	23	6,663
Medical technical officer nec, nfd	168	456	508	315	98	7	1,552
Ambulance officer	228	1,360	1,449	836	239	9	4,121
Intensive care ambulance paramedic	67	608	757	329	80	6	1,847
Indigenous health worker	102	202	248	111	39	3	705
Massage therapist	202	632	802	446	158	22	2,262
Primary products inspector	161	550	854	949	369	20	2,903
Safety inspector	109	637	1,182	1,185	497	49	3,659
Admissions clerk	226	638	1,081	967	287	22	3,221
Natural remedy consultant	166	422	546	473	170	42	1,819
Weight loss consultant	110	229	217	165	55	12	788
<i>Total</i>	<i>4,602</i>	<i>13,785</i>	<i>15,570</i>	<i>10,484</i>	<i>3,280</i>	<i>308</i>	<i>48,029</i>
Total (persons)	38,926	107,248	131,471	88,982	30,997	6,339	403,963

Source: ABS.

Table 5: Persons employed in health occupations: industry sector, Australia, 1996

Occupation	Private sector	Public sector	Not stated	Total	% public sector
Medical workers					
Medical administrator	963	944	13	1,920	49.2
Generalist medical practitioner	20,254	5,941	202	26,397	22.5
Medical practitioner-in-training	526	2,122	12	2,660	79.8
Anaesthetist	1,144	768	8	1,920	40.0
Dermatologist	183	19	—	202	9.4
Emergency medicine specialist	38	153	—	191	80.1
Obstetrician & gynaecologist	634	220	9	863	25.5
Ophthalmologist	379	59	—	438	13.5
Paediatrician	320	381	3	704	54.1
Pathologist	966	713	9	1,688	42.2
Specialist physician	923	692	8	1,623	42.6
Psychiatrist	1,122	717	8	1,847	38.8
Radiologist	794	383	4	1,181	32.4
Surgeon	2,290	659	22	2,971	22.2
Specialist medical practitioners nfd	697	614	11	1,322	46.4
<i>Total</i>	<i>31,233</i>	<i>14,385</i>	<i>309</i>	<i>45,927</i>	<i>31.3</i>
Medical imaging workers					
Medical diagnostic radiographer	2,862	1,823	34	4,719	38.6
Radiation therapist	236	459	5	700	65.6
Nuclear medicine technologist	219	179	—	398	45.0
Sonographer	565	135	6	706	19.1
<i>Total</i>	<i>3,882</i>	<i>2,596</i>	<i>45</i>	<i>6,523</i>	<i>39.8</i>
Dental workers					
Dentist	5,866	961	47	6,874	14.0
Dental specialist	632	85	4	721	11.8
Dental therapist	377	880	11	1,268	69.4
Dental hygienist	218	47	4	269	17.5
Dental technician	2,422	467	26	2,915	16.0
Dental assistant	9,173	1,904	185	11,262	16.9
<i>Total</i>	<i>18,688</i>	<i>4,344</i>	<i>277</i>	<i>23,309</i>	<i>18.6</i>
Nursing workers					
Director of nursing	1,957	1,159	19	3,135	37.0
Nurse manager	3,012	3,136	30	6,178	50.8
Nurse educator	671	1,089	14	1,774	61.4
Nurse researcher	73	215	3	291	73.9
Registered nurse	68,755	63,516	1,660	133,931	47.4
Registered midwife	4,095	6,719	87	10,901	61.6
Registered mental health nurse	1,871	4,124	44	6,039	68.3
Registered developmental disability	416	661	12	1,089	60.7
Nursing professional nfd	517	857	8	1,382	62.0
Enrolled nurse	12,633	11,656	270	24,559	47.5
Personal care assistant	9,013	7,459	234	16,706	44.6
Nursing assistant	22,193	3,318	430	25,941	12.8
<i>Total</i>	<i>125,206</i>	<i>103,909</i>	<i>2,811</i>	<i>231,926</i>	<i>44.8</i>

(continued)

Table 5 (continued): Persons employed in health occupations: industry sector, Australia, 1996

Occupation	Private sector	Public sector	Not stated	Total	% public sector
Pharmacist workers					
Hospital pharmacist	516	1,211	3	1,730	70.0
Industrial pharmacist	646	60	—	706	8.5
Retail pharmacist	9,404	398	68	9,870	4.0
<i>Total</i>	<i>10,566</i>	<i>1,669</i>	<i>71</i>	<i>12,306</i>	<i>13.6</i>
Allied health workers					
Occupational therapist	1,911	2,422	30	4,363	55.5
Clinical psychologist	3,066	2,137	52	5,255	40.7
Optometrist	2,220	26	9	2,255	1.2
Physiotherapist	5,919	2,920	57	8,896	32.8
Speech pathologist	978	1,340	19	2,337	57.3
Chiropractor & osteopath	1,975	—	11	1,986	—
Podiatrist	1,239	215	8	1,462	14.7
Dietitian	796	906	14	1,716	52.8
Natural therapy professional	2,763	9	27	2,799	0.3
Audiologist	455	231	—	686	33.7
Orthoptist	288	57	3	348	16.4
Orthotist	193	139	3	335	41.5
Health professional nec	1,863	228	23	2,114	10.8
Therapy aide	995	414	10	1,419	29.2
<i>Total</i>	<i>24,661</i>	<i>11,044</i>	<i>266</i>	<i>35,971</i>	<i>30.7</i>
Other health workers					
Medical scientist	4,292	5,179	43	9,514	54.4
Health information manager	407	632	7	1,046	60.4
Occupational health & safety officer	1,642	1,132	26	2,800	40.4
Environmental health officer	1,111	3,982	34	5,127	77.7
Medical laboratory technical officer	4,021	2,605	37	6,663	39.1
Medical technical officer nec	712	829	11	1,552	53.4
Ambulance officer	707	3,392	22	4,121	82.3
Intensive care ambulance paramedic	360	1,468	17	1,845	79.6
Indigenous health worker	218	471	15	704	66.9
Massage therapist	2,218	17	27	2,262	0.8
Primary products inspector	659	2,220	24	2,903	76.5
Safety inspector	2,412	1,225	22	3,659	33.5
Admissions clerk	1,045	2,149	25	3,219	66.8
Natural remedy consultant	1,781	12	26	1,819	0.7
Weight loss consultant	774	3	12	789	0.4
<i>Total</i>	<i>22,359</i>	<i>25,316</i>	<i>348</i>	<i>48,023</i>	<i>52.7</i>
Total	236,595	163,263	4,127	403,985	40.4

Source: ABS.

Table 6: Persons employed in selected health occupations: 1986, 1991, 1996

Occupation	1986	1991	1996	% increase 1986-91	% increase 1991-96
Health diagnosis & treatment practitioners					
Medical practitioner					
Specialist practitioner	9,000	13,350	14,950	48.3	12.0
Generalist medical practitioner	23,790	25,450	29,056	7.0	14.2
<i>Total medical practitioners</i>	<i>32,790</i>	<i>38,800</i>	<i>44,006</i>	<i>18.3</i>	<i>13.4</i>
Dental practitioner	6,310	6,720	7,601	6.5	13.1
Pharmacist	10,640	10,880	12,310	2.3	13.1
Physiotherapist	5,930	7,120	8,896	20.1	24.9
Medical imaging professional	4,270	4,760	6,748	11.5	41.8
Occupational therapist	2,770	3,660	4,363	32.1	19.2
Speech pathologist	1,320	1,750	2,337	32.6	33.5
Optometrist	1,470	1,820	2,255	23.8	23.9
Chiropractor & osteopath	1,370	1,540	1,988	12.4	29.1
Podiatrist	980	1,140	1,462	16.3	28.2
Other health professional	3,880	5,750	7,985	48.2	38.9
<i>Total</i>	<i>71,730</i>	<i>83,940</i>	<i>99,951</i>	<i>17.0</i>	<i>19.1</i>
Nurses					
Registered	138,220	139,380	155,408	0.8	11.5
Enrolled	35,220	39,670	24,559	12.6	-38.1
<i>Total nurses</i>	<i>173,440</i>	<i>179,050</i>	<i>179,967</i>	<i>3.2</i>	<i>0.5</i>
Health related occupations					
Medical scientist	7,780	7,430	9,514	-4.5	28.0
Ambulance officers & paramedic	5,097	5,546	5,966	8.8	7.6
Dental assistant	8,800	9,590	11,262	9.0	17.4
<i>Total health-related occupations</i>	<i>21,677</i>	<i>22,566</i>	<i>26,742</i>	<i>4.1</i>	<i>18.5</i>
Total	266,847	285,556	306,660	7.0	7.4

Source: ABS.

Table 7: Persons employed in selected health occupations^(a): statistical region of usual residence, 1996

Statistical region	Medical workers	Dental workers	Nursing workers	Pharmacist workers	Allied health workers	Other health workers	Total health	Region population
New South Wales								
Sydney	11,243	2,091	34,173	2,719	8,236	2,426	60,888	3,454,369
Gosford-Wyong	512	74	2,797	140	443	292	4,258	263,055
Hunter	1,238	192	6,449	276	866	541	9,562	542,401
Illawarra	629	141	3,451	205	651	427	5,504	362,617
South Eastern	226	66	1,774	87	281	224	2,658	174,864
Richmond-Tweed	337	95	2,017	90	377	185	3,101	196,010
Mid-North Coast	376	95	2,425	135	368	215	3,614	257,311
Northern NSW	263	66	1,908	83	229	247	2,796	174,696
Far West-North Western	146	46	1,468	60	163	204	2,087	141,192
Central West	224	56	2,037	81	262	188	2,848	168,966
Murray-Murrumbidgee	342	95	2,591	113	332	262	3,735	254,515
Other NSW (undefined)	34	3	124	8	32	3	204	15,939
<i>NSW excl. Sydney</i>	<i>4,327</i>	<i>929</i>	<i>27,041</i>	<i>1,278</i>	<i>4,004</i>	<i>2,788</i>	<i>40,367</i>	<i>2,551,566</i>
<i>Total NSW</i>	<i>15,570</i>	<i>3,020</i>	<i>61,214</i>	<i>3,997</i>	<i>12,240</i>	<i>5,214</i>	<i>101,255</i>	<i>6,005,935</i>
Victoria								
Melbourne	9,043	1,625	33,576	2,352	6,953	1,980	55,529	3,158,153
Barwon-Western District	573	105	4,203	198	503	286	5,868	331,038
Central Highlands-Wimmera	302	55	2,700	101	296	161	3,615	182,629
Loddon-Mallee	319	71	3,142	122	345	206	4,205	238,914
Goulburn-Ovens-Murray	364	59	3,131	155	341	228	4,278	265,661
All Gippsland	297	53	2,345	124	304	201	3,324	228,460
Other Vic (undefined)	23	—	73	3	14	7	120	9,314
<i>Victoria excl. Melbourne</i>	<i>1,878</i>	<i>343</i>	<i>15,594</i>	<i>703</i>	<i>1,803</i>	<i>1,089</i>	<i>21,410</i>	<i>1,256,016</i>
<i>Total Victoria</i>	<i>10,921</i>	<i>1,968</i>	<i>49,170</i>	<i>3,055</i>	<i>8,756</i>	<i>3,069</i>	<i>76,939</i>	<i>4,414,169</i>
Queensland								
Brisbane	4,433	914	16,540	1,140	3,249	1,507	27,783	1,474,536
South and East Moreton	725	172	2,779	220	571	251	4,718	324,468
North and West Moreton	460	135	2,194	144	445	255	3,633	269,730
Wide Bay-Burnett	241	82	1,842	97	212	212	2,686	217,752
Darling Downs-South West	377	94	2,704	124	298	278	3,875	219,778
Mackay-Fitzroy-Central West	401	119	2,719	119	347	452	4,157	301,718
Northern-North West	407	91	2,267	90	286	317	3,458	220,906
Far North	333	101	1,887	104	260	335	3,020	203,808
Other Qld (undefined)	27	3	112	10	23	12	187	14,676
<i>Queensland excl. Brisbane</i>	<i>2,971</i>	<i>797</i>	<i>16,504</i>	<i>908</i>	<i>2,442</i>	<i>2,112</i>	<i>25,734</i>	<i>1,772,836</i>
<i>Total Queensland</i>	<i>7,404</i>	<i>1,711</i>	<i>33,044</i>	<i>2,048</i>	<i>5,691</i>	<i>3,619</i>	<i>53,517</i>	<i>3,247,372</i>
South Australia								
Adelaide	3,545	762	13,932	729	2,391	952	22,311	1,050,187
Northern and Western SA	145	41	1,649	55	136	170	2,196	156,003
Southern and Eastern SA	267	90	2,250	80	295	216	3,198	227,433
Other SA (undefined)	6	—	32	3	9	3	53	3,572
<i>South Australia excl. Adelaide</i>	<i>418</i>	<i>131</i>	<i>3,931</i>	<i>138</i>	<i>440</i>	<i>389</i>	<i>5,447</i>	<i>387,008</i>
<i>Total South Australia</i>	<i>3,963</i>	<i>893</i>	<i>17,863</i>	<i>867</i>	<i>2,831</i>	<i>1,341</i>	<i>27,758</i>	<i>1,437,195</i>

(continued)

Table 7 (continued): Persons employed in selected health occupations^(a): statistical region of usual residence, 1996

Statistical region	Medical workers	Dental workers	Nursing workers	Pharmacist workers	Allied health workers	Other health workers	Total health	Region population
Western Australia								
Perth	3,433	899	13,094	917	2,770	1,247	22,360	1,241,645
Lower Western WA	232	105	1,927	88	285	172	2,809	230,136
Remainder-Balance WA	221	71	1,768	78	197	344	2,679	226,734
Other WA (undefined)	8	4	59	—	21	—	92	7,435
<i>Western Australia excl. Perth</i>	<i>461</i>	<i>180</i>	<i>3,754</i>	<i>166</i>	<i>503</i>	<i>516</i>	<i>5,580</i>	<i>464,305</i>
<i>Total Western Australia</i>	<i>3,894</i>	<i>1,079</i>	<i>16,848</i>	<i>1,083</i>	<i>3,273</i>	<i>1,763</i>	<i>27,940</i>	<i>1,705,950</i>
Tasmania								
Greater Hobart-Southern	608	100	2,903	175	515	211	4,512	224,826
Mersey-Lyell	156	40	946	43	129	100	1,414	107,617
Northern Tasmania	291	52	1,544	78	210	49	2,224	131,305
Other Tas (undefined)	3	—	9	—	3	—	15	1,077
<i>Total Tasmania</i>	<i>1,058</i>	<i>192</i>	<i>5,402</i>	<i>296</i>	<i>857</i>	<i>360</i>	<i>8,165</i>	<i>464,825</i>
Northern Territory								
Darwin	228	44	852	34	138	111	1,407	78,385
Balance Northern Territory	151	26	873	21	76	272	1,419	94,574
Other NT (undefined)	14	—	50	—	—	—	64	2,373
<i>Total Northern Territory</i>	<i>393</i>	<i>70</i>	<i>1,775</i>	<i>55</i>	<i>214</i>	<i>383</i>	<i>2,890</i>	<i>175,332</i>
Australian Capital Territory								
Australian Capital Territory	803	205	2,734	199	664	269	4,874	298,279
Other ACT (undefined)	—	—	6	—	—	—	6	753
<i>Total Australian Capital Territory</i>	<i>803</i>	<i>205</i>	<i>2,740</i>	<i>199</i>	<i>664</i>	<i>269</i>	<i>4,880</i>	<i>299,032</i>
Total Australia	44,006	9,138	188,056	11,600	34,526	16,018	303,344	17,749,810

(a) Not all occupations are included in this table, hence the lower totals when compared with Table 2. Specifically, medical administrators, diagnostic imaging professionals, dental technicians, dental assistants, directors of nursing, nurse managers, nursing assistants, industrial pharmacists, medical scientists, health information managers, medical laboratory technical officers, massage therapists, primary products inspectors, safety inspectors, admissions clerks, natural remedy consultants, and weight loss consultants, are all excluded from the current table. Therapy aides and occupational health and safety officers are included in the 'other health workers' category in this table. The different lists of occupations are due to variations in source data obtained from ABS.

Source: ABS.

Table 8: Persons employed in selected health occupations^(a) per 100,000 population: statistical region of usual residence, 1996

Statistical region	Medical workers	Dental workers	Nursing workers	Pharmacist workers	Allied health workers	Other health workers	Total
New South Wales							
Sydney	325.5	60.5	989.3	78.7	238.4	70.2	1,762.6
Gosford-Wyong	194.6	28.1	1,063.3	53.2	168.4	111.0	1,618.7
Hunter	228.2	35.4	1,189.0	50.9	159.7	99.7	1,762.9
Illawarra	173.5	38.9	951.7	56.5	179.5	117.8	1,517.9
South Eastern	129.2	37.7	1,014.5	49.8	160.7	128.1	1,520.0
Richmond-Tweed	171.9	48.5	1,029.0	45.9	192.3	94.4	1,582.1
Mid-North Coast	146.1	36.9	942.4	52.5	143.0	83.6	1,404.5
Northern NSW	150.5	37.8	1,092.2	47.5	131.1	141.4	1,600.5
Far West-North Western	103.4	32.6	1,039.7	42.5	115.4	144.5	1,478.1
Central West	132.6	33.1	1,205.6	47.9	155.1	111.3	1,685.5
Murray-Murrumbidgee	134.4	37.3	1,018.0	44.4	130.4	102.9	1,467.5
Other NSW (undefined)	213.3	18.8	778.0	50.2	200.8	18.8	1,279.9
<i>NSW excl. Sydney</i>	<i>169.6</i>	<i>36.4</i>	<i>1,059.8</i>	<i>50.1</i>	<i>156.9</i>	<i>109.3</i>	<i>1,582.0</i>
<i>Total NSW</i>	<i>259.2</i>	<i>50.3</i>	<i>1,019.2</i>	<i>66.6</i>	<i>203.8</i>	<i>86.8</i>	<i>1,685.9</i>
Victoria							
Melbourne	286.3	51.5	1,063.2	74.5	220.2	62.7	1,758.3
Barwon-Western District	173.1	31.7	1,269.6	59.8	151.9	86.4	1,772.6
Central Highlands-Wimmera	165.4	30.1	1,478.4	55.3	162.1	88.2	1,979.4
Loddon-Mallee	133.5	29.7	1,315.1	51.1	144.4	86.2	1,760.0
Goulburn-Ovens-Murray	137.0	22.2	1,178.6	58.3	128.4	85.8	1,610.3
All Gippsland	130.0	23.2	1,026.4	54.3	133.1	88.0	1,455.0
Other Vic (undefined)	246.9	0.0	783.8	32.2	150.3	75.2	1,288.4
<i>Victoria excl. Melbourne</i>	<i>149.5</i>	<i>27.3</i>	<i>1,241.5</i>	<i>56.0</i>	<i>143.5</i>	<i>86.7</i>	<i>1,704.6</i>
<i>Total Victoria</i>	<i>247.4</i>	<i>44.6</i>	<i>1,113.9</i>	<i>69.2</i>	<i>198.4</i>	<i>69.5</i>	<i>1,743.0</i>
Queensland							
Brisbane	300.6	62.0	1,121.7	77.3	220.3	102.2	1,884.2
South and East Moreton	223.4	53.0	856.5	67.8	176.0	77.4	1,454.1
North and West Moreton	170.5	50.1	813.4	53.4	165.0	94.5	1,346.9
Wide Bay-Burnett	110.7	37.7	845.9	44.5	97.4	97.4	1,233.5
Darling Downs-South West	171.5	42.8	1,230.3	56.4	135.6	126.5	1,763.1
Mackay-Fitzroy-Central West	132.9	39.4	901.2	39.4	115.0	149.8	1,377.8
Northern-North West	184.2	41.2	1,026.2	40.7	129.5	143.5	1,565.4
Far North	163.4	49.6	925.9	51.0	127.6	164.4	1,481.8
Other Qld (undefined)	184.0	20.4	763.2	68.1	156.7	81.8	1,274.2
<i>Queensland excl. Brisbane</i>	<i>167.6</i>	<i>45.0</i>	<i>930.9</i>	<i>51.2</i>	<i>137.7</i>	<i>119.1</i>	<i>1,451.6</i>
<i>Total Queensland</i>	<i>228.0</i>	<i>52.7</i>	<i>1,017.6</i>	<i>63.1</i>	<i>175.2</i>	<i>111.4</i>	<i>1,648.0</i>
South Australia							
Adelaide	337.6	72.6	1,326.6	69.4	227.7	90.7	2,124.5
Northern and Western SA	92.9	26.3	1,057.0	35.3	87.2	109.0	1,407.7
Southern and Eastern SA	117.4	39.6	989.3	35.2	129.7	95.0	1,406.1
Other SA (undefined)	168.0	0.0	895.9	84.0	252.0	84.0	1,483.8
<i>South Australia excl. Adelaide</i>	<i>108.0</i>	<i>33.8</i>	<i>1,015.7</i>	<i>35.7</i>	<i>113.7</i>	<i>100.5</i>	<i>1,407.5</i>
<i>Total South Australia</i>	<i>275.7</i>	<i>62.1</i>	<i>1,242.9</i>	<i>60.3</i>	<i>197.0</i>	<i>93.3</i>	<i>1,931.4</i>

(continued)

Table 8 (continued): Persons employed in selected health occupations^(a) per 100,000 population: statistical region of usual residence, 1996

Statistical region	Medical workers	Dental workers	Nursing workers	Pharmacist workers	Allied health workers	Other health workers	Total
Western Australia							
Perth	276.5	72.4	1,054.6	73.9	223.1	100.4	1,800.8
Lower Western WA	100.8	45.6	837.3	38.2	123.8	74.7	1,220.6
Remainder-Balance WA	97.5	31.3	779.8	34.4	86.9	151.7	1,181.6
Other WA (undefined)	107.6	53.8	793.5	—	282.4	—	1,237.4
<i>Western Australia excl. Perth</i>	<i>99.3</i>	<i>38.8</i>	<i>808.5</i>	<i>35.8</i>	<i>108.3</i>	<i>111.1</i>	<i>1,201.8</i>
<i>Total Western Australia</i>	<i>228.3</i>	<i>63.2</i>	<i>987.6</i>	<i>63.5</i>	<i>191.9</i>	<i>103.3</i>	<i>1,637.8</i>
Tasmania							
Greater Hobart-Southern	270.4	44.5	1,291.2	77.8	229.1	93.9	2,006.9
Mersey-Lyell	145.0	37.2	879.0	40.0	119.9	92.9	1,313.9
Northern Tasmania	221.6	39.6	1,175.9	59.4	159.9	37.3	1,693.8
Other Tas (undefined)	278.6	—	835.7	—	278.6	—	1,392.8
<i>Total Tasmania</i>	<i>227.6</i>	<i>41.3</i>	<i>1,162.2</i>	<i>63.7</i>	<i>184.4</i>	<i>77.4</i>	<i>1,756.6</i>
Northern Territory							
Darwin	290.9	56.1	1,086.9	43.4	176.1	141.6	1,795.0
Balance Northern Territory	159.7	27.5	923.1	22.2	80.4	287.6	1,500.4
Other NT (undefined)	590.0	—	2,107.0	—	—	—	2,697.0
<i>Total Northern Territory</i>	<i>224.1</i>	<i>39.9</i>	<i>1,012.4</i>	<i>31.4</i>	<i>122.1</i>	<i>218.4</i>	<i>1,648.3</i>
Australian Capital Territory							
Australian Capital Territory	269.2	68.7	916.6	66.7	222.6	90.2	1,634.0
Other ACT (undefined)	—	—	796.8	—	—	—	796.8
<i>Total Australian Capital Territory</i>	<i>268.5</i>	<i>68.6</i>	<i>916.3</i>	<i>66.5</i>	<i>222.0</i>	<i>90.0</i>	<i>1,631.9</i>
Total Australia	247.9	51.5	1,059.5	65.4	194.5	90.2	1,709.0

(a) Not all occupations are included in this table, hence the lower totals when compared with Table 3. Specifically, medical administrators, diagnostic imaging professionals, dental technicians, dental assistants, directors of nursing, nurse managers, nursing assistants, industrial pharmacists, medical scientists, health information managers, medical laboratory technical officers, massage therapists, primary products inspectors, safety inspectors, admissions clerks, natural remedy consultants, and weight loss consultants, are all excluded from the current table. Therapy aides and occupational health and safety officers are included in the 'other health workers' category in this table. The different lists of occupations are due to variations in source data obtained from ABS.

Source: ABS.

Table 9: Persons employed in selected health occupations: Indigenous status, 1996

Occupation	Indigenous	Non-Indigenous	Not stated	Total	% Indigenous
Medical workers					
Medical administrator	21	1,888	11	1,920	1.1
Generalist medical practitioner	29	26,267	101	26,397	0.1
Medical practitioner-in-training	12	2,643	5	2,660	0.5
Specialist medical practitioner	20	14,859	71	14,950	0.1
<i>Total</i>	<i>82</i>	<i>45,657</i>	<i>188</i>	<i>45,927</i>	<i>0.2</i>
Medical imaging workers					
Medical diagnostic radiographer	7	4,698	14	4,719	0.1
Radiation therapist	—	694	5	699	—
Nuclear medicine technologist	—	397	3	400	—
Sonographer	—	698	8	706	—
<i>Total</i>	<i>7</i>	<i>6,487</i>	<i>30</i>	<i>6,524</i>	<i>0.1</i>
Dental workers					
Dentist	12	6,834	28	6,874	0.2
Dental specialist	—	719	3	722	—
Dental therapist & dental hygienist	8	1,523	7	1,808	0.4
Dental technician	10	2,892	13	2,915	0.3
Dental assistant	117	11,094	51	11,262	1.0
<i>Total</i>	<i>147</i>	<i>23,062</i>	<i>102</i>	<i>23,311</i>	<i>0.6</i>
Nursing workers					
Director of nursing	7	3,107	21	3,135	0.2
Nurse manager	13	6,134	31	6,178	0.2
Nurse educator	4	1,764	6	1,774	0.2
Nurse researcher	3	288	—	291	1.0
Registered nurse	609	132,533	789	133,931	0.5
Registered midwife	27	10,841	33	10,901	0.2
Registered mental health nurse	24	5,991	24	6,039	0.4
Registered developmental disability nurse	7	1,077	5	1,089	0.6
Enrolled nurse	564	23,860	135	24,559	2.3
Personal care assistant	224	16,346	136	16,706	1.3
Nursing assistant	345	25,412	184	25,941	1.3
<i>Total</i>	<i>1,827</i>	<i>227,353</i>	<i>1,364</i>	<i>230,544</i>	<i>0.8</i>

(continued)

Table 9 (continued): Persons employed in selected health occupations: Indigenous status, 1996

Occupation	Indigenous	Non-Indigenous	Not stated	Total	% Indigenous
Pharmacist workers					
Hospital pharmacist	3	1,725	4	1,732	0.2
Industrial pharmacist	—	705	—	705	—
Retail pharmacist	3	9,826	41	9,870	—
<i>Total</i>	6	12,256	45	12,307	—
Allied health workers					
Occupational therapist	5	4,334	24	4,363	0.1
Optometrist	3	2,244	9	2,256	0.1
Physiotherapist	16	8,844	36	8,896	0.2
Speech pathologist	3	2,328	6	2,337	0.1
Chiropractor & osteopath	3	1,977	8	1,988	0.2
Podiatrist	6	1,451	5	1,462	0.4
Dietitian	4	1,707	5	1,716	0.2
Natural therapy professional	9	2,770	20	2,799	0.3
Audiologist	4	683	—	687	0.6
Orthoptist	—	346	—	346	—
Orthotist	—	332	3	335	—
Health professional nec	7	2,097	10	2,114	0.3
Clinical psychologist	13	5,221	21	5,255	0.2
Therapy aide	10	1,394	15	1,419	0.7
<i>Total</i>	83	35,728	162	35,973	0.2
Other health occupations					
Medical scientist	22	9,461	31	9,514	0.2
Health information manager	6	1,038	—	1,044	0.6
Occupational health & safety officer	22	2,766	12	2,800	0.8
Environmental health officer	122	4,976	29	5,127	2.4
Medical laboratory technical officer	25	6,603	35	6,663	0.4
Medical technical officer nec, nfd	7	1,533	12	1,552	0.5
Ambulance officer	34	4,060	27	4,121	0.8
Intensive care ambulance paramedic	15	1,825	5	1,845	0.8
Indigenous health worker	667	36	3	706	94.5
Massage therapist	17	2,234	11	2,262	0.8
Primary products inspector	32	2,849	22	2,903	1.1
Safety inspector	27	3,612	20	3,659	0.7
Admissions clerk	20	3,188	11	3,219	0.6
Natural remedy consultant	6	1,789	24	1,819	0.3
Weight loss consultant	4	783	3	790	0.5
<i>Total</i>	1,026	46,753	245	48,024	2.1
Total	3,031	374,234	2,034	379,299	0.8

Source: ABS.

Table 10: Persons employed in selected health occupations: hours worked and sex, 1996

Occupation	None	1-15	16-24	25-34	35-39	40-48	49 or more	Not stated	Total
Males									
Medical workers									
Generalist medical practitioner	526	529	511	775	1,193	4,405	9,779	157	17,875
Medical practitioner-in-training	69	32	30	28	126	444	766	11	1,506
Anaesthetist	52	15	18	49	54	336	953	12	1,489
Dermatologist	—	5	4	5	13	35	63	3	128
Emergency medicine specialist	8	3	4	4	10	59	58	—	146
Obstetrician & gynaecologist	11	12	11	12	18	77	523	6	670
Ophthalmologist	10	20	25	22	23	101	174	3	378
Paediatrician	16	4	15	3	7	90	321	3	459
Pathologist	32	33	29	27	135	306	223	5	790
Specialist physician	23	35	28	29	39	227	913	12	1,306
Psychiatrist	55	30	32	53	104	446	508	7	1,235
Radiologist	48	27	22	24	62	328	409	5	925
Surgeon	78	72	72	82	65	365	2,050	17	2,801
Specialist medical practitioner nfd	38	34	31	28	53	249	529	—	961
<i>Total</i>	<i>966</i>	<i>851</i>	<i>832</i>	<i>1,141</i>	<i>1,902</i>	<i>7,468</i>	<i>17,269</i>	<i>241</i>	<i>30,670</i>
Medical imaging workers									
Medical imaging professional	76	42	45	66	852	799	251	16	2,147
<i>Total</i>	<i>76</i>	<i>42</i>	<i>45</i>	<i>66</i>	<i>852</i>	<i>799</i>	<i>251</i>	<i>16</i>	<i>2,147</i>
Dental workers									
Dentist	112	147	198	554	1,255	2,235	826	34	5,361
Dental specialist	14	14	23	46	91	204	222	—	614
Dental therapist & hygienist	—	—	3	3	11	20	—	—	37
<i>Total</i>	<i>126</i>	<i>161</i>	<i>224</i>	<i>603</i>	<i>1,357</i>	<i>2,459</i>	<i>1,048</i>	<i>34</i>	<i>6,012</i>
Nursing workers									
Director of nursing/nurse manager	46	10	15	39	277	559	145	7	1,098
Nurse educator & researcher	8	3	15	11	37	117	23	—	214
Registered nurse	510	283	608	1,027	2,718	3,722	482	98	9,448
Registered midwife	6	4	10	12	50	48	10	3	143
Mental health nurse & disability nurse	158	40	103	149	933	1,030	133	13	2,559
Enrolled nurse	110	89	209	249	567	706	89	29	2,048
Nursing professional nfd	20	—	8	7	84	130	15	—	264
Personal care assistant/therapy aide ^(a)	301	367	424	492	1,798	2,674	198	89	6,343
Nursing assistant	181	376	415	595	752	914	110	64	3,407
<i>Total</i>	<i>1,340</i>	<i>1,172</i>	<i>1,807</i>	<i>2,581</i>	<i>7,216</i>	<i>9,900</i>	<i>1,205</i>	<i>303</i>	<i>25,524</i>
Pharmacist workers									
Hospital pharmacist	14	11	15	23	145	269	72	3	552
Retail pharmacist	118	243	230	368	525	1,782	2,231	45	5,542
<i>Total</i>	<i>132</i>	<i>254</i>	<i>245</i>	<i>391</i>	<i>670</i>	<i>2,051</i>	<i>2,303</i>	<i>48</i>	<i>6,094</i>
Allied health workers									
Occupational therapist	10	5	17	16	80	118	24	4	274
Optometrist	30	41	37	66	184	728	347	7	1,440
Physiotherapist	55	70	59	150	356	808	541	9	2,048
Speech pathologist	—	3	4	10	22	30	14	—	83
Chiropractor & osteopath	46	77	90	274	283	486	243	19	1,518
Podiatrist	12	27	35	58	100	174	110	3	519
Dietitian	8	4	9	19	33	53	26	—	152
Natural therapy professional	21	158	115	165	149	300	156	18	1,082
Clinical psychologist	49	117	93	136	379	616	319	17	1,726
<i>Total</i>	<i>231</i>	<i>502</i>	<i>459</i>	<i>894</i>	<i>1,586</i>	<i>3,313</i>	<i>1,780</i>	<i>77</i>	<i>8,842</i>
Other health workers									
Ambulance officer & paramedic	436	43	56	114	669	2,699	1,024	49	5,090
Indigenous health worker	9	10	38	16	49	67	7	9	205
Occupational health & safety officer	60	25	20	43	438	666	297	13	1,562
<i>Total</i>	<i>505</i>	<i>78</i>	<i>114</i>	<i>173</i>	<i>1,156</i>	<i>3,432</i>	<i>1,328</i>	<i>71</i>	<i>6,857</i>

(continued)

Table 10 (continued): Persons employed in selected health occupations: hours worked and sex, 1996

Occupation	None	1-15	16-24	25-34	35-39	40-48	49 or more	Not stated	Total
Females									
Medical workers									
Generalist medical practitioner	361	840	1,183	1,213	971	1,946	1,963	45	8,522
Medical practitioner-in-training	73	47	63	60	129	355	422	5	1,154
Anaesthetist	21	17	39	56	35	102	157	4	431
Dermatologist	—	7	7	9	9	23	17	—	72
Emergency medicine specialist	6	3	3	3	—	14	18	3	50
Obstetrician & gynaecologist	12	5	10	13	12	45	93	3	193
Ophthalmologist	3	9	3	8	10	16	11	—	60
Paediatrician	15	19	22	25	13	59	91	3	247
Pathologist	42	57	101	112	221	280	81	4	898
Specialist physician	15	24	35	24	29	84	104	3	318
Psychiatrist	27	37	74	79	87	191	114	3	612
Radiologist	6	16	18	23	41	85	66	—	255
Surgeon	5	8	11	13	8	32	92	—	169
Specialist medical practitioner nfd	25	25	31	31	28	115	102	—	357
<i>Total</i>	<i>611</i>	<i>1,114</i>	<i>1,600</i>	<i>1,669</i>	<i>1,593</i>	<i>3,347</i>	<i>3,331</i>	<i>73</i>	<i>13,338</i>
Medical imaging workers									
Medical imaging professional	190	405	670	579	1,516	1,088	137	15	4,600
<i>Total</i>	<i>190</i>	<i>405</i>	<i>670</i>	<i>579</i>	<i>1,516</i>	<i>1,088</i>	<i>137</i>	<i>15</i>	<i>4,600</i>
Dental workers									
Dentist	40	140	191	254	388	397	95	8	1,513
Dental specialist	4	10	12	19	19	27	13	—	104
Dental therapist & hygienist	64	161	260	172	488	333	16	8	1,502
<i>Total</i>	<i>108</i>	<i>311</i>	<i>463</i>	<i>445</i>	<i>895</i>	<i>757</i>	<i>124</i>	<i>16</i>	<i>3,119</i>
Nursing workers									
Director of nursing/nurse manager	502	165	619	865	1,610	3,583	835	36	8,215
Nurse educator & researcher	93	144	263	239	367	642	91	12	1,851
Registered nurse	7,389	9,987	25,385	23,411	22,780	31,422	2,883	1,226	124,483
Registered midwife	841	801	2,735	2,067	1,685	2,386	162	81	10,758
Mental health nurse & disability nurse	351	193	685	585	1,174	1,417	135	29	4,569
Enrolled nurse	1,384	2,288	4,827	4,347	3,898	5,218	346	203	22,511
Nursing professional nfd	83	35	150	168	226	410	34	10	1,116
Personal care assistant/therapy aide ^(a)	542	2,070	2,503	2,477	1,860	1,984	199	147	11,782
Nursing assistant	1,252	3,553	4,966	5,806	3,442	2,748	375	392	22,534
<i>Total</i>	<i>12,437</i>	<i>19,236</i>	<i>42,133</i>	<i>39,965</i>	<i>37,042</i>	<i>49,810</i>	<i>5,060</i>	<i>2,136</i>	<i>207,819</i>
Pharmacist workers									
Hospital pharmacist	44	82	145	127	256	463	55	7	1,179
Retail pharmacist	139	618	563	599	670	1,148	555	36	4,328
<i>Total</i>	<i>183</i>	<i>700</i>	<i>708</i>	<i>726</i>	<i>926</i>	<i>1,611</i>	<i>610</i>	<i>43</i>	<i>5,507</i>
Allied health workers									
Occupational therapist	165	420	714	510	823	1,322	109	26	4,089
Optometrist	25	104	75	79	147	321	59	5	815
Physiotherapist	253	1,136	1,195	971	1,119	1,725	398	51	6,848
Speech pathologist	91	290	359	247	441	707	101	16	2,252
Chiropractor & osteopath	13	64	65	107	81	98	35	7	470
Podiatrist	30	152	129	151	147	237	89	8	943
Dietitian	69	170	237	198	312	509	57	12	1,564
Natural therapy professional	52	507	287	278	165	253	145	30	1,717
Clinical psychologist	140	458	453	487	644	1,043	272	32	3,529
<i>Total</i>	<i>838</i>	<i>3,301</i>	<i>3,514</i>	<i>3,028</i>	<i>3,879</i>	<i>6,215</i>	<i>1,265</i>	<i>187</i>	<i>22,227</i>
Other health workers									
Ambulance officer & paramedic	78	35	57	50	121	410	120	5	876
Indigenous health worker	22	41	67	39	105	186	21	18	499
Occupational health & safety officer	75	41	106	104	318	484	103	7	1,238
<i>Total</i>	<i>175</i>	<i>117</i>	<i>230</i>	<i>193</i>	<i>544</i>	<i>1,080</i>	<i>244</i>	<i>30</i>	<i>2,613</i>

(continued)

Table 10 (continued): Persons employed in selected health occupations: hours worked and sex, 1996

Occupation	None	1–15	16–24	25–34	35–39	40–48	49 or more	Not stated	Total
Persons									
Medical workers									
Generalist medical practitioner	887	1,369	1,694	1,988	2,164	6,351	11,742	202	26,397
Medical practitioner-in-training	142	79	93	88	255	799	1,188	16	2,660
Anaesthetist	73	32	57	105	89	438	1,110	16	1,920
Dermatologist	—	12	11	14	22	58	80	3	200
Emergency medicine specialist	14	6	7	7	10	73	76	3	196
Obstetrician & gynaecologist	23	17	21	25	30	122	616	9	863
Ophthalmologist	13	29	28	30	33	117	185	3	438
Paediatrician	31	23	37	28	20	149	412	6	706
Pathologist	74	90	130	139	356	586	304	9	1,688
Specialist physician	38	59	63	53	68	311	1,017	15	1,624
Psychiatrist	82	67	106	132	191	637	622	10	1,847
Radiologist	54	43	40	47	103	413	475	5	1,180
Surgeon	83	80	83	95	73	397	2,142	17	2,970
Specialist medical practitioner nfd	63	59	62	59	81	364	631	—	1,318
<i>Total</i>	<i>1,577</i>	<i>1,965</i>	<i>2,432</i>	<i>2,810</i>	<i>3,495</i>	<i>10,815</i>	<i>20,600</i>	<i>314</i>	<i>44,008</i>
Medical imaging workers									
Medical imaging professional	266	447	715	645	2,368	1,887	388	31	6,747
<i>Total</i>	<i>266</i>	<i>447</i>	<i>715</i>	<i>645</i>	<i>2,368</i>	<i>1,887</i>	<i>388</i>	<i>31</i>	<i>6,747</i>
Dental workers									
Dentist	152	287	389	808	1,643	2,632	921	42	6,874
Dental specialist	18	24	35	65	110	231	235	—	718
Dental therapist & hygienist	64	161	263	175	499	353	16	8	1,539
<i>Total</i>	<i>234</i>	<i>472</i>	<i>687</i>	<i>1,048</i>	<i>2,252</i>	<i>3,216</i>	<i>1,172</i>	<i>50</i>	<i>9,131</i>
Nursing workers									
Director of nursing/nurse manager	548	175	634	904	1,887	4,142	980	43	9,313
Nurse educator & researcher	101	147	278	250	404	759	114	12	2,065
Registered nurse	7,899	10,270	25,993	24,438	25,498	35,144	3,365	1,324	133,931
Registered midwife	847	805	2,745	2,079	1,735	2,434	172	84	10,901
Mental health nurse & disability nurse	509	233	788	734	2,107	2,447	268	42	7,128
Enrolled nurse	1,494	2,377	5,036	4,596	4,465	5,924	435	232	24,559
Nursing professional nfd	103	35	158	175	310	540	49	10	1,380
Personal care assistant/therapy aide ^(a)	843	2,437	2,927	2,969	3,658	4,658	397	236	18,125
Nursing assistant	1,433	3,929	5,381	6,401	4,194	3,662	485	456	25,941
<i>Total</i>	<i>13,777</i>	<i>20,408</i>	<i>43,940</i>	<i>42,546</i>	<i>44,258</i>	<i>59,710</i>	<i>6,265</i>	<i>2,439</i>	<i>233,343</i>
Pharmacist workers									
Hospital pharmacist	58	93	160	150	401	732	127	10	1,731
Retail pharmacist	257	861	793	967	1,195	2,930	2,786	81	9,870
<i>Total</i>	<i>315</i>	<i>954</i>	<i>953</i>	<i>1,117</i>	<i>1,596</i>	<i>3,662</i>	<i>2,913</i>	<i>91</i>	<i>11,601</i>
Allied health workers									
Occupational therapist	175	425	731	526	903	1,440	133	30	4,363
Optometrist	55	145	112	145	331	1,049	406	12	2,255
Physiotherapist	308	1,206	1,254	1,121	1,475	2,533	939	60	8,896
Speech pathologist	91	293	363	257	463	737	115	16	2,335
Chiropractor & osteopath	59	141	155	381	364	584	278	26	1,988
Podiatrist	42	179	164	209	247	411	199	11	1,462
Dietitian	77	174	246	217	345	562	83	12	1,716
Natural therapy professional	73	665	402	443	314	553	301	48	2,799
Clinical psychologist	189	575	546	623	1,023	1,659	591	49	5,255
<i>Total</i>	<i>1,069</i>	<i>3,803</i>	<i>3,973</i>	<i>3,922</i>	<i>5,465</i>	<i>9,528</i>	<i>3,045</i>	<i>264</i>	<i>31,069</i>
Other health workers									
Ambulance officer & paramedic	514	78	113	164	790	3,109	1,144	54	5,966
Indigenous health worker	31	51	105	55	154	253	28	27	704
Occupational health & safety officer	135	66	126	147	756	1,150	400	20	2,800
<i>Total</i>	<i>680</i>	<i>195</i>	<i>344</i>	<i>366</i>	<i>1,700</i>	<i>4,512</i>	<i>1,572</i>	<i>101</i>	<i>9,470</i>
Total	17,918	28,244	53,044	52,454	61,134	93,330	35,955	3,290	345,369

(a) Due to the collection method for these occupations the numbers are unable to be separated.

Source: ABS.

Table 11: Persons employed in selected health occupations: income, 1996

Occupation	Nil or no income	\$1– \$10,399	\$10,400– \$20,799	\$20,800– \$41,599	\$41,600– \$77,999	\$78,000+	Not stated	Total
Medical workers								
Generalist medical practitioner	39	170	517	4,331	9,942	11,024	374	26,397
Medical practitioner-in-training	3	29	88	802	1,268	453	20	2,663
Anaesthetist	—	6	8	80	405	1,406	17	1,922
Dermatologist	—	—	5	13	39	141	3	201
Emergency medicine specialist	—	—	3	14	63	109	—	189
Obstetrician & gynaecologist	—	3	9	41	187	618	3	861
Ophthalmologist	—	—	8	42	105	278	3	436
Paediatrician	—	8	14	72	233	373	6	706
Pathologist	—	39	137	535	450	506	17	1,684
Specialist physician	3	7	28	132	333	1,109	16	1,628
Psychiatrist	3	7	23	152	496	1,152	13	1,846
Radiologist	6	4	23	91	206	840	15	1,185
Surgeon	9	8	22	141	461	2,284	41	2,966
Specialist medical practitioner nec	3	20	22	155	473	639	14	1,326
<i>Total</i>	<i>66</i>	<i>301</i>	<i>907</i>	<i>6,601</i>	<i>14,661</i>	<i>20,932</i>	<i>542</i>	<i>44,010</i>
Medical imaging workers								
Medical imaging professional	3	143	511	3,288	2,613	111	71	6,740
<i>Total</i>	<i>3</i>	<i>143</i>	<i>511</i>	<i>3,288</i>	<i>2,613</i>	<i>111</i>	<i>71</i>	<i>6,740</i>
Dental workers								
Dentist	28	57	181	1,446	2,912	2,135	121	6,880
Dental specialist	3	4	20	83	156	442	10	718
Dental therapist & dental hygienist	—	68	343	966	148	6	16	1,547
<i>Total</i>	<i>31</i>	<i>129</i>	<i>544</i>	<i>2,495</i>	<i>3,216</i>	<i>2,583</i>	<i>147</i>	<i>9,145</i>
Nursing workers								
Director of nursing/nurse manager	10	59	327	3,041	5,675	125	79	9,316
Nurse educator & researcher	3	85	225	985	733	18	18	2,067
Registered nurse	275	6,584	26,684	81,970	16,098	259	2,061	133,931
Registered midwife	19	492	1,673	6,831	1,760	12	112	10,899
Mental health nurse/disability nurse	6	137	603	4,382	1,916	14	69	7,127
Enrolled nurse	38	2,075	8,580	13,169	336	27	336	24,561
Nursing professional nfd	3	18	100	768	477	3	10	1,379
Personal care assistant/therapy aide ^(a)	41	2,345	7,599	7,709	111	6	312	18,123
Nursing assistant	69	4,122	13,625	7,533	147	23	421	25,940
<i>Total</i>	<i>464</i>	<i>15,917</i>	<i>59,416</i>	<i>126,388</i>	<i>27,253</i>	<i>487</i>	<i>3,418</i>	<i>233,343</i>
Pharmacist workers								
Hospital pharmacist	3	28	145	799	691	43	20	1,729
Retail pharmacist	36	250	870	3,352	3,767	1,422	173	9,870
<i>Total</i>	<i>39</i>	<i>278</i>	<i>1,015</i>	<i>4,151</i>	<i>4,458</i>	<i>1,465</i>	<i>193</i>	<i>11,599</i>
Allied health workers								
Occupational therapist	3	201	635	2,612	842	38	28	4,359
Optometrist	9	41	112	835	941	302	22	2,262
Physiotherapist	29	458	1,181	4,563	2,179	361	126	8,897
Speech pathologist	—	132	342	1,394	433	19	16	2,336
Chiropractor & osteopath	5	84	232	852	521	244	45	1,983
Podiatrist	3	83	194	788	322	49	24	1,463
Dietitian	3	113	287	936	344	14	19	1,716
Natural therapy professional	63	619	928	933	148	37	71	2,799
Clinical psychologist	18	190	504	2,263	1,892	319	69	5,255
<i>Total</i>	<i>133</i>	<i>1,921</i>	<i>4,415</i>	<i>15,176</i>	<i>7,622</i>	<i>1,383</i>	<i>420</i>	<i>31,070</i>
Other health workers								
Ambulance officer & paramedic	9	41	220	3,268	2,312	26	88	5,964
Indigenous health worker	3	127	208	322	13	9	25	707
Occupational health & safety officer	3	36	145	1,359	1,133	95	29	2,800
<i>Total</i>	<i>15</i>	<i>204</i>	<i>573</i>	<i>4,949</i>	<i>3,458</i>	<i>130</i>	<i>142</i>	<i>9,471</i>
Total	751	18,893	67,381	163,048	63,281	27,091	4,933	345,378

(a) Due to the collection method for these occupations the numbers are unable to be separated.

Source: ABS.

Table 12: Persons with a highest qualification in a health field: States and Territories, 1991 and 1996

Qualification field	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
1991									
Medicine									
General medicine	11,716	8,144	5,139	2,967	2,873	862	335	621	32,657
Surgery	1,274	774	498	298	241	88	18	49	3,240
Psychiatry	562	409	277	143	108	32	12	11	1,554
Obstetrics & gynaecology	504	305	155	87	72	21	12	14	1,170
Anaesthesia	527	317	239	146	157	36	14	24	1,460
Pathology	410	195	132	75	80	19	6	30	947
Radiology	350	253	191	138	104	26	5	22	1,089
Internal medicine	1,994	1,299	728	209	210	51	32	41	4,564
Medicine nec	860	888	480	500	457	185	34	116	3,520
<i>Total</i>	<i>18,197</i>	<i>12,584</i>	<i>7,839</i>	<i>4,563</i>	<i>4,302</i>	<i>1,320</i>	<i>468</i>	<i>928</i>	<i>50,201</i>
Nursing									
Basic nursing	87,806	70,201	46,900	27,392	28,017	7,978	2,890	4,730	275,914
Midwifery	8,448	7,647	4,962	2,320	2,708	762	352	482	27,681
Mothercraft nursing	1,889	3,851	992	378	785	493	71	93	8,552
Psychiatric nursing	1,864	2,141	910	560	723	187	63	56	6,504
Community nursing	306	250	133	91	47	22	17	45	911
Nursing education	444	340	139	119	66	29	11	13	1,161
Nursing nec	5,109	3,429	2,224	950	836	351	89	155	13,143
<i>Total</i>	<i>105,866</i>	<i>87,859</i>	<i>56,260</i>	<i>31,810</i>	<i>33,182</i>	<i>9,822</i>	<i>3,493</i>	<i>5,574</i>	<i>333,866</i>
Dental studies									
Dental science	3,798	2,344	1,927	950	972	197	97	231	10,516
Dental assisting	3,547	4,871	2,885	1,825	2,249	340	159	233	16,109
Dental technology	1,259	955	778	327	393	77	28	55	3,872
<i>Total</i>	<i>8,604</i>	<i>8,170</i>	<i>5,590</i>	<i>3,102</i>	<i>3,614</i>	<i>614</i>	<i>284</i>	<i>519</i>	<i>30,497</i>
Other health									
Pharmacy	6,528	4,769	3,030	1,294	1,414	392	119	326	17,872
Physiotherapy	3,810	2,430	1,838	956	1,046	253	83	210	10,626
Occupational therapy	2,034	1,408	829	316	624	110	48	83	5,452
Radiography	2,528	1,718	1,158	689	680	197	64	123	7,157
Optometry	2,129	1,081	866	345	387	94	33	82	5,017
Chiropractic	526	450	272	187	101	19	11	19	1,585
Speech pathology	785	669	517	217	199	59	28	47	2,521
Nutrition & dietetics	1,085	787	376	197	277	35	28	65	2,850
Ambulance service	1,014	884	658	173	168	110	38	28	3,073
Occupational health & safety	614	418	285	214	262	23	27	62	1,905
Health sciences nec, nfd	3,132	2,785	1,809	975	1,030	210	91	274	10,306
Other health nec, nfd	1,957	1,317	1,081	939	930	141	171	231	6,767
Psychology	10,197	6,930	3,640	1,942	3,034	520	258	971	27,492
<i>Total</i>	<i>36,339</i>	<i>25,646</i>	<i>16,359</i>	<i>8,444</i>	<i>10,152</i>	<i>2,163</i>	<i>999</i>	<i>2,521</i>	<i>102,623</i>
Total	169,006	134,259	86,048	47,919	51,250	13,919	5,244	9,542	517,187

(continued)

Table 12 (continued): Persons with a highest qualification in a health field: States and Territories, 1991 and 1996

Qualification field	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
1996									
Medicine									
General medicine	14,286	9,559	6,106	3,452	3,352	1,007	337	758	38,857
Surgery	1,118	774	496	307	304	74	19	41	3,133
Psychiatry	525	481	257	159	125	44	9	15	1,615
Obstetrics & gynaecology	473	321	205	117	122	20	13	26	1,297
Anaesthesiology	572	393	299	147	184	42	16	18	1,671
Pathology	483	174	144	88	94	32	7	28	1,050
Radiology	475	295	205	129	119	30	13	18	1,284
Internal medicine	2,117	1,476	649	361	383	90	32	103	5,211
Medicine nec, nfd	1,542	1,306	741	362	652	183	38	88	4,912
<i>Total</i>	<i>21,591</i>	<i>14,779</i>	<i>9,102</i>	<i>5,122</i>	<i>5,335</i>	<i>1,522</i>	<i>484</i>	<i>1,095</i>	<i>59,030</i>
Nursing									
Basic nursing	87,493	67,046	46,953	25,744	26,555	7,580	2,287	4,389	268,047
Midwifery	9,066	7,740	6,021	2,852	3,001	876	363	539	30,458
Mothercraft nursing	1,648	3,265	761	435	799	457	36	85	7,486
Psychiatric nursing	1,485	2,208	865	658	920	177	55	59	6,427
Community nursing	277	329	113	114	64	15	9	23	944
Nursing education	388	443	148	103	77	27	6	17	1,209
Nursing nec, nfd	5,139	4,147	2,756	1,282	995	461	113	209	15,102
<i>Total</i>	<i>105,496</i>	<i>85,178</i>	<i>57,617</i>	<i>31,188</i>	<i>32,411</i>	<i>9,593</i>	<i>2,869</i>	<i>5,321</i>	<i>329,673</i>
Dental studies									
Dental science	4,213	2,554	2,016	1,042	1,181	188	85	234	11,513
Dental assisting	3,591	5,094	3,121	2,057	2,585	356	159	251	17,214
Dental technology	1,290	1,027	828	308	408	101	18	57	4,037
<i>Total</i>	<i>9,094</i>	<i>8,675</i>	<i>5,965</i>	<i>3,407</i>	<i>4,174</i>	<i>645</i>	<i>262</i>	<i>542</i>	<i>32,764</i>
Other health									
Pharmacy	7,184	5,211	3,170	1,455	1,686	422	104	356	19,588
Physiotherapy	4,371	2,784	2,129	1,105	1,256	294	67	245	12,251
Occupational therapy	2,487	1,700	1,047	409	828	169	53	107	6,800
Radiography	2,852	1,902	1,385	689	757	211	57	142	7,995
Optometry	2,441	1,376	993	411	458	113	32	83	5,907
Chiropractic	667	525	343	197	123	27	11	26	1,919
Speech pathology	987	832	603	252	283	83	26	51	3,117
Nutrition & dietetics	1,824	943	532	243	360	47	29	127	4,105
Ambulance service	844	815	1,190	370	239	106	56	33	3,653
Occupational health & safety	1,305	1,037	907	439	492	81	54	98	4,413
Health sciences nec, nfd	8,057	7,002	4,000	1,712	2,065	336	180	512	23,864
Other health nec, nfd	4,477	3,022	2,031	1,001	1,359	222	258	426	12,796
Psychology	13,645	9,171	5,469	2,243	3,970	623	285	1,239	36,645
<i>Total</i>	<i>51,141</i>	<i>36,320</i>	<i>23,799</i>	<i>10,526</i>	<i>13,876</i>	<i>2,734</i>	<i>1,212</i>	<i>3,445</i>	<i>143,053</i>
Total	187,322	144,952	96,483	50,243	55,796	14,494	4,827	10,403	564,520

(continued)

Table 12 (continued): Persons with a highest qualification in a health field: States and Territories, 1991 and 1996

Qualification field	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
Per cent increase, 1991 to 1996									
Medicine									
General medicine	21.9	17.4	18.8	16.3	16.7	16.8	0.6	22.1	19.0
Surgery	-12.2	—	-0.4	3.0	26.1	-15.9	5.6	-16.3	-3.3
Psychiatry	-6.6	17.6	-7.2	11.2	15.7	37.5	-25.0	36.4	3.9
Obstetrics & gynaecology	-6.2	5.2	32.3	34.5	69.4	-4.8	8.3	85.7	10.9
Anaesthesiology	8.5	24.0	25.1	0.7	17.2	16.7	14.3	-25.0	14.5
Pathology	17.8	-10.8	9.1	17.3	17.5	68.4	16.7	-6.7	10.9
Radiology	35.7	16.6	7.3	-6.5	14.4	15.4	160.0	-18.2	17.9
Internal medicine	6.2	13.6	-10.9	72.7	82.4	76.5	—	151.2	14.2
Medicine nec, nfd	79.3	47.1	54.4	-27.6	42.7	-1.1	11.8	-24.1	39.5
<i>Total</i>	<i>18.7</i>	<i>17.4</i>	<i>16.1</i>	<i>12.3</i>	<i>24.0</i>	<i>15.3</i>	<i>3.4</i>	<i>18.0</i>	<i>17.6</i>
Nursing									
Basic nursing	-0.4	-4.5	0.1	-6.0	-5.2	-5.0	-20.9	-7.2	-2.9
Midwifery	7.3	1.2	21.3	22.9	10.8	15.0	3.1	11.8	10.0
Mothercraft nursing	-12.8	-15.2	-23.3	15.1	1.8	-7.3	-49.3	-8.6	-12.5
Psychiatric nursing	-20.3	3.1	-4.9	17.5	27.2	-5.3	-12.7	5.4	-1.2
Community nursing	-9.5	31.6	-15.0	25.3	36.2	-31.8	-47.1	-48.9	3.6
Nursing education	-12.6	30.3	6.5	-13.4	16.7	-6.9	-45.5	30.8	4.1
Nursing nec, nfd	0.6	20.9	23.9	34.9	19.0	31.3	27.0	34.8	14.9
<i>Total</i>	<i>-0.3</i>	<i>-3.1</i>	<i>2.4</i>	<i>-2.0</i>	<i>-2.3</i>	<i>-2.3</i>	<i>-17.9</i>	<i>-4.5</i>	<i>-1.3</i>
Dental studies									
Dental science	10.9	9.0	4.6	9.7	21.5	-4.6	-12.4	1.3	9.5
Dental assisting	1.2	4.6	8.2	12.7	14.9	4.7	—	7.7	6.9
Dental technology	2.5	7.5	6.4	-5.8	3.8	31.2	-35.7	3.6	4.3
<i>Total</i>	<i>5.7</i>	<i>6.2</i>	<i>6.7</i>	<i>9.8</i>	<i>15.5</i>	<i>5.0</i>	<i>-7.7</i>	<i>4.4</i>	<i>7.4</i>
Other health									
Pharmacy	10.0	9.3	4.6	12.4	19.2	7.7	-12.6	9.2	9.6
Physiotherapy	14.7	14.6	15.8	15.6	20.1	16.2	-19.3	16.7	15.3
Occupational therapy	22.3	20.7	26.3	29.4	32.7	53.6	10.4	28.9	24.7
Radiography	12.8	10.7	19.6	—	11.3	7.1	-10.9	15.4	11.7
Optometry	14.7	27.3	14.7	19.1	18.3	20.2	-3.0	1.2	17.7
Chiropractic	26.8	16.7	26.1	5.3	21.8	42.1	—	36.8	21.1
Speech pathology	25.7	24.4	16.6	16.1	42.2	40.7	-7.1	8.5	23.6
Nutrition & dietetics	68.1	19.8	41.5	23.4	30.0	34.3	3.6	95.4	44.0
Ambulance service	-16.8	-7.8	80.9	113.9	42.3	-3.6	47.4	17.9	18.9
Occupational health & safety	112.5	148.1	218.2	105.1	87.8	252.2	100.0	58.1	131.7
Health sciences nec, nfd	157.2	151.4	121.1	75.6	100.5	60.0	97.8	86.9	131.6
Other health nec, nfd	128.8	129.5	87.9	6.6	46.1	57.4	50.9	84.4	89.1
Psychology	33.8	32.3	50.2	15.5	30.9	19.8	10.5	27.6	33.3
<i>Total</i>	<i>40.7</i>	<i>41.6</i>	<i>45.5</i>	<i>24.7</i>	<i>36.7</i>	<i>26.4</i>	<i>21.3</i>	<i>36.7</i>	<i>39.4</i>
Total	10.8	8.0	12.1	4.8	8.9	4.1	-8.0	9.0	9.2

Source: AIHW from ABS data.

Table 13: Overseas-born persons employed in health occupations: year of arrival and birthplace, 1996

Year of arrival/ Occupation	New Zealand	Other Oceania	United Kingdom		Other Europe	Middle East & North Africa		Asia	America	Other Africa	Total
			& Ireland								
Before 1981											
Medical practitioner	417	184	3,217	1,850	383	4,061	297	668	11,077		
Nursing professional	1,901	724	10,722	3,725	246	4,228	958	685	23,189		
Dental practitioner	75	25	384	393	91	688	59	97	1,812		
Pharmacist	147	50	416	362	116	508	46	69	1,714		
Occupational therapist	32	22	201	49	5	90	26	35	460		
Optometrist	11	11	91	73	22	102	20	18	348		
Physiotherapist	94	35	466	175	24	191	72	67	1,124		
Speech pathologist	13	11	106	23	5	21	18	21	218		
Chiropractor & osteopath	54	9	92	75	8	27	46	16	327		
Podiatrist	10	4	98	41	8	19	16	4	200		
Medical imaging professional	100	15	397	122	21	153	40	83	931		
Dietitian	20	6	87	68	7	58	31	12	289		
Psychologist	85	22	539	331	44	129	148	59	1,357		
<i>Total</i>	<i>2,959</i>	<i>1,118</i>	<i>16,816</i>	<i>7,287</i>	<i>980</i>	<i>10,275</i>	<i>1,777</i>	<i>1,834</i>	<i>43,046</i>		
1981–1985											
Medical practitioner	97	28	273	179	155	728	32	128	1,620		
Nursing professional	720	180	1,333	534	71	1,297	168	230	4,533		
Dental practitioner	15	3	46	53	33	201	16	27	394		
Pharmacist	21	14	44	27	29	238	6	31	410		
Occupational therapist	9	3	37	11	4	27	4	7	102		
Optometrist	3	3	12	11	3	44	—	15	91		
Physiotherapist	29	—	63	39	4	42	14	37	228		
Speech pathologist	—	—	13	3	—	4	5	6	31		
Chiropractor & osteopath	19	—	8	6	3	3	21	4	64		
Podiatrist	8	—	14	5	3	3	3	3	39		
Medical imaging professional	54	4	60	27	3	38	8	24	218		
Dietitian	8	—	13	7	3	9	4	3	47		
Psychologist	27	—	38	43	3	22	28	29	190		
<i>Total</i>	<i>1,010</i>	<i>235</i>	<i>1,954</i>	<i>945</i>	<i>314</i>	<i>2,656</i>	<i>309</i>	<i>544</i>	<i>7,967</i>		
1986–1990											
Medical practitioner	134	41	501	176	210	922	59	214	2,257		
Nursing professional	843	269	3,009	447	102	2,561	221	390	7,842		
Dental practitioner	19	6	72	35	37	175	12	48	404		
Pharmacist	56	21	52	16	61	229	16	51	502		
Occupational therapist	16	—	42	9	3	23	6	18	117		
Optometrist	6	3	25	5	3	26	7	19	94		
Physiotherapist	24	5	120	35	4	92	21	37	338		
Speech pathologist	4	—	24	5	—	6	5	23	67		
Chiropractor & osteopath	15	—	15	6	—	3	29	3	71		
Podiatrist	9	3	16	—	—	—	3	—	31		
Medical imaging professional	39	13	148	34	4	140	22	60	460		
Dietitian	9	3	10	4	—	18	5	6	55		
Psychologist	13	—	41	36	5	19	27	32	173		
<i>Total</i>	<i>1,187</i>	<i>364</i>	<i>4,075</i>	<i>808</i>	<i>429</i>	<i>4,214</i>	<i>433</i>	<i>901</i>	<i>12,411</i>		

(continued)

Table 13 (continued): Overseas-born persons employed in health occupations: year of arrival and birthplace, 1996

Year of arrival/ occupation	New Zealand	United		Other Europe	Middle East & North Africa		Asia	America	Other Africa	Total
		Oceania	Kingdom & Ireland							
1991–1995										
Medical practitioner	293	48	696	174	147	654	70	177	2,259	
Nursing professional	607	173	1,508	270	48	879	160	133	3,778	
Dental practitioner	42	5	78	16	8	46	—	19	214	
Pharmacist	28	14	61	24	37	89	11	20	284	
Occupational therapist	13	—	27	5	—	18	9	3	75	
Optometrist	11	3	19	—	—	10	3	12	58	
Physiotherapist	15	—	106	21	4	61	7	16	230	
Speech pathologist	3	—	17	4	3	—	8	8	43	
Chiropractor & osteopath	3	—	9	3	3	3	32	3	56	
Podiatrist	5	—	11	—	3	—	3	—	22	
Medical imaging professional	61	6	119	20	3	68	59	44	380	
Dietitian	—	3	8	—	—	5	5	—	21	
Psychologist	12	—	28	15	6	20	25	24	130	
<i>Total</i>	<i>1,093</i>	<i>252</i>	<i>2,687</i>	<i>552</i>	<i>262</i>	<i>1,853</i>	<i>392</i>	<i>459</i>	<i>7,550</i>	
Not stated										
Medical practitioner	12	—	85	17	5	60	3	5	187	
Nursing professional	70	38	325	65	3	84	24	17	626	
Dental practitioner	4	—	10	11	—	8	—	—	33	
Pharmacist	3	3	10	10	3	8	—	—	37	
Occupational therapist	3	—	5	3	3	—	—	—	14	
Optometrist	—	—	3	—	—	3	—	—	6	
Physiotherapist	3	—	21	—	—	5	3	3	35	
Speech pathologist	—	—	3	—	—	—	—	—	3	
Chiropractor & osteopath	—	—	4	—	—	—	3	—	7	
Podiatrist	3	—	3	—	—	—	—	—	6	
Medical imaging professional	3	—	10	—	—	—	—	4	17	
Dietitian	—	—	—	—	—	—	—	—	—	
Psychologist	3	—	12	4	—	4	—	—	23	
<i>Total</i>	<i>104</i>	<i>41</i>	<i>491</i>	<i>110</i>	<i>14</i>	<i>172</i>	<i>33</i>	<i>29</i>	<i>994</i>	
Total employed										
Medical practitioner	953	301	4,772	2,396	900	6,425	461	1,192	17,400	
Nursing professional	4,141	1,384	16,897	5,041	470	9,049	1,531	1,455	39,968	
Dental practitioner	155	39	590	508	169	1,118	87	191	2,857	
Pharmacist	255	102	583	439	246	1,072	79	171	2,947	
Occupational therapist	73	25	312	77	15	158	45	63	768	
Optometrist	31	20	150	89	28	185	30	64	597	
Physiotherapist	165	40	776	270	36	391	117	160	1,955	
Speech pathologist	20	11	163	35	8	31	36	58	362	
Chiropractor & osteopath	91	9	128	90	14	36	131	26	525	
Podiatrist	35	7	142	46	14	22	25	7	298	
Medical imaging professional	257	38	734	203	31	399	129	215	2,006	
Dietitian	37	12	118	79	10	90	45	21	412	
Psychologist	140	22	658	429	58	194	228	144	1,873	
Total	6,353	2,010	26,023	9,702	1,999	19,170	2,944	3,767	71,968	

Source: ABS

Table 14: Persons employed in health occupations: birthplace, 1996

Occupation	Australia	New Zealand	Other Oceania	United Kingdom & Ireland	Other Europe	Middle East & North Africa	Asia	America	Africa (excl. North Africa)	Not stated & Other	Total
Medical workers											
Medical administrator	1,435	59	7	217	66	13	76	20	20	7	1,920
Generalist medical practitioner	15,226	459	193	2,862	1,508	633	4,459	269	688	100	26,397
Medical practitioner-in-training	1,535	57	28	192	151	79	517	40	54	7	2,660
Specialist medical practitioner	9,629	440	83	1,745	745	189	1,454	165	455	45	14,950
<i>Total</i>	<i>27,825</i>	<i>1,015</i>	<i>311</i>	<i>5,016</i>	<i>2,470</i>	<i>914</i>	<i>6,506</i>	<i>494</i>	<i>1,217</i>	<i>159</i>	<i>45,927</i>
Medical imaging workers											
Medical diagnostic radiographer	3,182	187	35	541	159	22	297	100	178	18	4,719
Radiation therapist	540	19	—	56	8	3	53	8	11	—	698
Nuclear medicine technologist	315	8	3	32	13	3	16	7	3	—	400
Sonographer	498	35	—	82	20	—	25	17	19	7	703
<i>Total</i>	<i>4,535</i>	<i>249</i>	<i>38</i>	<i>711</i>	<i>200</i>	<i>28</i>	<i>391</i>	<i>132</i>	<i>211</i>	<i>25</i>	<i>6,520</i>
Dental workers											
Dentist	4,194	129	38	535	474	162	1,067	83	163	29	6,874
Dental specialist	504	26	3	56	33	8	54	8	29	—	721
Dental therapist	1,258	60	9	97	34	6	27	27	11	11	1,540
Dental technician	1,961	24	6	235	387	57	128	56	35	26	2,915
Dental assistant	9,401	170	45	558	333	62	417	87	50	139	11,262
<i>Total</i>	<i>17,318</i>	<i>409</i>	<i>101</i>	<i>1,481</i>	<i>1,261</i>	<i>295</i>	<i>1,693</i>	<i>261</i>	<i>288</i>	<i>205</i>	<i>23,312</i>
Nursing workers											
Director of nursing	2,368	70	10	388	97	9	117	23	29	24	3,135
Nursing professional	119,956	4,160	1,386	16,956	5,045	472	9,066	1,533	1,463	1,548	161,585
Enrolled nurse	19,812	604	102	2,148	721	57	531	200	118	266	24,559
Personal care assistant	11,722	410	136	1,726	1,288	114	733	214	130	233	16,706
Nursing assistant	16,861	955	873	2,675	1,552	151	1,774	473	270	357	25,941
<i>Total</i>	<i>170,719</i>	<i>6,199</i>	<i>2,507</i>	<i>23,893</i>	<i>8,703</i>	<i>803</i>	<i>12,221</i>	<i>2,443</i>	<i>2,010</i>	<i>2,428</i>	<i>231,926</i>
Pharmacist workers											
Hospital pharmacist	1,226	25	14	137	59	31	185	14	32	7	1,730
Industrial pharmacist	466	12	—	53	35	18	89	14	15	3	705
Retail pharmacist	7,614	218	84	398	346	196	800	51	126	37	9,870
<i>Total</i>	<i>9,306</i>	<i>255</i>	<i>98</i>	<i>588</i>	<i>440</i>	<i>245</i>	<i>1,074</i>	<i>79</i>	<i>173</i>	<i>47</i>	<i>12,305</i>

(continued)

Table 14 (continued): Persons employed in health occupations: birthplace, 1996

Occupation	Australia	New Zealand	Other Oceania	United	Other Europe	Middle East	Asia	America	Africa (excl.	Not stated & Other	Total
				Kingdom & Ireland		& North Africa			North Africa)		
Allied health workers											
Clinical psychologist	3,729	119	20	494	351	54	153	181	121	33	5,255
Occupational therapist	3,575	71	26	312	75	11	158	45	63	27	4,363
Optometrist	1,653	29	17	149	91	28	185	30	66	7	2,255
Physiotherapist	6,893	166	42	777	272	36	393	117	160	40	8,896
Speech pathologist	1,967	20	12	163	36	7	31	37	59	5	2,337
Chiropractor & osteopath	1,449	93	9	128	90	14	35	131	24	15	1,988
Podiatrist	1,153	33	6	142	48	12	26	24	8	10	1,462
Dietitian	1,291	39	12	119	81	10	90	45	21	8	1,716
Natural therapy professional	1,705	119	21	257	236	28	327	44	30	32	2,799
Audiologist	520	12	4	50	23	3	28	33	12	3	688
Orthoptist	290	3	—	17	9	7	11	—	5	3	345
Orthotist	254	7	—	38	13	—	10	3	5	3	333
Misc health professional nfd	1,543	66	15	238	114	12	54	35	16	21	2,114
Therapy aide	1,008	32	11	205	71	4	51	11	16	10	1,419
<i>Total</i>	<i>27,030</i>	<i>809</i>	<i>195</i>	<i>3,089</i>	<i>1,510</i>	<i>226</i>	<i>1,552</i>	<i>736</i>	<i>606</i>	<i>217</i>	<i>35,970</i>
Other health occupations											
Medical scientist	6,397	180	57	912	572	107	920	194	132	43	9,514
Health information manager	833	23	9	82	19	9	42	10	11	8	1,046
Occupational health & safety officer	2,113	69	12	363	97	9	68	36	22	11	2,800
Environmental health officer	4,118	84	22	424	178	22	131	69	48	31	5,127
Medical laboratory technical officer	4,780	155	66	528	371	81	430	130	71	51	6,663
Medical technical officer nec	1,047	46	8	190	99	12	81	42	16	11	1,552
Ambulance officer	3,434	76	7	423	80	8	29	25	7	32	4,121
Intensive care ambulance paramedic	1,512	35	5	197	46	7	20	7	6	10	1,845
Indigenous health worker	676	3	3	7	—	—	—	—	—	17	706
Massage therapist	1,627	100	13	180	153	10	80	48	24	27	2,262
Primary products inspector	2,479	59	11	175	79	13	36	17	14	20	2,903
Safety inspector	2,691	76	14	534	186	19	76	26	15	22	3,659
Admissions clerk	2,348	67	27	432	131	15	119	24	22	34	3,219
Natural remedy consultant	1,277	63	6	187	109	8	99	25	22	23	1,819
Weight loss consultant	638	20	—	66	26	—	10	9	8	11	788
<i>Total</i>	<i>35,970</i>	<i>1,056</i>	<i>260</i>	<i>4,700</i>	<i>2,146</i>	<i>320</i>	<i>2,141</i>	<i>662</i>	<i>418</i>	<i>351</i>	<i>48,024</i>
Total	292,703	9,992	3,510	39,478	16,730	2,831	25,578	4,807	4,923	3,432	403,984

Source: ABS.

Table 15: Persons employed in selected health occupations: industry, 1996

Industry	Medical workers	Imaging workers	Dental workers	Nursing workers	Pharmacist workers	Allied health workers	Other health workers	Total
Hospitals (excl. psychiatric)	12,560	2,745	403	115,500	1,504	6,196	305	139,213
Psychiatric hospitals	292	3	—	4,450	43	362	8	5,158
Nursing homes	43	—	3	48,671	11	859	20	49,607
GP medical services	20,386	310	66	4,609	32	413	45	25,861
Specialist medical services	4,580	1,869	67	2,413	5	402	37	9,373
Dental services	69	20	7,618	383	3	44	12	8,149
Pathology services	675	32	—	2,439	8	16	48	3,218
Community health centres	708	69	225	9,382	65	2,052	292	12,793
Other health industry	1,824	1,302	112	18,037	53	15,094	5,697	42,119
Community services (undefined)	9	—	3	564	3	93	22	694
Childcare services	6	—	—	1,472	—	53	4	1,535
Accommodation for the aged	7	—	—	5,486	—	107	4	5,604
Residential care service, nec	28	3	7	3,472	4	331	21	3,866
Non-residential care service, nec	116	6	8	2,436	9	1,117	149	3,841
Government administration	485	53	89	2,489	89	541	602	4,348
Defence	353	21	149	644	33	105	88	1,393
Education	395	32	82	1,693	35	1,299	135	3,671
Other industries (incl. not stated)	1,474	283	304	9,199	9,704	1,989	1,980	24,933
Total	44,010	6,748	9,136	233,339	11,601	31,073	9,469	345,376

Source: ABS.

Table 16: Persons employed in the health industry: States and Territories, region of usual residence, 1996

Region of usual residence	Hospitals (including psychiatric)	Nursing homes	GP Medical services	Specialist medical services	Dental services	Pathology services	Optometry & optical dispensing	Ambulance services	Community health centres	Physio- therapy services	Chiro- practic services	Other health industry	Total
New South Wales													
Capital city	50,845	18,148	13,798	4,753	5,653	2,198	2,110	1,145	3,379	1,525	848	10,799	115,201
Other metropolitan	10,013	3,683	2,389	808	878	498	354	402	1,180	307	175	2,481	23,168
Large rural centres	4,647	1,615	925	659	354	178	170	220	397	120	96	1,045	10,426
Small rural centres	4,874	2,123	1,234	382	552	204	198	252	385	152	119	1,241	11,716
Other rural areas	7,094	3,037	1,637	361	642	163	206	360	575	186	164	1,717	16,142
Remote areas	584	85	113	7	24	9	6	43	63	3	—	114	1,051
<i>Total</i>	<i>78,057</i>	<i>28,691</i>	<i>20,096</i>	<i>6,970</i>	<i>8,103</i>	<i>3,250</i>	<i>3,044</i>	<i>2,422</i>	<i>5,979</i>	<i>2,293</i>	<i>1,402</i>	<i>17,397</i>	<i>177,704</i>
Victoria													
Capital city	42,159	12,185	10,791	4,212	4,558	1,739	1,471	839	7,528	1,152	837	8,853	96,324
Other metropolitan	1,766	660	452	165	191	12	48	64	726	45	28	264	4,421
Large rural centres	3,556	971	569	334	245	85	116	140	727	68	72	687	7,570
Small rural centres	3,198	864	705	246	281	102	109	187	987	82	119	797	7,677
Other rural areas	8,738	1,622	1,493	286	500	151	156	294	1,828	117	153	1,243	16,581
Remote areas	137	24	27	3	4	3	—	—	50	—	—	29	277
<i>Total</i>	<i>59,554</i>	<i>16,326</i>	<i>14,037</i>	<i>5,246</i>	<i>5,779</i>	<i>2,092</i>	<i>1,900</i>	<i>1,524</i>	<i>11,846</i>	<i>1,464</i>	<i>1,209</i>	<i>11,873</i>	<i>132,850</i>
Queensland													
Capital city	21,227	7,078	5,066	2,082	2,319	1,376	772	646	2,400	584	292	5,290	49,132
Other metropolitan	4,552	1,737	1,363	614	568	247	202	146	518	110	128	1,370	11,555
Large rural centres	5,920	1,994	1,525	603	631	275	264	310	682	145	129	1,607	14,085
Small rural centres	1,422	705	511	104	266	73	84	96	322	56	72	591	4,302
Other rural areas	4,196	2,039	1,110	217	486	141	124	357	834	118	136	1,510	11,268
Remote areas	1,775	391	314	18	126	19	28	164	320	21	26	523	3,725
<i>Total</i>	<i>39,092</i>	<i>13,944</i>	<i>9,889</i>	<i>3,638</i>	<i>4,396</i>	<i>2,131</i>	<i>1,474</i>	<i>1,719</i>	<i>5,076</i>	<i>1,034</i>	<i>783</i>	<i>10,891</i>	<i>94,067</i>
South Australia													
Capital city	16,124	8,379	3,853	1,930	2,086	1,127	535	399	2,862	710	339	3,403	41,747
Large rural centres	380	18	68	22	24	20	8	18	23	6	12	36	635
Small rural centres	737	329	184	32	102	38	37	72	316	34	36	217	2,134
Other rural areas	2,900	1,055	665	102	298	82	75	109	503	115	70	554	6,528
Remote areas	257	7	35	3	12	—	—	3	47	3	3	42	412
<i>Total</i>	<i>20,398</i>	<i>9,788</i>	<i>4,805</i>	<i>2,089</i>	<i>2,522</i>	<i>1,267</i>	<i>655</i>	<i>601</i>	<i>3,751</i>	<i>868</i>	<i>460</i>	<i>4,252</i>	<i>51,456</i>

(continued)

Table 16 (continued): Persons employed in the health industry: States and Territories, region of usual residence, 1996

Region of usual residence	Hospitals (including psychiatric)	Nursing homes	GP Medical services	Specialist medical services	Dental services	Pathology services	Optometry & optical dispensing	Ambulance services	Community health centres	Physio- therapy services	Chiro- practic services	Other health industry	Total
Western Australia													
Capital city	17,037	6,607	4,797	1,951	2,310	1,614	632	375	2,070	608	269	4,408	42,678
Small rural centres	819	511	291	48	168	66	55	28	255	45	36	316	2,638
Other rural areas	1,748	415	343	59	179	39	33	20	322	72	27	360	3,617
Remote areas	1,718	282	329	29	106	25	25	22	346	23	20	462	3,387
<i>Total</i>	<i>21,322</i>	<i>7,815</i>	<i>5,760</i>	<i>2,087</i>	<i>2,763</i>	<i>1,744</i>	<i>745</i>	<i>445</i>	<i>2,993</i>	<i>748</i>	<i>352</i>	<i>5,546</i>	<i>52,320</i>
Tasmania													
Capital city	3,106	1,248	702	188	236	108	135	91	436	77	34	730	7,091
Large rural centres	1,729	619	311	127	90	45	44	34	122	25	16	201	3,363
Small rural centres	488	341	113	53	72	38	23	29	264	15	10	144	1,590
Other rural areas	1,189	761	295	67	80	29	23	36	269	23	9	255	3,036
Remote areas	47	3	—	—	—	—	—	—	13	—	—	13	76
<i>Total</i>	<i>6,559</i>	<i>2,972</i>	<i>1,421</i>	<i>435</i>	<i>478</i>	<i>220</i>	<i>225</i>	<i>190</i>	<i>1,104</i>	<i>140</i>	<i>69</i>	<i>1,343</i>	<i>15,156</i>
Northern Territory													
Capital city	1,241	76	161	54	265	30	45	44	178	26	14	393	2,527
Other rural areas	106	10	26	7	23	3	6	8	15	4	—	69	277
Remote areas	868	87	111	10	65	14	8	43	354	5	5	399	1,969
<i>Total</i>	<i>2,215</i>	<i>173</i>	<i>298</i>	<i>71</i>	<i>353</i>	<i>47</i>	<i>59</i>	<i>95</i>	<i>547</i>	<i>35</i>	<i>19</i>	<i>861</i>	<i>4,773</i>
Australian Capital Territory													
Capital city	3,145	731	860	340	449	103	126	81	570	120	84	1,201	7,810
Other rural areas	3	3	—	—	—	3	—	—	3	—	—	3	15
<i>Total</i>	<i>3,148</i>	<i>734</i>	<i>860</i>	<i>340</i>	<i>449</i>	<i>106</i>	<i>126</i>	<i>81</i>	<i>573</i>	<i>120</i>	<i>84</i>	<i>1,204</i>	<i>7,825</i>
Total	230,345	80,443	57,166	20,876	24,843	10,857	8,228	7,077	31,869	6,702	4,378	53,367	536,151

Source: ABS.

Table 17: Persons employed in health industries: occupation, 1996

Occupation	Hospitals (including psych- iatric)	Nursing homes	GP medical services	Specialist medical services	Dental services	Pathology services	Optometry & optical dispens- ing	Ambu- lance services	Comm- unity health centres	Physio- therapy services	Chiro- practic services	Other health industry	Total
Managers & administrators													
Managers & administrators nfd	330	138	291	62	87	26	70	17	123	20	25	255	1,444
Generalist managers	1,749	636	106	45	34	32	40	40	316	6	—	372	3,376
Specialist managers	3,807	1,328	448	244	164	235	121	232	874	33	16	1,257	8,759
Farmers & farm managers	107	45	36	21	17	3	—	—	24	4	3	46	306
Professionals													
Professionals nfd	753	42	65	78	14	105	3	3	211	14	7	304	1,599
Science, building, & engineering	4,017	15	188	653	14	1,720	10	3	141	16	3	503	7,283
Business & information	3,094	231	270	185	104	182	92	135	769	20	3	1,251	6,336
Health	118,541	24,211	25,284	9,103	7,054	2,961	2,341	68	10,219	3,926	1,929	22,679	228,316
Education	343	48	46	16	26	6	6	86	201	10	8	285	1,081
Social, arts, & miscellaneous	4,658	1,476	311	309	100	39	7	56	4,711	38	18	4,114	15,837
Associate professionals													
Associate professionals nfd	95	10	26	12	3	3	3	11	28	3	—	49	243
Science, engineering & related	3,802	17	204	822	39	2,272	26	14	161	—	6	721	8,084
Business & administration	2,545	351	3,468	973	1,154	142	178	101	1,231	244	163	1,551	12,101
Supervisor (sales & service)	3,378	1,106	131	53	33	39	211	21	387	13	10	415	5,797
Health & welfare	12,340	5,224	441	275	1,943	183	6	5,319	2,915	78	95	3,741	32,560
Other associate professionals	249	41	7	13	6	22	3	32	174	8	—	321	876
Tradespersons & related workers													
Tradespersons & related workers	147	62	3	6	—	3	8	3	6	—	—	23	261
Mechanical, fabrication engineering	975	32	35	9	22	13	12	7	42	—	—	81	1,228
Automotive	41	12	6	—	4	6	—	107	7	—	—	9	192
Electrical & electronics	712	30	9	9	4	9	—	9	20	—	—	71	873
Construction	1,204	171	28	9	30	9	3	8	53	—	3	104	1,622
Food	1,904	2,191	16	6	—	3	—	—	106	3	—	108	4,337
Skilled agricultural & horticultural	650	494	76	9	16	7	—	3	102	—	9	98	1,464
Other tradespersons	334	174	10	16	9	6	2,297	7	24	—	3	82	2,962

(continued)

Table 17 (continued): Persons employed in health industries: occupation, 1996

Occupation	Hospitals (including psych- iatric)	Nursing homes	GP medical services	Specialist medical services	Dental services	Pathology services	Optometry & optical dispens- ing	Ambu- lance services	Comm- unity health centres	Physio- therapy services	Chiro- practic services	Other health industry	Total
Advanced clerical & service workers													
Clerical & service workers nfd	3	—	—	—	—	—	—	—	—	—	—	—	3
Secretaries & personal assistants	3,308	360	2,402	1,085	412	98	197	94	444	320	140	1,404	10,264
Other clerical & service	440	169	531	123	242	41	113	92	119	68	39	276	2,253
Intermediate clerical, sales & service workers													
Clerical & service workers nfd	105	49	54	8	699	3	3	—	13	94	13	33	1,074
Clerical workers	18,952	1,410	20,628	5,725	2,334	1,399	2,068	360	3,065	1,442	1,710	6,334	65,427
Sales & related workers	58	19	7	6	9	10	26	3	14	—	—	64	216
Service workers	14,438	27,417	465	222	9,808	96	19	14	3,224	202	91	4,264	60,260
Intermediate production & transport workers													
Production & transport nfd	14	6	—	—	3	—	—	—	—	—	—	3	26
Plant operators	242	15	12	—	6	—	—	3	24	—	—	37	339
Machine operators	153	17	6	38	—	3	6	—	16	—	—	75	314
Road & rail transport drivers	794	132	63	351	35	856	6	10	124	—	—	194	2,565
Other production & transport	780	31	16	21	13	44	29	26	32	—	—	92	1,084
Elementary clerical, sales & service workers													
Clerical, sales, service workers nfd	67	129	—	—	—	—	—	—	6	—	3	7	212
Clerks	1,184	28	144	52	28	58	8	53	93	6	6	146	1,806
Sales workers	948	62	64	29	13	12	222	25	105	18	4	225	1,727
Service workers	3,331	1,854	77	25	24	65	4	45	233	14	3	243	5,918
Labourers & related workers													
Labourers & related workers nfd	725	633	6	6	—	—	3	—	43	—	—	52	1,468
Cleaners	8,573	4,191	965	177	267	76	34	23	850	72	53	774	16,055
Factory labourers	165	68	12	—	3	9	12	10	51	—	—	60	390
Other labourers, related workers	9,464	5,370	96	56	28	46	—	19	321	15	6	337	15,758
Inadequately described	753	244	99	31	18	20	10	6	226	3	3	277	1,690
Not stated	560	258	86	40	51	21	17	11	68	9	6	180	1,307
Total	230,832	80,045	57,238	20,923	24,870	10,883	8,214	7,076	31,916	6,699	4,378	53,517	536,591

Source: ABS.

Table 18: Persons employed in health industries: qualification field, Australia, 1996

Qualification field	Hospitals including psychiatric	Nursing homes	GP medical services	Specialist medical services	Dental services	Pathology services	Optometry & optical dispensing	Ambulance services	Community health centres	Physiotherapy services	Chiropractic services	Other health industry	Total
Business & administration nfd	986	241	359	174	89	64	64	46	184	40	25	336	2,608
Management	3,744	569	415	160	141	96	85	207	596	35	15	916	6,979
Management support services	4,383	1,204	3,016	1,318	567	279	264	129	628	254	170	1,374	13,586
Sales & marketing	328	172	168	66	75	29	45	16	59	25	15	170	1,168
Financial services	1,451	495	358	126	91	85	70	68	266	34	17	441	3,502
Health nfd	957	153	203	70	59	25	14	220	174	18	35	396	2,324
Medicine	13,875	224	19,887	4,867	126	906	62	66	710	46	28	2,068	42,865
Nursing	99,438	25,224	7,202	2,913	664	2,005	122	441	8,410	231	126	15,003	161,779
Health sciences	11,021	1,172	1,058	2,057	169	93	3,668	379	2,235	3,708	1,766	6,394	33,720
Dental studies	904	110	356	137	13,511	23	51	9	382	14	18	236	15,751
Veterinary studies	54	20	37	15	7	24	3	3	3	—	6	18	190
Other health	900	117	145	61	58	21	6	2,227	343	12	8	646	4,544
Education nfd	229	36	47	20	17	6	6	10	75	6	12	121	585
School teacher training	1,633	751	1,038	232	337	71	117	109	663	103	124	925	6,103
Post-school teacher training	477	83	41	14	19	6	6	27	76	3	—	120	872
Other education	59	37	22	11	7	3	3	3	74	3	—	38	260
Society & culture	481	123	120	54	30	15	9	10	310	12	3	259	1,426
Behavioural studies	2,067	300	374	282	82	49	23	29	1,391	27	23	2,447	7,094
Welfare	2,908	1,708	268	151	102	28	13	19	3,285	37	26	1,072	9,617
Librarianship	279	34	53	9	11	12	10	—	56	3	—	67	534
Language & area studies	439	139	217	65	49	19	14	10	125	9	10	214	1,310
Religion & philosophy	334	160	68	30	18	14	9	3	89	9	3	119	856
Economics	229	96	94	21	22	8	14	9	69	3	—	124	689
Law	105	43	107	18	20	5	11	3	42	6	12	53	425
Visual & performing arts	733	370	291	85	120	51	46	22	150	30	38	313	2,249
Other society & culture	563	186	112	30	48	24	18	40	222	17	20	259	1,539
Natural & physical sciences nfd	1,403	69	238	176	60	403	32	30	86	40	36	352	2,925
Life science	2,122	77	272	342	51	838	27	31	116	32	50	431	4,389
Physical science	440	60	85	76	23	98	186	17	55	7	6	182	1,235

(continued)

Table 18 (continued): Persons employed in health industries: qualification field, Australia, 1996

Qualification field	Hospitals including psychiatric	Nursing homes	GP medical services	Specialist medical services	Dental services	Pathology services	Optometry & optical dispensing	Ambulance services	Community health centres	Physiotherapy services	Chiropractic services	Other health industry	Total
Mathematics & statistics	121	22	34	13	9	7	6	—	26	3	3	68	312
Computer science	839	142	197	85	60	68	38	22	152	17	18	303	1,941
Other natural & physical science	1,601	66	169	441	20	1,320	7	8	52	6	6	212	3,908
Engineering	434	103	53	20	11	20	13	57	54	3	3	121	892
Surveying & cartography	21	13	6	3	6	3	—	4	10	6	—	12	84
Civil engineering	61	37	18	3	3	—	6	3	28	—	3	26	188
Electrical & electronic engineering	1,505	212	51	43	36	46	30	123	121	6	6	326	2,505
Mechanical engineering	1,256	266	50	21	29	28	24	142	122	—	6	232	2,176
Metallurgical & mining engineering	25	10	—	—	—	3	—	6	—	—	—	13	57
Printing	143	63	7	6	9	10	—	19	17	3	—	32	309
Automotive engineering	401	128	16	6	10	27	6	184	56	6	—	84	924
Textiles, clothing & footwear	268	177	58	9	24	17	13	7	37	3	3	45	661
Other engineering	360	78	21	14	6	9	9	24	48	6	6	91	672
Architecture & building nfd	3	3	—	—	—	—	—	—	—	—	—	—	6
Building design	95	44	55	10	23	3	6	6	41	—	6	46	335
Building construction	1,686	384	45	15	41	26	8	91	169	9	3	237	2,714
Other architecture & building	30	13	—	—	3	—	—	—	—	—	—	3	49
Agriculture & related fields nfd	—	3	—	—	—	—	—	—	—	—	—	—	3
Agriculture	240	92	39	20	17	22	8	27	40	9	3	81	598
Horticulture	268	132	17	19	7	9	6	12	56	—	—	59	585
Other agriculture & related fields	6	3	3	3	—	—	—	6	3	—	—	—	24
Miscellaneous fields nfd	6	3	—	—	—	—	—	—	3	—	—	—	12
Hairdressing & beauty therapy	660	734	256	61	85	66	78	6	131	41	60	247	2,425
Food & hospitality services	2,206	751	71	25	43	27	19	40	122	7	9	159	3,479
Transport	84	17	37	6	9	6	6	33	15	—	—	22	235
Other miscellaneous fields	207	37	6	—	—	6	—	3	7	3	—	23	292
Field of study inadequately	902	189	202	120	53	139	19	159	202	22	17	399	2,423
Field of study not stated	5,401	3,031	1,134	396	546	182	162	172	635	99	108	1,364	13,230
Not applicable	59,450	39,837	18,031	6,000	7,285	3,527	2,789	1,739	8,905	1,692	1,547	14,229	165,031
Total	230,821	80,563	57,227	20,919	24,908	10,871	8,251	7,076	31,926	6,705	4,399	53,528	537,194

Source: ABS.

Table 19: Persons employed in selected health occupations: level of highest qualification, Australia, 1996

Occupation	Higher degree	Postgraduate diploma	Bachelor degree	Under-graduate diploma	Associate diploma	Skilled vocational qualification	Basic vocational qualification	Level of attainment inad. desc.	Level of attainment not stated	Total
Medical workers										
Medical administrator	268	110	535	186	69	32	91	33	113	1,437
Medical imaging workers										
Medical diagnostic radiographer	131	303	1,018	1,853	772	11	234	86	198	4,606
Radiation therapist	19	18	270	215	87	—	46	11	20	686
Nuclear medicine technologist	216	8	90	31	18	3	11	6	11	394
Sonographer	27	284	97	181	48	5	14	17	26	699
Dental workers										
Dentist	470	42	6,027	13	7	10	9	40	148	6,766
Dental specialist	572	3	77	6	—	7	7	11	14	697
Dental therapist	7	14	32	303	231	—	479	71	114	1,251
Dental hygienist	—	3	12	61	99	—	22	25	29	251
Dental technician	9	4	63	98	231	1,473	176	185	350	2,589
Dental assistant	39	28	212	470	244	129	2,361	980	1,925	6,388
Nursing workers										
Director of nursing	203	277	1,156	1,125	68	5	20	78	129	3,061
Nurse manager	171	477	2,242	2,487	117	23	67	143	270	5,997
Nurse educator	175	231	781	437	25	3	15	17	52	1,736
Nurse researcher	27	34	107	95	—	—	4	4	10	281
Registered nurse	764	3,501	39,699	59,178	2,022	428	7,323	4,105	8,222	125,242
Registered midwife	88	708	7,822	1,565	92	7	22	179	270	10,753
Registered mental health nurse	111	279	1,492	3,006	110	27	235	196	432	5,888
Registered developmental disability nurse	4	20	176	661	19	8	55	31	53	1,027
Enrolled nurse	61	127	968	2,799	1,987	377	13,404	594	1,292	21,609
Nursing assistant	67	62	1,025	819	426	812	1,700	390	2,218	7,519
Pharmacist workers										
Hospital pharmacist	75	259	1,172	12	9	—	7	32	97	1,663
Industrial pharmacist	104	46	415	8	17	4	10	13	38	655
Retail pharmacist	230	1,191	6,710	58	43	7	16	204	1,014	9,473

(continued)

Table 19 (continued): Persons employed in selected health occupations: level of highest qualification, Australia, 1996

Occupation	Higher degree	Postgraduate diploma	Bachelor degree	Under-graduate diploma	Associate diploma	Skilled vocational qualification	Basic vocational qualification	Level of attainment inad. desc.	Level of attainment not stated	Total
Allied health workers										
Occupational therapist	109	227	3,145	524	20	12	20	32	99	4,188
Optometrist	127	13	1,674	230	44	14	7	42	50	2,201
Physiotherapist	343	943	5,631	1,653	31	9	19	27	57	8,713
Speech pathologist	131	81	1,893	105	3	4	3	50	32	2,302
Chiropractor	656	87	675	114	3	6	3	30	90	1,664
Osteopath	19	10	101	86	—	—	3	4	23	246
Podiatrist	26	59	506	534	179	9	24	12	76	1,425
Dietitian	385	599	301	58	10	26	23	36	81	1,519
Naturopath	63	78	253	249	73	60	51	390	152	1,369
Acupuncturist	29	13	203	129	7	9	—	7	25	422
Audiologist	108	274	172	40	7	28	6	6	18	659
Orthoptist	14	6	156	125	24	—	—	3	14	342
Orthotist	5	3	62	68	14	80	16	11	26	285
Clinical psychologist	2,460	804	1,621	124	19	4	8	23	74	5,137
Therapy aide	10	13	112	89	46	60	165	32	120	647
Other health occupations										
Medical scientist	2,644	396	4,981	339	330	45	134	136	173	9,178
Health information manager	83	71	532	72	118	9	24	7	31	947
Environmental health officer	302	314	1,538	547	669	436	214	41	182	4,243
Medical laboratory technical officer	143	105	1,080	418	1,157	529	510	119	372	4,433
Medical technical officer nec	68	64	217	125	123	124	121	62	158	1,062
Ambulance officer	5	40	197	317	1,721	410	286	61	166	3,203
Intensive care ambulance paramedic	7	26	148	203	597	155	169	46	127	1,478
Indigenous health worker	3	6	24	21	50	13	57	6	76	256
Massage therapist	17	53	222	302	226	126	224	95	139	1,404
Primary products inspector	33	36	245	138	364	576	427	24	214	2,057
Safety inspector	80	176	347	255	320	903	219	52	230	2,582
Admissions clerk	7	19	136	134	84	86	346	51	299	1,162
Natural remedy consultant	14	44	148	220	63	116	187	57	130	979
Weight loss consultant	6	14	64	34	26	38	47	11	68	308
Total	11,771	12,666	99,186	83,357	13,406	8,462	30,506	9,122	21,731	290,207

Source: ABS.

Table 20: Australian students completing university courses in health fields of study: sex, 1991–1996

Field of study	1991			1992			1993			1994			1995			1996		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total
Health—general	17	45	62	39	87	126	72	164	236	97	226	323	147	310	457	134	327	461
Dentistry	168	90	258	150	89	239	179	90	269	180	111	291	194	128	322	162	137	299
Dental therapy	5	29	34	1	32	33	—	18	18	1	18	19	1	18	19	3	32	35
Health support—general	27	74	101	28	135	163	46	146	192	60	269	329	88	343	431	107	249	356
Health administration	135	310	445	146	342	488	134	377	511	117	386	503	130	476	606	150	443	593
Health counselling	20	141	161	16	139	155	29	152	181	19	181	200	29	138	167	17	154	171
Health surveying/environ. health	96	62	158	131	69	200	153	125	278	115	95	210	86	112	198	131	154	285
Health support—other	21	61	82	23	112	135	32	87	119	18	64	82	58	95	153	99	246	345
Science & technology—general	15	34	49	6	37	43	28	114	142	44	123	167	62	202	264	104	285	389
Nursing—basic	520	3,937	4,457	596	4,605	5,201	768	5,858	6,626	817	5,964	6,781	799	5,704	6,503	713	5,347	6,060
Nursing—post-basic	260	1,937	2,197	333	3,149	3,482	337	3,501	3,838	327	3,670	3,997	382	4,290	4,672	365	4,348	4,713
Medical radiography	84	179	263	85	199	284	84	203	287	146	324	470	176	346	522	194	366	560
Medical technology	90	179	269	93	192	285	86	196	282	82	153	235	110	189	299	73	191	264
Nutrition & dietetics	11	97	108	10	151	161	18	122	140	21	186	207	39	188	227	42	220	262
Optometry	52	88	140	56	103	159	56	107	163	63	101	164	76	102	178	74	111	185
Pharmacy	130	255	385	138	259	397	155	258	413	148	254	402	186	319	505	233	382	615
Podiatry	28	57	85	37	61	98	38	63	101	48	67	115	57	58	115	49	65	114
Psychology	295	764	1,059	346	1,200	1,546	449	1,330	1,779	412	1,399	1,811	506	1,796	2,302	620	2,037	2,657
Science & technology—other	59	64	123	47	67	114	69	114	183	88	149	237	64	210	274	82	143	225
Medical science	89	97	186	82	140	222	116	206	322	149	276	425	183	285	468	208	294	502
Medicine	858	610	1,468	761	572	1,333	884	624	1,508	878	739	1,617	968	859	1,827	1,019	911	1,930
Rehabilitation—general	28	65	93	43	61	104	41	77	118	68	139	207	65	92	157	68	140	208
Occupational therapy	31	394	425	39	423	462	49	429	478	57	464	521	68	494	562	52	391	443
Physiotherapy	233	377	610	207	423	630	242	444	686	248	450	698	267	500	767	274	450	724
Speech pathology/audiology	12	191	203	18	202	220	20	244	264	14	270	284	24	244	268	20	236	256
Rehabilitation—other	23	72	95	52	103	155	28	93	121	41	109	150	26	79	105	25	75	100
Total	3,307	10,209	13,516	3,483	12,952	16,435	4,113	15,142	19,255	4,258	16,187	20,445	4,791	17,577	22,368	5,018	17,734	22,752

Source: AIHW analysis of DETYA data.

Table 21: Persons migrating permanently to Australia: selected health occupations and country of previous residence, 1996–1997

Occupation	New Zealand	Other Oceania	UK & Ireland	Other Europe	Middle East	China	Hong Kong	Philippines	Singapore	Other Asia	America	South Africa	Other Africa	Other	Total
Generalist medical practitioner	53	3	50	30	10	99	29	6	5	42	5	13	13	—	358
Specialist medical practitioner	10	2	21	29	7	20	4	—	4	15	8	19	3	—	142
Dental practitioner	13	5	12	6	6	6	7	3	—	7	3	11	7	—	86
Dental nurse	7	1	8	4	—	1	—	4	—	—	1	1	—	—	27
Director of nursing	—	—	—	—	—	2	—	—	—	—	1	3	—	—	6
Registered nurse	212	18	275	62	32	67	43	34	10	33	54	34	7	—	881
Enrolled nurse	18	1	12	11	3	3	3	4	4	10	4	—	1	—	74
Pharmacist	12	3	20	7	7	12	6	2	1	12	6	10	3	—	101
Occupational therapist	3	—	5	—	—	—	2	—	—	1	4	4	—	—	19
Optometrist	5	—	11	—	—	—	—	—	—	—	—	2	—	—	18
Physiotherapist	4	1	15	12	1	—	7	—	2	1	4	10	—	—	57
Speech pathologist	1	—	4	—	—	—	—	—	2	2	2	7	—	—	18
Chiropractor & osteopath	—	—	3	—	—	—	—	—	1	—	8	1	—	1	14
Podiatrist	3	—	—	1	—	—	—	—	—	—	—	—	—	—	4
Radiographer	5	1	14	5	—	1	1	—	5	1	3	10	—	—	46
Medical technician/technical officer	2	5	13	14	9	12	8	23	3	9	7	10	—	—	115
Other health diagnosis & treatment	11	3	8	5	—	10	2	—	—	8	9	2	1	—	59
Total	359	43	471	186	75	233	112	76	37	141	119	137	35	1	2,025

Source: AIHW analysis of DIMA data.

Table 22: Settlers permanently departing Australia: selected health occupations and destination, 1996–1997

Occupation	New Zealand	Other Oceania	UK & Ireland	Other Europe	Middle East	China	Hong Kong	Philippines	Singapore	Other Asia	America	South Africa	Other Africa	Total
Generalist medical practitioner	16	1	12	2	3	5	9	—	3	6	4	—	1	62
Specialist medical practitioner	4	—	—	2	1	—	1	—	—	1	1	—	—	10
Dental practitioner	8	—	3	—	—	—	1	—	—	—	2	—	—	14
Dental nurse	2	—	1	1	—	—	2	—	—	—	2	—	—	8
Registered nurse	104	7	137	16	8	1	11	2	2	5	21	—	2	316
Enrolled nurse	2	—	4	2	—	—	—	—	1	—	—	1	—	10
Pharmacist	1	1	4	—	1	—	3	—	1	—	2	—	—	13
Occupational therapist	1	—	2	1	1	—	2	—	—	—	—	1	—	8
Optometrist	2	—	3	1	—	—	—	—	—	—	—	—	—	6
Physiotherapist	1	—	4	—	—	—	7	—	1	—	6	—	—	19
Speech pathologist	1	—	1	—	—	—	—	—	1	—	2	—	—	5
Chiropractor & osteopath	2	—	2	—	—	—	1	—	—	—	3	—	—	8
Radiographer	5	—	3	—	—	—	1	—	—	—	1	—	—	10
Medical technician/technical officer	4	—	3	2	1	—	—	—	—	1	—	—	—	11
Other health diagnosis & treatment	8	—	5	—	1	3	—	—	—	—	—	—	—	17
Total	161	9	184	27	16	9	38	2	9	13	44	2	3	517

Source: AIHW analysis of DIMA data.

Table 23: Australian permanent residents permanently departing Australia: selected health occupations and destination, 1996–1997

Occupation	New Zealand	Other Oceania	UK & Ireland	Other Europe	Middle East	China	Hong Kong	Philippines	Singapore	Other Asia	America	South Africa	Other Africa	Total
Director of nursing	—	—	—	—	—	—	—	—	1	—	—	—	—	1
Generalist medical practitioner	26	1	20	—	4	1	11	—	—	3	10	1	—	77
Specialist medical practitioner	5	—	5	—	—	—	1	—	—	—	2	—	—	13
Dental practitioner	3	—	3	—	2	—	—	—	—	—	1	—	—	9
Dental nurse	5	—	2	2	—	—	1	—	—	—	3	—	—	13
Registered nurse	101	5	100	18	17	5	5	2	5	11	49	1	2	321
Enrolled nurse	—	—	—	2	—	—	1	—	—	—	1	—	—	4
Pharmacist	5	1	4	1	—	—	—	—	—	—	2	—	—	13
Occupational therapist	1	—	9	—	—	—	—	—	1	—	4	—	—	15
Optometrist	1	1	2	—	—	—	—	—	—	—	1	—	—	5
Physiotherapist	3	—	11	3	1	—	—	—	3	2	9	—	—	32
Speech pathologist	2	—	1	—	—	—	—	—	—	1	3	—	—	7
Chiropractor & osteopath	5	—	3	—	—	—	—	—	—	—	1	—	—	9
Podiatrist	—	—	—	—	—	—	—	—	—	—	2	—	—	2
Radiographer	6	2	3	3	1	—	1	—	—	—	1	—	—	17
Other health diagnosis & treatment	5	—	6	2	—	1	—	—	1	—	6	—	—	21
Medical technician/technical officer	5	—	3	1	1	—	—	—	—	—	2	—	—	12
Total	173	10	172	32	26	7	20	2	11	17	97	2	2	571

Source: AIHW analysis of DIMA data.

Community services occupations and industries tables

Table 24: Persons employed in community services occupations: sex, States and Territories, 1996

Occupation	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
Males									
Pre-primary & special education									
Pre-primary school teacher	127	22	76	24	18	12	3	3	285
Special needs teacher	505	263	250	120	90	54	14	25	1,321
Teacher of the hearing impaired	32	12	7	10	—	—	3	—	64
Teacher of the sight impaired	25	10	6	—	—	—	—	3	44
Special education teacher nec	74	48	84	37	45	11	39	3	341
Preschool aide	13	6	3	—	—	—	—	3	25
Integration aide	3	76	—	8	—	—	—	—	87
<i>Total</i>	<i>779</i>	<i>437</i>	<i>426</i>	<i>199</i>	<i>153</i>	<i>77</i>	<i>59</i>	<i>37</i>	<i>2,167</i>
Welfare, social & community									
Welfare centre manager	122	81	71	47	38	14	14	12	399
Social worker	302	399	181	229	169	46	20	25	1,371
Welfare worker	645	602	146	93	102	32	17	32	1,669
Community worker	1,176	937	601	389	389	118	142	50	3,802
<i>Total</i>	<i>2,245</i>	<i>2,019</i>	<i>999</i>	<i>758</i>	<i>698</i>	<i>210</i>	<i>193</i>	<i>119</i>	<i>7,241</i>
Counsellors									
Rehabilitation counsellor	84	57	39	68	42	16	7	5	318
Drug & alcohol counsellor	139	70	43	25	33	9	12	7	338
Family counsellor	108	84	52	32	42	7	5	—	330
<i>Total</i>	<i>331</i>	<i>211</i>	<i>134</i>	<i>125</i>	<i>117</i>	<i>32</i>	<i>24</i>	<i>12</i>	<i>986</i>
Welfare associate professionals									
Parole or probation officer	203	48	47	30	20	21	8	3	380
Youth worker	1,042	592	363	270	178	66	36	53	2,600
Residential care officer	21	12	311	4	3	8	—	3	362
Disabilities services officer	188	624	75	103	376	38	3	4	1,411
Family support worker	27	21	27	13	32	5	3	3	131
<i>Total</i>	<i>1,481</i>	<i>1,297</i>	<i>823</i>	<i>420</i>	<i>609</i>	<i>138</i>	<i>50</i>	<i>66</i>	<i>4,884</i>
Children's care workers									
Childcare coordinator	198	126	181	31	43	4	5	5	593
Childcare worker	371	359	301	80	73	29	8	97	1,318
Family day care worker	89	43	54	34	32	18	4	11	285
Nanny	46	40	21	7	11	3	—	10	138
Children's care worker nfd	57	42	63	34	18	10	5	21	250
<i>Total</i>	<i>761</i>	<i>610</i>	<i>620</i>	<i>186</i>	<i>177</i>	<i>64</i>	<i>22</i>	<i>144</i>	<i>2,584</i>
Special care workers									
Hostel parent	66	50	78	16	33	6	27	4	280
Child/youth resident care assistant	263	84	31	57	73	26	3	28	565
Refuge worker	4	4	12	6	9	6	—	—	41
Aged or disabled person carer	1,456	1,131	830	732	504	388	68	135	5,244
Special care worker nfd	—	—	—	—	—	—	—	—	—
<i>Total</i>	<i>1,789</i>	<i>1,269</i>	<i>951</i>	<i>811</i>	<i>619</i>	<i>426</i>	<i>98</i>	<i>167</i>	<i>6,130</i>
Total (males)	7,386	5,843	3,953	2,499	2,373	947	446	545	23,992

(continued)

Table 24 (continued): Persons employed in community services occupations: sex, States and Territories, 1996

Occupation	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
Females									
Pre-primary & special education									
Pre-primary school teacher	4,781	2,460	2,087	1,099	1,220	313	93	246	12,299
Special needs teacher	2,786	1,644	1,453	550	526	228	126	192	7,505
Teacher of the hearing impaired	213	122	89	50	41	11	3	15	544
Teacher of the sight impaired	69	55	37	17	12	7	4	6	207
Special education teacher nec	282	177	126	67	53	18	7	21	751
Preschool aide	602	1,724	391	54	154	30	13	82	3,050
Integration aide	132	2,426	24	197	6	—	3	3	2,791
<i>Total</i>	<i>8,865</i>	<i>8,608</i>	<i>4,207</i>	<i>2,034</i>	<i>2,012</i>	<i>607</i>	<i>249</i>	<i>565</i>	<i>27,147</i>
Welfare, social & community									
Welfare centre manager	193	153	76	59	45	27	12	20	585
Social worker	1,608	1,717	905	665	603	153	44	127	5,822
Welfare worker	1,795	1,580	461	193	260	130	53	79	4,551
Community worker	4,046	3,428	1,595	1,178	982	358	195	216	11,998
<i>Total</i>	<i>7,642</i>	<i>6,878</i>	<i>3,037</i>	<i>2,095</i>	<i>1,890</i>	<i>668</i>	<i>304</i>	<i>442</i>	<i>22,956</i>
Counsellors									
Rehabilitation counsellor	304	137	126	155	100	33	12	22	889
Drug & alcohol counsellor	182	90	42	22	38	3	18	19	414
Family counsellor	345	263	193	81	129	26	8	24	1,069
<i>Total</i>	<i>831</i>	<i>490</i>	<i>361</i>	<i>258</i>	<i>267</i>	<i>62</i>	<i>38</i>	<i>65</i>	<i>2,372</i>
Welfare associate professionals									
Parole or probation officer	194	107	62	34	21	16	9	5	448
Youth worker	1,031	781	378	247	189	71	27	67	2,791
Residential care officer	33	45	545	13	12	8	3	3	662
Disabilities services officer	580	1,649	162	205	826	75	9	13	3,519
Family support worker	239	198	169	92	113	32	13	14	870
<i>Total</i>	<i>2,077</i>	<i>2,780</i>	<i>1,316</i>	<i>591</i>	<i>1,161</i>	<i>202</i>	<i>61</i>	<i>102</i>	<i>8,290</i>
Children's care workers									
Childcare coordinator	1,923	1,520	1,789	403	516	150	73	168	6,542
Childcare worker	9,608	8,167	7,547	1,190	2,164	381	213	613	29,883
Family day care worker	4,945	3,829	2,693	1,522	1,659	790	282	572	16,292
Nanny	2,203	1,665	1,230	436	542	129	52	179	6,436
Children's care worker nfd	1,873	1,295	1,936	896	670	271	210	249	7,400
<i>Total</i>	<i>20,552</i>	<i>16,476</i>	<i>15,195</i>	<i>4,447</i>	<i>5,551</i>	<i>1,721</i>	<i>830</i>	<i>1,781</i>	<i>66,553</i>
Special care workers									
Hostel parent	392	285	292	80	206	35	35	22	1,347
Child/youth resident care assistant	722	418	117	945	381	85	81	278	3,027
Refuge worker	155	26	54	23	115	13	24	31	441
Aged or disabled person carer	7,354	8,920	5,022	3,480	3,426	1,719	261	514	30,696
Special care worker nfd	32	17	4	3	6	—	—	—	62
<i>Total</i>	<i>8,655</i>	<i>9,666</i>	<i>5,489</i>	<i>4,531</i>	<i>4,134</i>	<i>1,852</i>	<i>401</i>	<i>845</i>	<i>35,573</i>
Total (females)	48,622	44,898	29,605	13,956	15,015	5,112	1,883	3,800	162,891

(continued)

Table 24 (continued): Persons employed in community services occupations: sex, States and Territories, 1996

Occupation	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
Persons									
Pre-primary & special education									
Pre-primary school teacher	4,908	2,482	2,163	1,123	1,238	325	96	249	12,584
Special needs teacher	3,291	1,907	1,703	670	616	282	140	217	8,826
Teacher of the hearing impaired	245	134	96	60	41	11	6	15	608
Teacher of the sight impaired	94	65	43	17	12	7	4	9	251
Special education teacher nec	322	235	324	161	155	37	138	26	1,398
Preschool aide	615	1,730	394	54	154	30	13	85	3,075
Integration aide	135	2,502	24	205	6	—	3	3	2,878
<i>Total</i>	<i>9,610</i>	<i>9,055</i>	<i>4,747</i>	<i>2,290</i>	<i>2,222</i>	<i>692</i>	<i>400</i>	<i>604</i>	<i>29,620</i>
Welfare, social & community									
Welfare centre manager	315	234	147	106	83	41	26	32	984
Social worker	1,910	2,116	1,086	894	772	199	64	152	7,193
Welfare worker	2,440	2,182	607	286	362	162	70	111	6,220
Community worker	5,222	4,365	2,196	1,567	1,371	476	337	266	15,800
<i>Total</i>	<i>9,887</i>	<i>8,897</i>	<i>4,036</i>	<i>2,853</i>	<i>2,588</i>	<i>878</i>	<i>497</i>	<i>561</i>	<i>30,197</i>
Counsellors									
Rehabilitation counsellor	388	194	165	223	142	49	19	27	1,207
Drug & alcohol counsellor	321	160	85	47	71	12	30	26	752
Family counsellor	453	347	245	113	171	33	13	24	1,399
<i>Total</i>	<i>1,162</i>	<i>701</i>	<i>495</i>	<i>383</i>	<i>384</i>	<i>94</i>	<i>62</i>	<i>77</i>	<i>3,358</i>
Welfare associate professionals									
Parole or probation officer	397	155	109	64	41	37	17	8	828
Youth worker	2,073	1,373	741	517	367	137	63	120	5,391
Residential care officer	54	57	856	17	15	16	3	6	1,024
Disabilities services officer	768	2,273	237	308	1,202	113	12	17	4,930
Family support worker	266	219	196	105	145	37	16	17	1,001
<i>Total</i>	<i>3,558</i>	<i>4,077</i>	<i>2,139</i>	<i>1,011</i>	<i>1,770</i>	<i>340</i>	<i>111</i>	<i>168</i>	<i>13,174</i>
Children's care workers									
Childcare coordinator	2,121	1,646	1,970	434	559	154	78	173	7,135
Childcare worker	9,979	8,526	7,848	1,270	2,237	410	221	710	31,201
Family day care worker	5,034	3,872	2,747	1,556	1,691	808	286	583	16,577
Nanny	2,249	1,705	1,251	443	553	132	52	189	6,574
Children's care worker nfd	1,930	1,337	1,999	930	688	281	215	270	7,650
<i>Total</i>	<i>21,313</i>	<i>17,086</i>	<i>15,815</i>	<i>4,633</i>	<i>5,728</i>	<i>1,785</i>	<i>852</i>	<i>1,925</i>	<i>69,137</i>
Special care workers									
Hostel parent	458	335	370	96	239	41	62	26	1,627
Child/youth resident care assistant	985	502	148	1,002	454	111	84	306	3,592
Refuge worker	159	30	66	29	124	19	24	31	482
Aged or disabled person carer	8,810	10,051	5,852	4,212	3,930	2,107	329	649	35,940
Special care worker nfd	32	17	4	3	6	—	—	—	62
<i>Total</i>	<i>10,444</i>	<i>10,935</i>	<i>6,440</i>	<i>5,342</i>	<i>4,753</i>	<i>2,278</i>	<i>499</i>	<i>1,012</i>	<i>41,703</i>
Total	55,974	50,751	33,672	16,512	17,445	6,067	2,421	4,347	187,189

Source: ABS.

Table 25: Persons employed in community services occupations per 100,000 population: States and Territories, 1996

Occupation	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
Pre-primary & special education									
Pre-primary school teacher	81.7	56.2	66.6	78.1	72.6	70.0	54.8	83.3	70.9
Special needs teacher	54.8	43.2	52.4	46.6	36.1	60.7	79.8	72.6	49.7
Teacher of the hearing impaired	4.1	3.0	3.0	4.2	2.4	2.4	3.4	5.0	3.4
Teacher of the sight impaired	1.6	1.5	1.3	1.2	0.7	1.5	2.3	3.0	1.4
Special education teacher nec	5.4	5.3	10.0	11.2	9.1	8.0	78.7	8.7	7.9
Preschool aide	10.2	39.2	12.1	3.8	9.0	6.5	7.4	28.4	17.3
Integration aide	2.2	56.7	0.7	14.3	0.4	—	1.7	1.0	16.2
<i>Total</i>	<i>160.0</i>	<i>205.1</i>	<i>146.2</i>	<i>159.3</i>	<i>130.3</i>	<i>149.0</i>	<i>228.1</i>	<i>202.0</i>	<i>166.9</i>
Welfare, social & community									
Welfare centre manager	5.2	5.3	4.5	7.4	4.9	8.8	14.8	10.7	5.5
Social worker	31.8	47.9	33.4	62.2	45.3	42.8	36.5	50.8	40.5
Welfare worker	40.6	49.4	18.7	19.9	21.2	34.9	39.9	37.1	35.0
Community worker	86.9	98.9	67.6	109.0	80.4	102.5	192.2	89.0	89.0
<i>Total</i>	<i>164.6</i>	<i>201.6</i>	<i>124.3</i>	<i>198.5</i>	<i>151.7</i>	<i>189.0</i>	<i>283.5</i>	<i>187.6</i>	<i>170.1</i>
Counsellors									
Rehabilitation counsellor	6.5	4.4	5.1	15.5	8.3	10.5	10.8	9.0	6.8
Drug & alcohol counsellor	5.3	3.6	2.6	3.3	4.2	2.6	17.1	8.7	4.2
Family counsellor	7.5	7.9	7.5	7.9	10.0	7.1	7.4	8.0	7.9
<i>Total</i>	<i>19.3</i>	<i>15.9</i>	<i>15.2</i>	<i>26.6</i>	<i>22.5</i>	<i>20.2</i>	<i>35.4</i>	<i>25.7</i>	<i>18.9</i>
Welfare associate professionals									
Parole or probation officer	6.6	3.5	3.4	4.5	2.4	8.0	9.7	2.7	4.7
Youth worker	34.5	31.1	22.8	36.0	21.5	29.5	35.9	40.1	30.4
Residential care officer	0.9	1.3	26.4	1.2	0.9	3.4	1.7	2.0	5.8
Disabilities services officer	12.8	51.5	7.3	21.4	70.5	24.3	6.8	5.7	27.8
Family support worker	4.4	5.0	6.0	7.3	8.5	8.0	9.1	5.7	5.6
<i>Total</i>	<i>59.2</i>	<i>92.4</i>	<i>65.9</i>	<i>70.3</i>	<i>103.8</i>	<i>73.2</i>	<i>63.3</i>	<i>56.2</i>	<i>74.2</i>
Children's care workers									
Childcare coordinator	35.3	37.3	60.7	30.2	32.8	33.2	44.5	57.9	40.2
Childcare worker	166.1	193.1	241.7	88.4	131.1	88.3	126.0	237.4	175.8
Family day care worker	83.8	87.7	84.6	108.3	99.1	173.9	163.1	195.0	93.4
Nanny	37.4	38.6	38.5	30.8	32.4	28.4	29.7	63.2	37.0
Children's care worker nfd	32.1	30.3	61.6	64.7	40.3	60.5	122.6	90.3	43.1
<i>Total</i>	<i>354.8</i>	<i>387.1</i>	<i>487.0</i>	<i>322.4</i>	<i>335.8</i>	<i>384.2</i>	<i>485.9</i>	<i>643.7</i>	<i>389.5</i>
Special care workers									
Hostel parent	7.6	7.6	11.4	6.7	14.0	8.8	35.4	8.7	9.2
Child/youth resident care assistant	16.4	11.4	4.6	69.7	26.6	23.9	47.9	102.3	20.2
Refuge worker	2.6	0.7	2.0	2.0	7.3	4.1	13.7	10.4	2.7
Aged or disabled person carer	146.7	227.7	180.2	293.1	230.4	453.6	187.6	217.0	202.5
Special care worker nfd	0.5	0.4	0.1	0.2	0.4	—	—	—	0.3
<i>Total</i>	<i>173.9</i>	<i>247.7</i>	<i>198.3</i>	<i>371.7</i>	<i>278.6</i>	<i>490.4</i>	<i>284.6</i>	<i>338.4</i>	<i>234.9</i>
Total	931.9	1,149.7	1,036.9	1,148.9	1,022.6	1,306.0	1,380.8	1,453.6	1,054.6

Source: AIHW from ABS data.

Table 26: Persons employed in community services occupations: age and sex, 1996

Occupation	15-24	25-34	35-44	45-54	55-64	65+	Total
Males							
Pre-primary & special education							
Pre-primary school teacher	40	85	108	35	13	4	285
Special needs teacher	38	237	531	403	96	16	1,321
Teacher of the hearing impaired	—	6	29	21	8	—	64
Teacher of the sight impaired	—	7	21	13	6	—	47
Special education teacher nec	18	72	102	102	43	8	345
Preschool aide	8	5	10	3	3	—	29
Integration aide	21	21	20	19	7	—	88
<i>Total</i>	125	433	821	596	176	28	2,179
Welfare, social & community workers							
Welfare centre manager	3	55	120	151	64	7	400
Social worker	55	303	548	345	110	10	1,371
Welfare worker	139	408	518	417	168	19	1,669
Community worker	195	886	1,391	954	324	52	3,802
<i>Total</i>	392	1,652	2,577	1,867	666	88	7,242
Counsellors							
Rehabilitation counsellor	11	79	122	80	21	5	318
Drug & alcohol counsellor	8	66	135	95	30	4	338
Family counsellor	5	44	98	110	58	15	330
<i>Total</i>	24	189	355	285	109	24	986
Welfare associate professionals							
Parole or probation officer	5	25	98	162	80	10	380
Youth worker	317	966	810	396	100	11	2,600
Residential care officer	18	108	122	79	32	3	362
Disabilities services officer	79	423	497	310	99	3	1,411
Family support worker	10	29	41	29	14	5	128
<i>Total</i>	429	1,551	1,568	976	325	32	4,881
Children's care workers							
Childcare coordinator	40	118	184	152	80	19	593
Childcare worker	725	300	140	86	52	15	1,318
Family day care worker	77	75	61	45	21	6	285
Nanny	94	15	11	11	4	4	139
Children's care worker nfd	69	64	72	45	21	13	284
<i>Total</i>	1,005	572	468	339	178	57	2,619
Special care workers							
Hostel parent	46	60	69	66	34	5	280
Child/youth resident care assistant	86	179	173	93	31	3	565
Refuge worker	—	6	14	15	5	3	43
Aged or disabled person carer	704	1,384	1,405	1,100	567	84	5,244
<i>Total</i>	836	1,629	1,661	1,274	637	95	6,132
Total (males)	2,811	6,026	7,450	5,337	2,091	324	24,039

(continued)

Table 26 (continued): Persons employed in community services occupations: age and sex, 1996

Occupation	15-24	25-34	35-44	45-54	55-64	65+	Total
Females							
Pre-primary & special education							
Pre-primary school teacher	1,806	3,504	4,172	2,241	551	25	12,299
Special needs teacher	366	1,310	2,819	2,446	513	51	7,505
Teacher of the hearing impaired	26	122	197	158	37	4	544
Teacher of the sight impaired	11	40	73	64	15	4	207
Special education teacher nec	93	231	342	293	88	6	1,053
Preschool aide	248	400	1,259	916	217	10	3,050
Integration aide	155	323	1,360	852	98	3	2,791
<i>Total</i>	<i>2,705</i>	<i>5,930</i>	<i>10,222</i>	<i>6,970</i>	<i>1,519</i>	<i>103</i>	<i>27,449</i>
Welfare, social & community workers							
Welfare centre manager	11	101	210	204	56	3	585
Social worker	398	1,593	1,892	1,533	366	40	5,822
Welfare worker	455	1,134	1,372	1,233	323	34	4,551
Community worker	655	2,763	4,188	3,406	903	83	11,998
<i>Total</i>	<i>1,519</i>	<i>5,591</i>	<i>7,662</i>	<i>6,376</i>	<i>1,648</i>	<i>160</i>	<i>22,956</i>
Counsellors							
Rehabilitation counsellor	66	316	284	191	31	—	888
Drug & alcohol counsellor	27	99	141	113	30	4	414
Family counsellor	34	178	335	369	132	21	1,069
<i>Total</i>	<i>127</i>	<i>593</i>	<i>760</i>	<i>673</i>	<i>193</i>	<i>25</i>	<i>2,371</i>
Welfare associate professionals							
Parole or probation officer	49	89	134	138	36	3	449
Youth worker	547	1,054	685	410	92	3	2,791
Residential care officer	68	197	197	152	45	3	662
Disabilities services officer	539	1,059	962	746	202	11	3,519
Family support worker	49	151	302	287	76	5	870
<i>Total</i>	<i>1,252</i>	<i>2,550</i>	<i>2,280</i>	<i>1,733</i>	<i>451</i>	<i>25</i>	<i>8,291</i>
Children's care workers							
Childcare coordinator	757	2,078	1,953	1,441	284	29	6,542
Childcare worker	11,288	6,808	6,624	4,134	930	99	29,883
Family day care worker	2,642	4,593	5,336	2,992	680	49	16,292
Nanny	3,436	1,294	698	679	270	59	6,436
Children's care worker nfd	1,507	1,792	2,157	1,430	416	64	7,366
<i>Total</i>	<i>19,630</i>	<i>16,565</i>	<i>16,768</i>	<i>10,676</i>	<i>2,580</i>	<i>300</i>	<i>66,519</i>
Special care workers							
Hostel parent	121	353	385	308	156	24	1,347
Child/youth resident care assistant	809	858	766	489	102	3	3,027
Refuge worker	26	102	152	122	36	3	441
Aged or disabled person carer	2,785	4,838	8,831	10,410	3,548	284	30,696
Special care worker nfd	11	22	16	12	—	—	61
<i>Total</i>	<i>3,752</i>	<i>6,173</i>	<i>10,150</i>	<i>11,341</i>	<i>3,842</i>	<i>314</i>	<i>35,572</i>
Total (females)	28,985	37,402	47,842	37,769	10,233	927	163,158

(continued)

Table 26 (continued): Persons employed in community services occupations: age and sex, 1996

Occupation	15-24	25-34	35-44	45-54	55-64	65+	Total
Persons							
Pre-primary & special education							
Pre-primary school teacher	1,846	3,589	4,280	2,276	564	29	12,584
Special needs teacher	404	1,547	3,350	2,849	609	67	8,826
Teacher of the hearing impaired	26	128	226	179	45	4	608
Teacher of the sight impaired	11	47	94	77	21	4	254
Special education teacher nec	111	303	444	395	131	14	1,398
Preschool aide	256	405	1,269	919	220	10	3,079
Integration aide	176	344	1,380	871	105	3	2,879
<i>Total</i>	<i>2,830</i>	<i>6,363</i>	<i>11,043</i>	<i>7,566</i>	<i>1,695</i>	<i>131</i>	<i>29,628</i>
Welfare, social & community workers							
Welfare centre manager	14	156	330	355	120	10	985
Social worker	453	1,896	2,440	1,878	476	50	7,193
Welfare worker	594	1,542	1,890	1,650	491	53	6,220
Community worker	850	3,649	5,579	4,360	1,227	135	15,800
<i>Total</i>	<i>1,911</i>	<i>7,243</i>	<i>10,239</i>	<i>8,243</i>	<i>2,314</i>	<i>248</i>	<i>30,198</i>
Counsellors							
Rehabilitation counsellor	77	395	406	271	52	5	1,206
Drug & alcohol counsellor	35	165	276	208	60	8	752
Family counsellor	39	222	433	479	190	36	1,399
<i>Total</i>	<i>151</i>	<i>782</i>	<i>1,115</i>	<i>958</i>	<i>302</i>	<i>49</i>	<i>3,357</i>
Welfare associate professionals							
Parole or probation officer	54	114	232	300	116	13	829
Youth worker	864	2,020	1,495	806	192	14	5,391
Residential care officer	86	305	319	231	77	6	1,024
Disabilities services officer	618	1,482	1,459	1,056	301	14	4,930
Family support worker	59	180	343	316	90	10	998
<i>Total</i>	<i>1,681</i>	<i>4,101</i>	<i>3,848</i>	<i>2,709</i>	<i>776</i>	<i>57</i>	<i>13,172</i>
Children's care workers							
Childcare coordinator	797	2,196	2,137	1,593	364	48	7,135
Childcare worker	12,013	7,108	6,764	4,220	982	114	31,201
Family day care worker	2,719	4,668	5,397	3,037	701	55	16,577
Nanny	3,530	1,309	709	690	274	63	6,575
Children's care worker nfd	1,576	1,856	2,229	1,475	437	77	7,650
<i>Total</i>	<i>20,635</i>	<i>17,137</i>	<i>17,236</i>	<i>11,015</i>	<i>2,758</i>	<i>357</i>	<i>69,138</i>
Special care workers							
Hostel parent	167	413	454	374	190	29	1,627
Child/youth resident care assistant	895	1,037	939	582	133	6	3,592
Refuge worker	26	108	166	137	41	6	484
Aged or disabled person carer	3,489	6,222	10,236	11,510	4,115	368	35,940
Special care worker nfd	11	22	16	12	—	—	61
<i>Total</i>	<i>4,588</i>	<i>7,802</i>	<i>11,811</i>	<i>12,615</i>	<i>4,479</i>	<i>409</i>	<i>41,704</i>
Total (persons)	31,796	43,428	55,292	43,106	12,324	1,251	187,197

Source: ABS.

Table 27: Persons employed in community services occupations: Indigenous status, 1996

Occupation	Indigenous	Non-Indigenous	Not stated	Total	% Indigenous
Pre-primary & special education					
Pre-primary school teacher	131	12,398	55	12,584	1.0
Special education teachers	193	10,843	50	11,086	1.7
Preschool aide	63	3,002	11	3,076	2.0
Integration aide	16	2,848	13	2,877	0.6
<i>Total</i>	<i>403</i>	<i>29,091</i>	<i>129</i>	<i>29,623</i>	<i>1.4</i>
Welfare, social & community workers					
Welfare centre manager	25	954	5	984	2.5
Social worker	113	7,058	22	7,193	1.6
Welfare worker	286	5,907	27	6,220	4.6
Community worker	826	14,891	83	15,800	5.2
<i>Total</i>	<i>1,250</i>	<i>28,810</i>	<i>137</i>	<i>30,197</i>	<i>4.1</i>
Counsellors					
Rehabilitation counsellor	19	1,184	4	1,207	1.6
Drug & alcohol counsellor	80	666	6	752	10.6
Family counsellor	16	1,378	5	1,399	1.1
<i>Total</i>	<i>115</i>	<i>3,228</i>	<i>15</i>	<i>3,358</i>	<i>3.4</i>
Welfare associate professionals					
Parole or probation officer	26	797	5	828	3.1
Youth worker	339	5,028	24	5,391	6.3
Residential care officer	17	997	7	1,021	1.7
Disabilities services officer	40	4,852	38	4,930	0.8
Family support worker	85	910	3	998	8.5
<i>Total</i>	<i>507</i>	<i>12,584</i>	<i>77</i>	<i>13,168</i>	<i>3.9</i>
Children's care workers					
Childcare coordinator	89	7,013	33	7,135	1.2
Childcare worker	594	30,444	163	31,201	1.9
Family day care worker	215	16,283	79	16,577	1.3
Nanny	67	6,482	26	6,575	1.0
Children's care worker nfd	382	7,218	50	7,650	5.0
<i>Total</i>	<i>1,347</i>	<i>67,440</i>	<i>351</i>	<i>69,138</i>	<i>1.9</i>
Special care workers					
Special care worker nfd	773	40,566	365	41,704	1.9
<i>Total</i>	<i>773</i>	<i>40,566</i>	<i>365</i>	<i>41,704</i>	<i>1.9</i>
Total	4,395	181,719	1,074	187,188	2.3

Source: ABS.

Table 28: Persons employed in selected community services occupations: sex and hours worked, 1996

Occupation	None	1-15	16-24	25-34	35-39	40-48	49 +	Not stated	Total
Males									
Pre-primary & special education									
Pre-primary school teacher	7	22	8	38	72	95	37	6	285
Special needs teacher	36	81	56	208	418	479	146	10	1,434
Preschool/integration aide	—	33	19	20	23	18	3	—	116
<i>Total</i>	<i>43</i>	<i>136</i>	<i>83</i>	<i>266</i>	<i>513</i>	<i>592</i>	<i>186</i>	<i>16</i>	<i>1,835</i>
Welfare, social & community workers									
Social worker	54	43	64	98	511	515	75	11	1,371
Welfare worker/welfare centre manager	97	107	131	191	590	724	204	24	2,068
Community worker	129	200	240	287	1,154	1,347	408	37	3,802
<i>Total</i>	<i>280</i>	<i>350</i>	<i>435</i>	<i>576</i>	<i>2,255</i>	<i>2,586</i>	<i>687</i>	<i>72</i>	<i>7,241</i>
Counsellors									
Rehabilitation counsellor	6	13	17	20	106	114	36	6	318
Drug & alcohol counsellor	11	13	27	27	94	146	18	3	339
Family counsellor	8	28	21	38	81	113	39	3	331
<i>Total</i>	<i>25</i>	<i>54</i>	<i>65</i>	<i>85</i>	<i>281</i>	<i>373</i>	<i>93</i>	<i>12</i>	<i>988</i>
Welfare associate professionals									
Youth worker	112	195	208	253	681	859	256	36	2,600
Residential care officer	31	6	15	15	26	250	15	3	361
Disabilities services officer	91	52	88	120	516	451	84	9	1,411
Family support worker	7	6	13	10	40	48	3	—	127
<i>Total</i>	<i>241</i>	<i>259</i>	<i>324</i>	<i>398</i>	<i>1,263</i>	<i>1,608</i>	<i>358</i>	<i>48</i>	<i>4,499</i>
Children's care workers									
Childcare worker/childcare coordinator	54	619	197	179	215	372	248	27	1,911
Family day care worker	13	40	39	33	41	61	50	8	285
Nanny	5	81	8	11	4	15	7	8	139
Children's care worker nfd	16	61	34	27	37	42	47	20	284
<i>Total</i>	<i>88</i>	<i>801</i>	<i>278</i>	<i>250</i>	<i>297</i>	<i>490</i>	<i>352</i>	<i>63</i>	<i>2,619</i>
Special care workers									
Child/youth residential care assistant	35	57	56	55	143	180	36	3	565
Aged or disabled person carer	183	854	640	798	1,135	1,040	479	115	5,244
Special care worker nfd	19	52	45	36	85	121	127	12	497
<i>Total</i>	<i>237</i>	<i>963</i>	<i>741</i>	<i>889</i>	<i>1,363</i>	<i>1,341</i>	<i>642</i>	<i>130</i>	<i>6,306</i>
Total (males)	914	2,563	1,926	2,464	5,972	6,990	2,318	341	23,488

(continued)

Table 28 (continued): Persons employed in selected community services occupations: sex and hours worked, 1996

Occupation	None	1-15	16-24	25-34	35-39	40-48	49 +	Not stated	Total
Females									
Pre-primary & special education									
Pre-primary school teacher	310	1,243	1,812	1,560	2,580	4,030	684	80	12,299
Special needs teacher	245	942	1,066	1,362	1,818	2,186	556	81	8,256
Preschool/integration aide	108	1,633	1,497	1,672	550	268	48	63	5,839
<i>Total</i>	<i>663</i>	<i>3,818</i>	<i>4,375</i>	<i>4,594</i>	<i>4,948</i>	<i>6,484</i>	<i>1,288</i>	<i>224</i>	<i>26,394</i>
Welfare, social & community workers									
Social worker	274	333	825	696	1,575	1,850	211	58	5,822
Welfare worker/welfare centre manager	230	451	738	768	1,334	1,332	233	50	5,136
Community worker	454	1,161	1,813	1,850	3,054	2,999	576	91	11,998
<i>Total</i>	<i>958</i>	<i>1,945</i>	<i>3,376</i>	<i>3,314</i>	<i>5,963</i>	<i>6,181</i>	<i>1,020</i>	<i>199</i>	<i>22,956</i>
Counsellors									
Rehabilitation counsellor	29	49	108	119	278	265	35	6	889
Drug & alcohol counsellor	13	38	39	47	116	135	20	6	414
Family counsellor	53	165	234	163	194	213	44	3	1,069
<i>Total</i>	<i>95</i>	<i>252</i>	<i>381</i>	<i>329</i>	<i>588</i>	<i>613</i>	<i>99</i>	<i>15</i>	<i>2,372</i>
Welfare associate professionals									
Youth worker	148	321	375	353	677	716	161	40	2,791
Residential care officer	43	23	56	43	56	405	29	5	660
Disabilities services officer	218	240	458	532	955	933	142	41	3,519
Family support worker	37	134	240	133	166	130	24	6	870
<i>Total</i>	<i>446</i>	<i>718</i>	<i>1,129</i>	<i>1,061</i>	<i>1,854</i>	<i>2,184</i>	<i>356</i>	<i>92</i>	<i>7,840</i>
Children's care workers									
Childcare worker/childcare coordinator	938	7,709	5,569	4,879	6,552	9,050	1,272	456	36,425
Family day care worker	390	1,682	1,739	2,194	2,487	4,755	2,789	256	16,292
Nanny	163	2,095	824	792	533	1,036	752	241	6,436
Children's care worker nfd	186	1,372	992	965	940	1,671	1,005	235	7,366
<i>Total</i>	<i>1,677</i>	<i>12,858</i>	<i>9,124</i>	<i>8,830</i>	<i>10,512</i>	<i>16,512</i>	<i>5,818</i>	<i>1,188</i>	<i>66,519</i>
Special care workers									
Child/youth residential care assistant	118	435	439	489	720	634	147	45	3,027
Aged or disabled person carer	1,353	8,011	7,738	6,107	3,242	2,673	1,057	515	30,696
Special care worker nfd	146	424	496	442	401	433	567	185	3,094
<i>Total</i>	<i>1,617</i>	<i>8,870</i>	<i>8,673</i>	<i>7,038</i>	<i>4,363</i>	<i>3,740</i>	<i>1,771</i>	<i>745</i>	<i>36,817</i>
Total (females)	5,456	28,461	27,058	25,166	28,228	35,714	10,352	2,463	162,898

(continued)

Table 28 (continued): Persons employed in selected community services occupations: sex and hours worked, 1996

Occupation	None	1-15	16-24	25-34	35-39	40-48	49 +	Not stated	Total
Persons									
Pre-primary & special education									
Pre-primary school teacher	317	1,265	1,820	1,598	2,652	4,125	721	86	12,584
Special needs teacher	281	1,023	1,122	1,570	2,236	2,665	702	91	9,690
Preschool/integration aide	108	1,666	1,516	1,692	573	286	51	63	5,955
<i>Total</i>	<i>706</i>	<i>3,954</i>	<i>4,458</i>	<i>4,860</i>	<i>5,461</i>	<i>7,076</i>	<i>1,474</i>	<i>240</i>	<i>28,229</i>
Welfare, social & community workers									
Social worker	328	376	889	794	2,086	2,365	286	69	7,193
Welfare worker/welfare centre manager	327	558	869	959	1,924	2,056	437	74	7,204
Community worker	583	1,361	2,053	2,137	4,208	4,346	984	128	15,800
<i>Total</i>	<i>1,238</i>	<i>2,295</i>	<i>3,811</i>	<i>3,890</i>	<i>8,218</i>	<i>8,767</i>	<i>1,707</i>	<i>271</i>	<i>30,197</i>
Counsellors									
Rehabilitation counsellor	35	62	125	139	384	379	71	12	1,207
Drug & alcohol counsellor	24	51	66	74	210	281	38	9	753
Family counsellor	61	193	255	201	275	326	83	6	1,400
<i>Total</i>	<i>120</i>	<i>306</i>	<i>446</i>	<i>414</i>	<i>869</i>	<i>986</i>	<i>192</i>	<i>27</i>	<i>3,360</i>
Welfare associate professionals									
Youth worker	260	516	583	606	1,358	1,575	417	76	5,391
Residential care officer	74	29	71	58	82	655	44	8	1,021
Disabilities services officer	309	292	546	652	1,471	1,384	226	50	4,930
Family support worker	44	140	253	143	206	178	27	6	997
<i>Total</i>	<i>687</i>	<i>977</i>	<i>1,453</i>	<i>1,459</i>	<i>3,117</i>	<i>3,792</i>	<i>714</i>	<i>140</i>	<i>12,339</i>
Children's care workers									
Childcare worker/childcare coordinator	992	8,328	5,766	5,058	6,767	9,422	1,520	483	38,336
Family day care worker	403	1,722	1,778	2,227	2,528	4,816	2,839	264	16,577
Nanny	168	2,176	832	803	537	1,051	759	249	6,575
Children's care worker nfd	202	1,433	1,026	992	977	1,713	1,052	255	7,650
<i>Total</i>	<i>1,765</i>	<i>13,659</i>	<i>9,402</i>	<i>9,080</i>	<i>10,809</i>	<i>17,002</i>	<i>6,170</i>	<i>1,251</i>	<i>69,138</i>
Special care workers									
Child/youth residential care assistant	153	492	495	544	863	814	183	48	3,592
Aged or disabled person carer	1,536	8,865	8,378	6,905	4,377	3,713	1,536	630	35,940
Special care worker nfd	165	476	541	478	486	554	694	197	3,591
<i>Total</i>	<i>1,854</i>	<i>9,833</i>	<i>9,414</i>	<i>7,927</i>	<i>5,726</i>	<i>5,081</i>	<i>2,413</i>	<i>875</i>	<i>43,123</i>
Total (persons)	6,370	31,024	28,984	27,630	34,200	42,704	12,670	2,804	186,386

Source: ABS.

Table 29: Persons employed in selected community services occupations: statistical region of usual residence, 1996

	Pre- primary, special education	Welfare, social, community workers	Coun- sellors	Welfare associate profess- ionals	Children's care workers	Special care workers	Total
New South Wales							
Sydney	5,037	5,648	684	1,285	8,905	7,270	28,829
Gosford-Wyong	423	340	43	255	712	742	2,515
Hunter	717	823	87	198	1,173	1,804	4,802
Illawarra	581	628	92	215	870	973	3,359
South Eastern	215	264	34	44	520	639	1,716
Richmond-Tweed	296	332	38	52	542	732	1,992
Mid-North Coast	411	383	37	70	647	809	2,357
Northern	397	308	30	48	399	209	1,391
Far West-North Western	265	233	28	68	278	514	1,386
Central West	250	263	39	48	360	596	1,556
Murray-Murrumbidgee	353	363	45	97	587	912	2,357
Other NSW (undefined)	9	25	7	9	20	27	97
<i>NSW excl. Sydney</i>	<i>3,917</i>	<i>3,962</i>	<i>480</i>	<i>1,104</i>	<i>6,108</i>	<i>7,957</i>	<i>23,528</i>
<i>Total NSW</i>	<i>8,954</i>	<i>9,610</i>	<i>1,164</i>	<i>2,389</i>	<i>15,013</i>	<i>15,227</i>	<i>52,357</i>
Victoria							
Melbourne	3,574	6,074	516	1,208	9,104	10,157	30,633
Barwon-Western District	352	635	36	101	793	1,460	3,377
Central Highlands-Wimmera	188	480	37	72	427	1,048	2,252
Loddon-Mallee	261	532	38	91	643	1,025	2,590
Goulburn-Ovens-Murray	232	478	43	85	808	1,099	2,745
All Gippsland	210	475	30	82	604	901	2,302
Other Victoria (undefined)	7	9	3	10	19	12	60
<i>Victoria excl. Melbourne</i>	<i>1,250</i>	<i>2,609</i>	<i>187</i>	<i>441</i>	<i>3,294</i>	<i>5,545</i>	<i>13,326</i>
<i>Total Victoria</i>	<i>4,824</i>	<i>8,683</i>	<i>703</i>	<i>1,649</i>	<i>12,398</i>	<i>15,702</i>	<i>43,959</i>
Queensland							
Brisbane	2,080	1,973	261	1,026	5,330	4,479	15,149
South and East Moreton	355	274	45	89	1,057	813	2,633
North and West Moreton	301	239	31	158	778	795	2,302
Wide Bay-Burnett	267	207	18	85	553	689	1,819
Darling Downs-South West	323	244	25	112	520	756	1,980
Mackay-Fitzroy-Central West	407	334	42	117	841	709	2,450
Northern-North West	311	340	41	150	822	710	2,374
Far North	279	289	28	53	670	474	1,793
Other Queensland	6	11	—	6	24	20	67
<i>Queensland excl. Brisbane</i>	<i>2,249</i>	<i>1,938</i>	<i>230</i>	<i>770</i>	<i>5,265</i>	<i>4,966</i>	<i>15,418</i>
<i>Total Queensland</i>	<i>4,329</i>	<i>3,911</i>	<i>491</i>	<i>1,796</i>	<i>10,595</i>	<i>9,445</i>	<i>30,567</i>

(continued)

Table 29 (continued): Persons employed in selected community services occupations: statistical region of usual residence, 1996

Statistical region	Pre- primary, special education	Welfare, social, community workers	Coun- sellors	Welfare associate profess- ionals	Children's care workers	Special care workers	Total
South Australia							
Adelaide	1,426	2,177	306	505	2,122	4,998	11,534
Northern and Western SA	284	270	33	70	314	602	1,573
Southern and Eastern SA	320	304	44	63	388	796	1,915
Other SA (undefined)	6	—	—	3	—	11	20
<i>South Australia excl. Adelaide</i>	<i>610</i>	<i>574</i>	<i>77</i>	<i>136</i>	<i>702</i>	<i>1,409</i>	<i>3,508</i>
<i>Total South Australia</i>	<i>2,036</i>	<i>2,751</i>	<i>383</i>	<i>641</i>	<i>2,824</i>	<i>6,407</i>	<i>15,042</i>
Western Australia							
Perth	1,441	1,890	319	379	3,070	5,145	12,244
Lower Western WA	283	234	24	68	369	761	1,739
Remainder-Balance WA	339	384	39	76	480	605	1,923
Other WA (undefined)	3	—	3	3	10	10	29
<i>Western Australia excl. Perth</i>	<i>625</i>	<i>618</i>	<i>66</i>	<i>147</i>	<i>859</i>	<i>1,376</i>	<i>3,691</i>
<i>Total Western Australia</i>	<i>2,066</i>	<i>2,508</i>	<i>385</i>	<i>526</i>	<i>3,929</i>	<i>6,521</i>	<i>15,935</i>
Tasmania							
Greater Hobart-Southern	346	452	60	97	708	1,366	3,029
Mersey-Lyell	129	156	14	40	213	637	1,189
Northern Tasmania	95	226	20	53	297	—	691
Other Tasmania (undefined)	—	3	—	—	—	5	8
<i>Total Tasmania</i>	<i>570</i>	<i>837</i>	<i>94</i>	<i>190</i>	<i>1,218</i>	<i>2,008</i>	<i>4,917</i>
Northern Territory							
Darwin	149	184	35	45	268	328	1,009
Balance Northern Territory	230	299	27	32	237	304	1,129
Other NT (undefined)	6	—	—	—	—	6	12
<i>Total Northern Territory</i>	<i>385</i>	<i>483</i>	<i>62</i>	<i>77</i>	<i>505</i>	<i>638</i>	<i>2,150</i>
Australian Capital Territory							
Australian Capital Territory	514	529	77	140	1,292	1,196	3,748
Other ACT (undefined)	—	—	—	—	—	3	3
<i>Total Australian Capital Territory</i>	<i>514</i>	<i>529</i>	<i>77</i>	<i>140</i>	<i>1,292</i>	<i>1,199</i>	<i>3,751</i>
Australia	23,678	29,312	3,359	7,408	47,774	57,147	168,678

Source: ABS.

Table 30: Persons employed in selected community services occupations per 100,000 population: statistical region of usual residence, 1996

Statistical region	Pre- primary, special education	Welfare, social, community workers	Coun- sellors	Welfare associate profess- ionals	Children's care workers	Special care workers	Total
New South Wales							
Sydney	145.8	163.5	19.8	37.2	257.8	210.5	834.6
Gosford-Wyong	160.8	129.3	16.3	96.9	270.7	282.1	956.1
Hunter	132.2	151.7	16.0	36.5	216.3	332.6	885.3
Illawarra	160.2	173.2	25.4	59.3	239.9	268.3	926.3
South Eastern	123.0	151.0	19.4	25.2	297.4	365.4	981.3
Richmond-Tweed	151.0	169.4	19.4	26.5	276.5	373.5	1,016.3
Mid-North Coast	159.7	148.8	14.4	27.2	251.4	314.4	916.0
Northern	227.3	176.3	17.2	27.5	228.4	119.6	796.2
Far West-North Western	187.7	165.0	19.8	48.2	196.9	364.0	981.6
Central West	148.0	155.7	23.1	28.4	213.1	352.7	920.9
Murray-Murrumbidgee	138.7	142.6	17.7	38.1	230.6	358.3	926.1
Other NSW (undefined)	56.5	156.8	43.9	56.5	125.5	169.4	608.6
<i>NSW excl. Sydney</i>	<i>153.5</i>	<i>155.3</i>	<i>18.8</i>	<i>43.3</i>	<i>239.4</i>	<i>311.8</i>	<i>922.1</i>
<i>Total NSW</i>	<i>149.1</i>	<i>160.0</i>	<i>19.4</i>	<i>39.8</i>	<i>250.0</i>	<i>253.5</i>	<i>871.8</i>
Victoria							
Melbourne	113.2	192.3	16.3	38.3	288.3	321.6	970.0
Barwon-Western District	106.3	191.8	10.9	30.5	239.5	441.0	1,020.1
Central Highlands-Wimmera	102.9	262.8	20.3	39.4	233.8	573.8	1,233.1
Loddon-Mallee	109.2	222.7	15.9	38.1	269.1	429.0	1,084.1
Goulburn-Ovens-Murray	87.3	179.9	16.2	32.0	304.1	413.7	1,033.3
All Gippsland	91.9	207.9	13.1	35.9	264.4	394.4	1,007.6
Other Victoria (undefined)	75.2	96.6	32.2	107.4	204.0	128.8	644.2
<i>Victoria excl. Melbourne</i>	<i>99.5</i>	<i>207.7</i>	<i>14.9</i>	<i>35.1</i>	<i>262.3</i>	<i>441.5</i>	<i>1,061.0</i>
<i>Total Victoria</i>	<i>109.3</i>	<i>196.7</i>	<i>15.9</i>	<i>37.4</i>	<i>280.9</i>	<i>355.7</i>	<i>995.9</i>
Queensland							
Brisbane	141.1	133.8	17.7	69.6	361.5	303.8	1,027.4
South and East Moreton	109.4	84.4	13.9	27.4	325.8	250.6	811.5
North and West Moreton	111.6	88.6	11.5	58.6	288.4	294.7	853.4
Wide Bay-Burnett	122.6	95.1	8.3	39.0	254.0	316.4	835.4
Darling Downs-South West	147.0	111.0	11.4	51.0	236.6	344.0	900.9
Mackay-Fitzroy-Central West	134.9	110.7	13.9	38.8	278.7	235.0	812.0
Northern-North West	140.8	153.9	18.6	67.9	372.1	321.4	1,074.7
Far North	136.9	141.8	13.7	26.0	328.7	232.6	879.7
Other Queensland (undefined)	40.9	75.0	—	40.9	163.5	136.3	456.5
<i>Queensland excl. Brisbane</i>	<i>126.9</i>	<i>109.3</i>	<i>13.0</i>	<i>43.4</i>	<i>297.0</i>	<i>280.1</i>	<i>869.7</i>
<i>Total Queensland</i>	<i>133.3</i>	<i>120.4</i>	<i>15.1</i>	<i>55.3</i>	<i>326.3</i>	<i>290.9</i>	<i>941.3</i>

(continued)

Table 30 (continued): Persons employed in selected community services occupations per 100,000 population: statistical region of usual residence, 1996

Statistical region	Pre- primary, special education	Welfare, social, community workers	Coun- sellors	Welfare associate profess- ionals	Children's care workers	Special care workers	Total
South Australia							
Adelaide	135.8	207.3	29.1	48.1	202.1	475.9	1,098.3
Northern and Western SA	182.0	173.1	21.2	44.9	201.3	385.9	1,008.3
Southern and Eastern SA	140.7	133.7	19.3	27.7	170.6	350.0	842.0
Other SA (undefined)	168.0	—	—	84.0	—	308.0	559.9
<i>South Australia excl. Adelaide</i>	<i>157.6</i>	<i>148.3</i>	<i>19.9</i>	<i>35.1</i>	<i>181.4</i>	<i>364.1</i>	<i>906.4</i>
<i>Total South Australia</i>	<i>141.7</i>	<i>191.4</i>	<i>26.6</i>	<i>44.6</i>	<i>196.5</i>	<i>445.8</i>	<i>1,046.6</i>
Western Australia							
Perth	116.1	152.2	25.7	30.5	247.3	414.4	986.1
Lower Western WA	123.0	101.7	10.4	29.5	160.3	330.7	755.6
Remainder-Balance WA	149.5	169.4	17.2	33.5	211.7	266.8	848.1
Other WA (undefined)	40.3	—	40.3	40.3	134.5	134.5	390.0
<i>Western Australia excl. Perth</i>	<i>134.6</i>	<i>133.1</i>	<i>14.2</i>	<i>31.7</i>	<i>185.0</i>	<i>296.4</i>	<i>795.0</i>
<i>Total Western Australia</i>	<i>121.1</i>	<i>147.0</i>	<i>22.6</i>	<i>30.8</i>	<i>230.3</i>	<i>382.3</i>	<i>934.1</i>
Tasmania							
Greater Hobart-Southern	153.9	201.0	26.7	43.1	314.9	607.6	1,347.3
Mersey-Lyell	119.9	145.0	13.0	37.2	197.9	591.9	1,104.8
Northern Tasmania	72.4	172.1	15.2	40.4	226.2	—	526.3
Other Tasmania (undefined)	—	278.6	—	—	—	464.3	742.8
<i>Total Tasmania</i>	<i>122.6</i>	<i>180.1</i>	<i>20.2</i>	<i>40.9</i>	<i>262.0</i>	<i>432.0</i>	<i>1,057.8</i>
Northern Territory							
Darwin	190.1	234.7	44.7	57.4	341.9	418.4	1,287.2
Balance Northern Territory	243.2	316.2	28.5	33.8	250.6	321.4	1,193.8
Other NT (undefined)	252.8	—	—	—	—	252.8	505.7
<i>Total Northern Territory</i>	<i>219.6</i>	<i>275.5</i>	<i>35.4</i>	<i>43.9</i>	<i>288.0</i>	<i>363.9</i>	<i>1,226.2</i>
Australian Capital Territory							
Australian Capital Territory	172.3	177.4	25.8	46.9	433.2	401.0	1,256.5
Other ACT (undefined)	—	—	—	—	—	398.4	398.4
<i>Total Australian Capital Territory</i>	<i>171.9</i>	<i>176.9</i>	<i>25.7</i>	<i>46.8</i>	<i>432.1</i>	<i>401.0</i>	<i>1,254.4</i>
Total Australia	133.4	165.1	18.9	41.7	269.2	322.0	950.3

Source: AIHW from ABS data.

Table 31: Persons employed in selected community services occupations: income, 1996

Occupation	Nil or no income	\$1– \$10,399	\$10,400– \$20,799	\$20,800– \$41,599	\$41,600– \$77,999	\$78,000+	Not stated	Total
Pre-primary & special education								
Pre-primary school teacher	25	922	2,642	7,279	1,564	24	131	12,587
Special needs teachers	23	546	1,358	4,667	2,995	18	85	9,692
Preschool/integration aides	14	1,830	3,217	771	32	6	83	5,953
<i>Total</i>	62	3,298	7,217	12,717	4,591	48	299	28,232
Welfare, social & community workers								
Social worker	10	213	863	4,528	1,489	25	63	7,191
Welfare worker/welfare centre manager	16	420	1,486	4,304	865	29	88	7,208
Community worker	40	1,077	3,262	9,122	2,038	111	152	15,802
<i>Total</i>	66	1,710	5,611	17,954	4,392	165	303	30,201
Counsellors								
Rehabilitation counsellor	6	26	81	631	424	30	8	1,206
Drug & alcohol counsellor	3	39	131	508	65	—	7	753
Family counsellor	6	107	291	694	277	19	10	1,404
<i>Total</i>	15	172	503	1,833	766	49	25	3,363
Welfare associate professionals								
Youth worker	15	520	1,205	3,317	255	13	71	5,396
Residential care officer	3	43	142	773	44	—	15	1,020
Disabilities services officer	9	251	939	3,420	260	3	49	4,931
Family support worker	6	108	360	467	44	—	12	997
<i>Total</i>	33	922	2,646	7,977	603	16	147	12,344
Children's care workers								
Childcare worker/coordinator	252	10,059	16,737	9,948	722	84	533	38,335
Family day care worker	81	4,451	7,628	4,043	98	14	262	16,577
Nanny	88	2,951	2,602	808	15	6	110	6,580
Children's care worker nfd	64	2,615	3,246	1,477	67	13	168	7,650
<i>Total</i>	485	20,076	30,213	16,276	902	117	1,073	69,142
Special care workers								
Child/youth resident care assistant	10	529	1,299	1,625	92	3	38	3,596
Aged or disabled person carer	135	8,927	16,519	9,256	436	24	642	35,939
<i>Total</i>	145	9,456	17,818	10,881	528	27	680	39,535
Total	806	35,634	64,008	67,638	11,782	422	2,527	182,817

Source: ABS.

Table 32: Persons employed in selected community services occupations: industry of employment, 1996

Industry	Pre-primary & special education	Welfare, social & community workers	Counsellors	Welfare associate professionals	Children's care workers	Special care workers	Total
Hospitals (excl. psychiatric)	33	2,189	151	74	218	1,019	3,684
Psychiatric hospitals	3	239	14	170	3	154	583
Nursing homes	13	633	9	127	60	6,990	7,832
GP medical services	3	66	18	3	109	47	246
Specialist medical services	6	98	10	28	39	35	216
Dental services	—	36	—	3	23	21	83
Pathology services	—	10	3	3	—	7	23
Community health centres	79	2,763	800	1,483	504	1,792	7,421
Other health industry	27	926	189	143	229	1,347	2,861
Community services (undefined)	26	1,381	34	349	165	1,174	3,129
Childcare services	3,544	708	19	180	45,857	1,778	52,086
Accommodation for the aged	3	384	3	34	20	3,483	3,927
Residential care services nec	132	2,384	102	3,031	531	7,295	13,475
Non-residential care services nec	369	8,331	1,126	2,448	1,665	7,105	21,044
Government administration	514	3,586	297	906	1,923	2,777	10,003
Defence	3	75	9	—	17	14	118
Education	22,691	1,036	56	584	6,689	1,249	32,305
Other industries (incl. not stated)	780	5,352	518	2,768	11,085	6,836	27,339
<i>Total</i>	<i>28,226</i>	<i>30,197</i>	<i>3,358</i>	<i>12,334</i>	<i>69,137</i>	<i>43,123</i>	<i>186,375</i>

Source: ABS.

Table 33: Persons employed in community services industries: occupation, Australia, 1996

Occupation	Community services, undefined	Childcare services	Accommodation for the aged	Residential care services nec	Non-residential care services nec	Total
Managers & administrators						
Managers & administrators nfd	67	130	53	106	382	738
Generalist managers	91	74	169	143	755	1,232
Specialist managers	216	5,092	219	428	2,089	8,044
Farmers & farm managers	3	16	15	16	47	97
Professionals						
Professionals nfd	23	48	9	20	203	303
Science, building, & engineering	17	69	9	13	131	239
Business & information	256	262	79	272	2,358	3,227
Health	390	333	2,331	1,969	2,051	7,074
Education	166	3,610	14	342	1,355	5,487
Social, arts, & miscellaneous	1,658	922	657	2,785	12,161	18,183
Associate professionals						
Associate professionals nfd	6	8	14	16	42	86
Science, engineering & related	26	70	10	17	87	210
Business & administration	337	430	181	417	2,095	3,460
Managing supervisor (sales & service)	84	268	599	447	867	2,265
Health & welfare	447	1,326	554	3,486	3,262	9,075
Other associate professionals	42	28	—	28	89	187
Tradespersons & related workers						
Tradespersons & related workers nfd	15	7	31	17	46	116
Mechanical & fabrication engineering	6	16	9	20	115	166
Automotive	3	17	—	12	96	128
Electrical & electronics	3	13	13	9	47	85
Construction	43	51	42	64	228	428
Food	46	1,249	706	363	319	2,683
Skilled agricultural & horticultural	71	121	265	152	439	1,048
Other tradespersons	16	7	40	45	216	324
Advanced clerical & service workers						
Secretaries & personal assistants	162	228	170	241	1,482	2,283
Other advanced clerical & service	97	334	82	135	546	1,194
Intermediate clerical, sales & service workers						
Clerical & service workers nfd	—	43	18	23	30	114
Clerical workers	658	1,005	462	714	4,843	7,682
Sales & related workers	3	6	6	6	128	149
Service workers	1,558	44,074	6,478	9,509	10,324	71,943
Intermediate production & transport workers						
Production & transport workers nfd	6	3	3	—	28	40
Plant operators	32	48	—	6	160	246
Machine operators	8	17	9	21	278	333
Road & rail transport drivers	109	151	68	158	893	1,379
Other production & transport workers	12	14	6	37	244	313
Elementary clerical, sales & service workers						
Clerical, sales, & service workers nfd	—	3	25	15	26	69
Clerks	49	47	11	27	524	658
Sales workers	43	58	28	102	1,618	1,849
Service workers	56	86	385	227	441	1,195
Labourers & related workers						
Labourers & related workers nfd	107	36	171	91	1,065	1,470
Cleaners	432	728	1,063	716	2,560	5,499
Factory labourers	7	4	6	160	3,112	3,289
Other labourers & related workers	325	249	1,355	636	3,213	5,778
Inadequately described	43	125	46	72	314	600
Not stated	226	118	120	178	1,140	1,782
Total	7,696	61,301	16,365	24,011	60,995	170,368

Table 34: Persons employed in community services industries: qualification field, Australia, 1996

Qualification field	Community services, undefined	Childcare services	Accommodation for the aged	Residential care services nec	Non-residential care services	Total
Business & administration nfd	77	256	73	119	508	1,033
Management	132	319	147	237	1,081	1,916
Management support service	212	1,529	329	449	1,637	4,156
Sales & marketing	28	206	40	67	243	584
Financial services	133	368	172	200	900	1,773
Health nfd	14	20	20	39	86	179
Medicine	21	32	16	52	158	279
Nursing	568	2,511	2,994	2,817	2,922	11,812
Health sciences	115	187	176	452	996	1,926
Dental studies	18	103	23	49	70	263
Veterinary studies	3	17	6	—	31	57
Other health	26	50	33	60	158	327
Education nfd	22	184	13	49	224	492
School teacher training	277	7,985	210	734	2,265	11,471
Post school teacher training	28	31	10	30	154	253
Other education	27	130	7	102	217	483
Society & culture	121	272	40	209	842	1,484
Behavioural studies	264	699	75	610	2,561	4,209
Welfare	739	11,273	536	3,298	6,842	22,688
Librarianship	17	57	6	23	129	232
Language & area studies	69	200	35	84	421	809
Religion & philosophy	48	84	78	116	561	887
Economics	19	81	18	23	169	310
Law	23	54	9	39	216	341
Visual & performing arts	89	430	102	226	489	1,336
Other society & culture	129	288	57	211	762	1,447
Natural & physical sciences nfd	18	70	6	43	124	261
Life science	41	94	25	54	205	419
Physical science	13	57	16	28	80	194
Mathematics & statistics	6	23	3	9	74	115
Computer science	58	139	36	59	342	634
Other natural & physical science	6	48	18	21	72	165
Engineering	28	88	26	56	152	350
Surveying & cartography	6	24	3	9	20	62
Civil engineering	9	51	6	14	48	128
Electrical & electronic engineering	27	123	68	127	274	619
Mechanical engineering	56	108	93	195	389	841
Metallurgical & mining engineering	3	12	—	3	16	34
Printing	10	31	8	43	100	192
Automotive engineering	26	65	33	98	226	448
Textiles, clothing & footwear	19	129	46	41	94	329
Other engineering	9	44	22	56	168	299
Architecture & building nfd	—	6	—	—	6	12
Building design	9	48	11	22	50	140
Building construction	95	151	139	207	507	1,099
Other architecture & building	—	6	3	—	14	23

(continued)

Table 34 (continued): Persons employed in community services industries: qualification field, Australia, 1996

Qualification field	Community services, undefined	Childcare services	Accommodation for the aged	Residential care services nec	Non-residential care services	Total
Agriculture & related fields nfd	—	—	—	—	—	—
Agriculture	19	58	22	51	142	292
Horticulture	29	86	45	68	158	386
Other agriculture & related fields	—	3	9	3	4	19
Miscellaneous fields nfd	—	3	—	—	3	6
Hairdressing & beauty therapy	49	607	197	213	305	1,371
Food & hospitality services	30	458	219	249	309	1,265
Transport	6	12	3	13	36	70
Other miscellaneous fields	6	9	9	12	23	59
Field of study inadequately described	61	170	45	139	406	821
Field of study not stated	244	1,635	620	763	1,952	5,214
Not applicable	3,889	29,804	9,546	11,364	31,519	86,122
Total	7,991	61,528	16,502	24,255	62,460	172,736

Table 35: Persons employed in selected community services occupations: level of highest qualification, Australia, 1996

Occupation	Higher degree	Post-graduate diploma	Bachelor degree	Under-graduate diploma	Associate diploma	Skilled vocational qualification	Basic vocational qualification	Level of attainment inad desc	Level of attainment not stated	Total
Pre-primary & special education										
Pre-primary school teacher	117	1,584	4,334	4,401	994	164	51	30	304	11,979
Special needs teacher	544	2,488	3,103	1,423	410	65	60	52	205	8,350
Teacher of the hearing impaired	33	217	241	75	7	3	—	6	12	594
Teacher of the sight impaired	19	104	68	33	10	—	3	—	8	245
Special education teacher nec	66	191	378	149	46	17	10	3	40	900
Preschool aide	—	31	86	257	136	213	167	44	211	1,145
Integration aide	6	83	202	262	142	104	162	26	208	1,195
<i>Total</i>	<i>785</i>	<i>4,698</i>	<i>8,412</i>	<i>6,600</i>	<i>1,745</i>	<i>566</i>	<i>453</i>	<i>161</i>	<i>988</i>	<i>24,408</i>
Welfare, social & community										
Welfare centre manager	71	73	273	97	74	49	54	13	44	748
Social worker	480	343	5,120	205	281	40	69	27	169	6,734
Welfare worker	158	232	1,671	393	1,022	232	323	39	350	4,420
Community worker	504	1,000	3,893	1,543	1,528	596	865	200	812	10,941
<i>Total</i>	<i>1,213</i>	<i>1,648</i>	<i>10,957</i>	<i>2,238</i>	<i>2,905</i>	<i>917</i>	<i>1,311</i>	<i>279</i>	<i>1,375</i>	<i>22,843</i>
Counsellors										
Rehabilitation counsellor	102	296	559	61	44	14	8	10	24	1,118
Drug & alcohol counsellor	28	71	181	74	87	46	35	8	45	575
Family counsellor	150	156	563	123	110	21	49	20	59	1,251
<i>Total</i>	<i>280</i>	<i>523</i>	<i>1,303</i>	<i>258</i>	<i>241</i>	<i>81</i>	<i>92</i>	<i>38</i>	<i>128</i>	<i>2,944</i>
Welfare associate professionals										
Parole or probation officer	24	52	278	58	105	42	39	10	35	643
Youth worker	61	155	1,105	301	752	399	273	40	301	3,387
Residential care officer	3	15	80	49	96	95	197	8	118	661
Disabilities services officer	72	172	727	464	977	359	541	67	439	3,818
Family support worker	17	26	210	80	157	40	74	8	58	670
<i>Total</i>	<i>177</i>	<i>420</i>	<i>2,400</i>	<i>952</i>	<i>2,087</i>	<i>935</i>	<i>1,124</i>	<i>133</i>	<i>951</i>	<i>9,179</i>

(continued)

Table 35 (continued): Persons employed in selected community services occupations: level of highest qualification, Australia, 1996

Occupation	Higher degree	Post-graduate diploma	Bachelor degree	Under-graduate diploma	Associate diploma	Skilled vocational qualification	Basic vocational qualification	Level of attainment inad desc	Level of attainment not stated	Total
Children's care workers										
Childcare coordinator	68	451	1,449	1,216	1,287	516	253	64	302	5,606
Childcare worker	75	296	1,517	1,589	3,347	2,981	1,180	269	2,384	13,638
Family day care worker	72	174	852	910	1,568	1,373	810	169	1,339	7,267
Nanny	11	40	301	290	230	508	308	54	527	2,269
<i>Total</i>	<i>226</i>	<i>961</i>	<i>4,119</i>	<i>4,005</i>	<i>6,432</i>	<i>5,378</i>	<i>2,551</i>	<i>556</i>	<i>4,552</i>	<i>28,780</i>
Special care workers										
Hostel parent	24	55	182	131	59	77	90	23	118	759
Child/youth residential care assistant	30	81	464	398	542	277	164	30	209	2,195
Refuge worker	7	9	60	26	48	23	21	5	40	239
Aged or disabled person carer	101	293	1,835	1,725	1,384	2,120	2,542	455	3,189	13,644
<i>Total</i>	<i>162</i>	<i>438</i>	<i>2,541</i>	<i>2,280</i>	<i>2,033</i>	<i>2,497</i>	<i>2,817</i>	<i>513</i>	<i>3,556</i>	<i>16,837</i>
Total	2,843	8,688	29,732	16,333	15,443	10,374	8,348	1,680	11,550	104,991

Source: ABS.

Table 36: Australian student completing university courses in community services fields of study: sex, Australia, 1991–1996

Field of study	1991			1992			1993			1994			1995			1996		
	F	M	Total	F	M	Total	F	M	Total	F	M	Total	F	M	Total	F	M	Total
Counselling (not health or educ)	129	51	180	126	41	167	145	48	193	146	52	198	319	129	448	277	121	398
Social work	900	227	1,127	850	174	1,024	998	243	1,241	976	248	1,224	991	223	1,214	1,080	256	1,336
Sociology	65	30	95	91	38	129	96	44	140	108	36	144	80	55	135	154	57	211
Welfare studies	371	95	466	376	87	463	345	80	425	444	94	538	543	94	637	525	121	646
Women's studies	55	—	55	75	1	76	89	—	89	86	—	86	127	5	132	115	—	115
Early childhood education	—	—	—	1,127	21	1,148	1,076	21	1,097	1,096	14	1,110	934	18	952	997	23	1,020
Initial special teacher education	—	—	—	83	18	101	—	—	—	—	—	—	54	11	65	82	4	86
Post-initial early childhood educ	—	—	—	232	3	235	209	4	213	214	2	216	265	2	267	393	7	400
Post-initial special teacher educ	—	—	—	627	81	708	—	—	—	—	—	—	635	108	743	617	103	720
Educational counselling	—	—	—	252	81	333	—	—	—	—	—	—	233	64	297	105	29	134
Total	1,520	403	1,923	3,839	545	4,384	2,958	440	3,398	3,070	446	3,516	4,181	709	4,890	4,345	721	5,066

Source: AIHW analysis of DETYA data.

Explanatory notes

Industry

Industry is classified to the *Australian and New Zealand Standard Industrial Classification 1993 Edition* in the 1996 census. In the 1991 and 1986 censuses industry was classified to the *Australian Standard Industry Classification*. Therefore industry data are not directly comparable among censuses. The industries included in this publication are shown below.

Subdivision 86: Health Services

861: Hospitals and Nursing Homes

8611 Hospitals (Except Psychiatric Hospitals)

8612 Psychiatric Hospitals

8613 Nursing Homes

862: Medical and Dental Services

8621 General Practice Medical Services

8622 Specialist Medical Services

8623 Dental Services

863: Other Health Services

8631 Pathology Services

8632 Optometry and Optical Dispensing

8633 Ambulance Services

8634 Community Health Centres

8635 Physiotherapy Services

8636 Chiropractic Services

8639 Health Services nec

Subdivision 87: Community Services

871: Childcare Services

8710 Childcare Services

872: Community Care Services

8721 Accommodation for the Aged

8722 Residential Care Services nec

8729 Non-Residential Care Services nec

Occupation

Occupation data in the 1996 census were classified to the Australian Standard Classification of Occupations (ASCO) 2nd Edition, and the 1986 census and 1991 census data were

classified to the ASCO 1st edition. Therefore the data may be not be directly comparable at the occupation level (6 digit) but may be comparable at the broader level (4 digit).

The occupations included in this publication are shown below.

ASCO code	Occupation title	Description
Health occupations		
Medical workers		
1292-13	Medical administrator	Directs and manages the professional activities of medical staff in hospitals, health services and health service facilities.
231	Medical practitioner nfd	Diagnose physical and mental illnesses, disorders and injuries and prescribe medications and treatment to promote or restore good health.
2311-11	General medical practitioner	Diagnoses, treats and prevents human physical and mental disorders and injuries.
2311-81	Medical practitioner-in-training	Undertakes diagnosis, treatment and prevention of human physical and mental disorders and injuries, under the supervision of specialists or senior general practitioners.
2312	Specialist medical practitioner nfd ^(a)	Diagnose and treat physical and mental diseases and disorders using specialist testing, diagnostic, medical and surgical techniques.
2312-11	Anaesthetist ^(a)	Administers anaesthetics to prevent pain and maintain major body function throughout surgical and related procedures.
2312-13	Dermatologist ^(a)	Provides diagnostic, treatment and preventative medical services related to human skin disorders.
2312-15	Emergency medicine specialist ^(a)	Diagnoses and manages patients with acute and urgent illness and injury.
2312-17	Obstetrician & gynaecologist ^(a)	Provides diagnostic, treatment and preventative medical services related to disorders of the female genital, urinary, rectal and reproductive organs, and the care of women during pregnancy and childbirth.
2312-19	Ophthalmologist ^(a)	Provides diagnostic, treatment and preventative medical services related to diseases, injuries and deficiencies of the human eye and associated structures.
2312-21	Paediatrician ^(a)	Provides specialist medical services to children from birth up to and including adolescence.
2312-23	Pathologist ^(a)	Identifies and diagnoses the presence and stages of diseases and possible sources of infection in body tissues, fluids, secretions and other specimens.
2312-25	Specialist physician ^(a)	Investigates and diagnoses internal human disorders and diseases, and administers treatment.
2312-27	Psychiatrist ^(a)	Diagnoses, treats and prevents human mental, emotional and behavioural disorders.

(continued)

ASCO		
code	Occupation title	Description
2312-29	Radiologist ^(a)	Diagnoses and treats diseases of the human body using radiant energies such as X-rays, ultrasound, gamma rays and radio waves.
2312-31	Surgeon ^(a)	Performs surgery to correct deformities, repair injuries, prevent and treat diseases and improve human body functions and appearance.
2312-79	Specialist medical practitioner nec ^(a)	This occupation group covers specialist medical practitioners not elsewhere classified.
Medical imaging workers		
2391-11	Medical diagnostic radiographer	Operates X-ray and other medical imaging equipment to produce images for medical diagnostic purposes in conjunction with radiologists or other medical specialists.
2391-13	Radiation therapist	Operates high energy X-ray and other radiation and electron generating and monitoring equipment to administer radiation treatment for medical purposes in conjunction with radiologists or other medical specialists.
2391-15	Nuclear medicine technologist	Performs or assists in the performance of diagnostic examinations using radionuclides and radiopharmaceuticals, and administers radionuclides for therapeutic purposes under the direction of nuclear medicine specialists or other specialist medical practitioners.
2391-17	Sonographer	Operates ultrasound machines and related medical imaging equipment to produce images for medical diagnostic purposes in conjunction with other medical professionals.
Dental workers		
2381-11	Dentist	Diagnoses and treats diseases, injuries and abnormalities of teeth, gums and related oral structures, prescribes and administers restorative and preventive procedures, and conducts surgery or uses other specialist techniques.
2381-13	Dental specialist	Diagnoses and treats diseases, injuries, irregularities and malformations of teeth and associated structures in the mouth and jaw using surgery or other specialist techniques.
3492	Dental associate professional nfd	Examine and treat ailments of the teeth and gums under the supervision of dentists, carry out preventative therapy, and construct and repair dentures and other dental devices.
3492-11	Dental therapist	Examines and treats ailments of the teeth and gums, mainly among preschool and primary school age children, under the supervision of dentists.
3492-13	Dental hygienist	Carries out preventative therapy related to dental hygiene under the direction of dentists.
3492-15	Dental technician	Constructs and repairs dentures and other dental devices.

(continued)

ASCO		
code	Occupation title	Description
6391-11	Dental assistant	Prepares patients for dental examinations and assists dentists in providing care and treatment.
Nursing workers		
1292-11	Director of nursing	Directs and manages nursing programs and clinical services in hospitals, nursing homes and other health service facilities and maintains standards of nursing care.
232	Nursing professional nec	Treat and care for the physically or mentally ill, the elderly, and mothers and their babies in hospitals, nursing homes, medical centres and the community. They provide health counselling for individuals and families, manage human and material resources for a nursing group or unit and are responsible for the professional development of nurses and for researching issues concerning nursing practice.
2321-11	Nurse manager	Manages a hospital nursing care unit or other sub-unit of a hospital, nursing home or health care facility, or supervises nursing staff for a particular unit or shift.
2322-11	Nurse educator	Assesses, plans, implements and evaluates nursing education and professional development programs.
2322-13	Nurse researcher	Conducts research into nursing issues.
2323-11	Registered nurse	Provides nursing care for patients in hospitals, nursing homes, extended care facilities or other health care facilities and in the community.
2324-11	Registered midwife	Provides care and advice during pregnancy, labour and birth and provides postnatal care for women and babies.
2325-11	Registered mental health nurse	Treats and cares for people with mental illness, disorder or dysfunction, or those experiencing emotional difficulties, distress or crisis, in hospitals, nursing homes and the community.
2326-11	Registered developmental disability nurse	Provides nursing care to people with intellectual disabilities.
3411-11	Enrolled nurse	Assists registered nurses, doctors and other health professional in the provision of patient care in hospitals, nursing homes and other health care facilities.
6314-11	Personal care assistant	Assists with the care of patients in a range of health care facilities, or in the client's home.
6314-13	Nursing assistant	Assists registered nurses in hospitals, nursing homes and other health care facilities, in the provision of patient care.

(continued)

ASCO		
code	Occupation title	Description
Pharmacists		
2382-11	Hospital pharmacist	Prepares and dispenses pharmaceuticals, drugs and medicines in hospital pharmacies.
2382-13	Industrial pharmacist	Undertakes research, testing and analysis related to the development, production, storage, quality control and distribution of drugs and related supplies.
2382-15	Retail pharmacist	Compounds and dispenses prescribed pharmaceuticals in retail outlets and sells non-prescription medicines and related goods.
Allied health workers		
2383-11	Occupational therapist	Assesses the function of people whose abilities and daily activities are impaired.
2384-11	Optometrist	Performs eye examinations and vision tests to determine the presence of visual, ocular and other abnormalities, and prescribes lenses, other optical aids or therapy.
2385-11	Physiotherapist	Assesses, treats and prevents disorders in human movement caused by injury or disease.
2386-11	Speech pathologist	Assesses and treats people with communication disorders including speech, language, voice, fluency and literacy difficulties or people who have physical problems with eating or swallowing.
2388-11	Podiatrist	Prevents, diagnoses and treats medical and surgical conditions of the feet, including those resulting from bone and joint disorders, muscular pathologies as well as neurological and circulatory diseases.
2393-11	Dietitian	Assists individuals, groups and communities to attain, maintain and promote health through good diet and nutrition.
2394-11	Naturopath	Treats internal health problems, metabolic disorders and imbalances, through treatment of the whole person, using natural therapies.
2394-13	Acupuncturist	Treats disorders and illnesses by stimulating the body's defence mechanisms through fine needle insertions into the skin.
2399-11	Audiologist	Provides diagnostic assessment and rehabilitative services related to human hearing defects.
2399-13	Orthoptist	Diagnoses and manages eye movement disorders and associated sensory deficiencies.
2399-15	Orthotist	Designs, builds, fits and repairs splints, braces, callipers and related appliances to restore functions or compensate for muscular or skeletal disabilities.
2399-79	Health professional nec	This occupation group covers health professionals not elsewhere classified.

(continued)

ASCO		
code	Occupation title	Description
2514-11	Clinical psychologist	Consults with individuals and groups, assesses psychological disorders and administers programs of treatment.
6313-19	Therapy aide	Provides assistance to occupational, diversional or physiotherapists in therapy programs and care of their patients.
2387-11	Chiropractor	Diagnoses, treats and provides preventative advice on physiological and mechanical disorders of the human locomotor system, particularly neuro-muscular skeletal disorders.
2387-13	Osteopath	Diagnoses, treats and provides preventative advice on physiological and mechanical disorders of the human locomotor system.
2394-79	Natural therapy professional nec	This occupation group covers natural therapy professional not elsewhere classified.
Other health workers		
2115-11	Medical scientist	Conducts medical laboratory tests to develop applications for the diagnosis, treatment and prevention of disease and testing of drugs for therapeutic use.
2299-11	Health information manager	Designs, implements and administers medical record systems and information services in accordance with legal and confidentiality requirements.
2543-11	Occupational health and safety officer	Develops, implements and evaluates policies and programs to ensure safe and healthy working conditions, and assists injured staff through the workers' compensation and rehabilitation process.
2543-13	Environmental health officer	Develops, implements and evaluates environmental health policies, programs and issues, and oversees the implementation and monitoring of environmental health legislation.
3111	Medical technical officer nfd	Perform or assist with laboratory tests and operate diagnostic and monitoring equipment used in support of health professionals.
3111-11	Medical laboratory technical officer	Performs or assists with routine laboratory tests and complex analytical procedures in support of medical professionals engaged in the diagnosis, monitoring, and treatment of disease.
3111-79	Medical technical officer nec	This occupation group covers medical technical officers not elsewhere classified.
3491-11	Ambulance officer	Provides specialised transport services and emergency health care for injured, sick, infirm and aged persons.
3491-13	Intensive care ambulance paramedic	Provides specialised pre-hospital health care to injured, sick, infirm and aged persons and emergency transport to medical facilities.
3493-11	Aboriginal and Torres Strait Islander health worker	Liaises with patients, clients and visitors to hospitals and health clinics and works as a team member to arrange, coordinate and provide health care delivery in Aboriginal and Torres Strait Islander community health clinics.

(continued)

ASCO		
code	Occupation title	Description
3494-11	Massage therapist	Performs therapeutic massage and administers body treatments for relaxation, health, fitness and remedial purposes.
3991-11	Primary products inspector	Inspects animals, plants, agricultural produce and facilities to ensure conformity with government and industry standards with respect to quality, health and licensing.
3992-11	Safety inspector	Inspects machinery, equipment, working conditions and public places to ensure conformity with government and industry standards and regulations, in relation to occupational health and safety.
6191-13	Admissions clerk	Records and processes information required for the admission and discharge of hospital patients and responds to telephone inquiries.
6395-13	Natural remedy consultant	Uses traditional techniques or diagnostic methods for treatment, relaxation or health purposes.
6395-15	Weight loss consultant	Assists clients with advice and practical solutions for losing weight.

Welfare & community services occupations

Pre-primary & special education teachers & aides

2411-11	Pre-primary school teacher	Teaches the basics of numeracy, literacy, music, art and literature to students at pre-primary schools and promotes students' social, emotional, intellectual and physical development.
2414-11	Special needs teacher	Teaches primary and secondary school students with particular learning difficulties and promotes students' social, emotional, intellectual and physical development.
2414-13	Teacher of the hearing impaired	Teaches academic and living skills to hearing impaired students and promotes students' social, emotional, intellectual and physical development.
2414-15	Teacher of the sight impaired	Teaches academic and living skills to sight impaired students and promotes students' social, emotional, intellectual and physical development.
2414-79	Special education teacher nec	This occupation group covers special education teachers not elsewhere classified.
6311-11	Preschool aide	Provides care and supervision for children at preschool centres under the direction of preschool teachers.
6311-13	Integration aide	Assists children with developmental disabilities in mainstream schools.

(continued)

ASCO

code	Occupation title	Description
Welfare, social & community workers		
1299-15	Welfare centre manager	Manages and coordinates centres, programs or projects concerned with social welfare support.
2511-11	Social worker	Assesses the social needs of individuals and groups, and assists people to develop and use the skills and resources needed to resolve social and other problems.
2512-11	Welfare worker	Assists individuals, families and groups with social, emotional and financial difficulties to improve quality of life by educating and supporting them and working towards change in their social environment.
2512-13	Community worker	Facilitates community development initiatives and collective solutions within a community to address issues, needs and problems.
Counsellors		
2513-11	Rehabilitation counsellor	Assists physically, mentally and socially disadvantaged people to re-integrate into work and the community.
2513-13	Drug and alcohol counsellor	Provides assessment, support and treatment for people, develops strategies which assist them to set goals, effect and maintain change, and provides community advice and education.
2513-15	Family counsellor	Assists individuals, couples or families with marriage or relationship difficulties.
Welfare associate professionals		
3421	Welfare associate professional	Provide support, information and advice to clients on emotional, financial, recreational, health, housing and other social welfare matters and evaluate and coordinate the services of welfare and community service agencies.
3421-11	Parole or probation officer	Supervises parolees who have been placed on probation by court order or released conditionally from corrective service institutions.
3421-13	Youth worker	Assists young people as individuals or groups to solve social, emotional and financial problems in an agency framework.
3421-15	Residential care officer	Provides care and supervision for children or disabled persons in group housing or government institutions.
3421-17	Disabilities services officer	Works in a range of adult service units that provide education and community access to people with intellectual, physical, social and emotional disabilities.
3421-19	Family support worker	Assists the work of social and welfare workers by providing services and support to families.

(continued)

ASCO		
code	Occupation title	Description
Children's care workers		
1295-11	Childcare coordinator	Directs the activities of a childcare centre or service.
6312-11	Childcare worker	Provides care and supervision for children in programs such as long day care and occasional care in childcare centres, hospitals and educational centres.
6312-13	Family day care worker	Provides care and supervision for babies and children, usually in worker's own home, under local government or community based schemes.
6312-15	Nanny	Assists parents in the provision of on-going care and supervision for babies and children, usually in the child's home.
Special care workers		
6313	Special care worker nfd	Provides care and supervision for children in residential childcare establishments and security institutions, provide care to people in refuges, or provide household support and assistance to people in need of care or therapy programs
6313-11	Hostel parent	Operates residential childcare establishments which provide home environments for children.
6313-13	Child or youth residential care assistant	Provides care and supervision for children in correctional services institutions.
6313-15	Refuge worker	Provides services and support to people seeking assistance in refuges.
6313-17	Aged or disabled person carer	Provides general household assistance, emotional support, care and companionship for aged or disabled people in their homes.

(a) Medical registrars who are training as specialist medical practitioners are included.

Region

The data in this report relate to people's place of usual residence, not place of employment. The high concentration of doctors in particular regions of capital cities tells us little about the actual workers' distribution in those cities; it merely demonstrates that doctors prefer to live in certain suburbs. This issue also affects data for remote areas: staff of the Royal Flying Doctor Service may reside in a large rural centre but their 'workplace' encompasses remote areas. Other publications in the Labour Force series provide more accurate data regarding workplace distribution.

Qualifications

Qualifications are classified to the Australian Bureau of Statistics (1991), *ABS Classification of Qualifications*, ABS Catalogue No. 1262.0, Canberra: ABS.

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