

# Health and community services, occupations and industries tables

Most of the following tables are compiled from census data. For many census questions, there is a relatively small proportion of respondents who either do not supply an answer, or whose response is not clear enough to place in a category. These responses are called 'not stated' and 'not further defined', respectively. When not stated responses are removed from a table for analytical purposes, however, it does make a numerical difference to the totals shown. Readers should refer to the footnotes when totals are not consistent.

The following classifications are used for analysis in this publication:

- The Australian and New Zealand Standard Industry Classification (ANZSIC), at varying degrees of detail, is used for industry breakdowns. The broad health industries included in this report are hospitals and nursing homes, medical and dental services and other health services, and the broad community services industries are child care services and community care services. The broad industry grouping of 'other health services' includes pathology services, optometry and optical dispensing, ambulance services, community health centres, physiotherapy services, chiropractic services and health services not elsewhere classified (n.e.c).
- The Australian Standard Classification for Occupations (ASCO), 2<sup>nd</sup> edition is used for 2001 occupation data. The highest categories (Major and Sub-major Groups, as presented in Table A.4), incorporate occupations in nine skill levels, and range from managers and administrators to labourers and related workers. Individual health and community services occupations sit within those categories in the Minor (as in Table A.26) and Unit Groups. For example, medical administrators are in Major Group 1 (managers and administrators), generalist medical practitioners are in Major Group 2 (professionals), dental therapists are in major Group 3 (associate professionals) and pre-school aides are in the Major Group 6 (intermediate clerical, sales and service workers). For this report, the individual occupations are re-grouped under different headings to facilitate analysis (as presented in Table A.7, for example). For the health occupations, these groups include medical workers, medical imaging workers, dental workers, nursing workers, pharmacist workers, allied health workers, complementary therapies workers and miscellaneous health workers. Community services occupations are grouped into child and youth services, family services workers, disability workers, aged and disabled care workers and other community services workers. Table A.6 presents only those health occupations that are consistent across the 1991, 1996 and 2001 censuses, and for convenience are re-grouped as diagnosis and treatment practitioners, nurses and health-related occupations.
- Geographic area breakdowns include state/territory and region. The Australian Standard Geographic Classification (ASGC) is used for regional breakdowns, based on the postcode of place of employment. ASGC remoteness areas and statistical regions are the two main categories used in this report.
- The ABS Classification of Qualifications relates to highest educational qualification.

The Explanatory notes provide more information about the above classification systems.

**Table A.1: Total health expenditure, constant prices<sup>(a)</sup>, Australia, by area of expenditure, 1995–96 and 1999–00 (\$ million)**

Area of expenditure	1995–96	1999–00	Difference	Per cent change
Total hospitals	16,145	19,085	2,941	18.2
Public (non-psychiatric) hospitals <sup>(b)</sup>	12,187	14,460	2,273	18.6
Public psychiatric hospitals	495	421	-74	-15.0
Private hospitals	3,462	4,204	742	21.4
High-level residential aged care	3,239	4,069	830	25.6
Ambulance	563	1,147	584	103.9
Other institutional, nec	154	—	-154	—
<i>Total institutional</i>	<i>20,099</i>	<i>24,301</i>	<i>4,202</i>	<i>20.9</i>
Medical services	8,616	9,637	1,021	11.9
Other professional services	1,510	2,158	648	42.9
Total pharmaceuticals	5,099	6,448	1,348	26.4
Benefit-paid pharmaceuticals	3,281	4,175	894	27.2
All other pharmaceuticals	1,818	2,273	455	25.0
Aids and appliances	1,144	1,507	364	31.8
Community and public health <sup>(c)</sup>	2,204	2,557	353	16.0
Dental services	2,730	2,788	58	2.1
Administration	1,438	1,714	276	19.2
Research	700	944	244	34.9
<i>Total non-institutional</i>	<i>23,441</i>	<i>27,753</i>	<i>4,312</i>	<i>18.4</i>
<b>Total recurrent expenditure</b>	<b>43,540</b>	<b>52,054</b>	<b>8,514</b>	<b>19.6</b>
Capital outlays	1,795	2,643	848	47.2
Capital consumption	570	934	364	63.9
<i>Total capital</i>	<i>2,365</i>	<i>3,576</i>	<i>1,212</i>	<i>51.2</i>
<b>Total health expenditure</b>	<b>45,905</b>	<b>55,630</b>	<b>9,725</b>	<b>21.2</b>

(a) Constant price health expenditure is expressed in chain volume measures, referenced to the year 1999–00.

(b) For 1995–96, includes expenditure on repatriation hospitals.

(c) For 1995–96, includes expenditure that was previously classified as Other non-institutional nec.

Source: AIHW health expenditure database.

**Table A.2: Health expenditure as proportion of GDP: areas of expenditure, Australia, 1995–96 to 1999–00**

Area of expenditure	1995–96	1996–97	1997–98	1998–99	1999–00	Per cent change 1996–97 to 1999–00
Total hospitals <sup>(a)</sup>	2.94	2.99	3.03	3.07	3.03	1.38
Public non-psychiatric hospitals	2.21	2.25	2.31	2.33	2.30	2.03
Public psychiatric hospitals	0.10	0.08	0.07	0.07	0.07	-13.07
Private hospitals	0.63	0.66	0.65	0.67	0.67	1.33
High-level residential aged care	0.59	0.60	0.62	0.63	0.65	7.74
Ambulance	0.10	0.10	0.12	0.12	0.18	89.85
Other nec	0.03	—	—	—	—	—
<i>Total institutional</i>	<i>3.66</i>	<i>3.69</i>	<i>3.76</i>	<i>3.81</i>	<i>3.86</i>	<i>4.72</i>
Medical services	1.57	1.55	1.52	1.53	1.53	-1.00
Other professional services	0.27	0.30	0.30	0.32	0.34	13.05
Total pharmaceuticals	0.93	0.97	0.99	1.01	1.03	5.82
Benefit-paid pharmaceuticals	0.60	0.62	0.60	0.62	0.66	7.59
All other pharmaceuticals	0.33	0.35	0.39	0.39	0.36	2.71
Aids and appliances	0.22	0.22	0.22	0.22	0.24	9.72
Other non-institutional services	1.13	1.17	1.17	1.12	1.12	-3.99
Community and public health	0.40	0.45	0.45	0.48	0.41	-9.16
Dental services	0.47	0.48	0.46	0.43	0.44	-7.96
Administration	0.26	0.24	0.26	0.22	0.27	13.61
Research	0.13	0.13	0.12	0.12	0.15	16.31
<i>Total non-institutional</i>	<i>4.24</i>	<i>4.34</i>	<i>4.31</i>	<i>4.33</i>	<i>4.41</i>	<i>1.76</i>
<b>Total recurrent expenditure</b>	<b>7.89</b>	<b>8.02</b>	<b>8.08</b>	<b>8.14</b>	<b>8.27</b>	<b>3.12</b>
<i>Total capital</i>	<i>0.48</i>	<i>0.51</i>	<i>0.54</i>	<i>0.60</i>	<i>0.57</i>	<i>12.25</i>
Capital expenditure	0.36	0.41	0.44	0.45	0.42	3.41
Capital consumption	0.11	0.10	0.10	0.14	0.15	48.09
<b>Total health expenditure</b>	<b>8.37</b>	<b>8.53</b>	<b>8.62</b>	<b>8.74</b>	<b>8.84</b>	<b>3.66</b>

(a) Includes repatriation hospitals.

Source: AIHW, Health Expenditure Australia 2001b; ABS, Australian system of national accounts 2001–02, Cat. no. 5204.0.

**Table A.3: Hospital expenditure as proportion of GDP, Australia, 1995–96 to 2000–01**

Expenditure category	1995–96	1996–97	1997–98	1998–99	1999–00	2000–01	Per cent change
							1995–96 to 1999–00
Wages and salaries including on-costs <sup>(a)</sup>	2.08	2.03	2.04	2.02	1.98	2.03	-4.73
Drugs, medical and surgical supplies	0.33	0.33	0.36	0.37	0.40	0.42	18.62
Food supplies	0.04	0.05	0.04	0.04	0.04	0.04	-11.40
Other domestic services	0.08	0.08	0.07	0.08	0.08	0.08	-1.91
Administrative expenses	0.17	0.16	0.17	0.18	0.19	0.19	11.66
Repairs and maintenance	0.08	0.07	0.07	0.07	0.07	0.07	-17.07
Other <sup>(b) (c)</sup>	0.15	0.18	0.21	0.23	0.15	0.16	5.16
<b>Total</b>	<b>2.94</b>	<b>2.90</b>	<b>2.97</b>	<b>3.00</b>	<b>2.91</b>	<b>2.99</b>	-0.98
GDP at current prices (\$m)	502,828	529,886	561,229	591,917	628,621	669,307	25.02

(a) Includes payments to visiting medical officers and superannuation for public hospitals.

(b) Domestic services for day hospitals, repairs and maintenance, interest, depreciation, patient transport, contract services and other.

(c) Public hospital depreciation is reported for 1997–98 and 1998–99 only.

*Note:* Differs from Table A.2 as it includes private acute and psychiatric hospitals and free-standing day hospitals; and excludes expenditure on community and public health, and dental services delivered from hospitals.

*Sources:* AIHW, *Australian hospital statistics*, various years; ABS, *Private Hospitals*, Cat no. 4390.0; ABS, *Australian System of National Accounts 2001–02*, Cat. no. 5204.0.

**Table A.4: Persons employed in health industries: occupation, 2001**

<b>Occupations</b>	<b>Hospitals (including psych- iatric)</b>	<b>Nursing homes</b>	<b>General practice medical services</b>	<b>Specialist medical services</b>	<b>Dental services</b>	<b>Pathology services</b>	<b>Optometry &amp; optical dispens- ing</b>	<b>Ambul- ance services</b>	<b>Comm- unity health centres</b>	<b>Physio- therapy services</b>	<b>Chiro- practic services</b>	<b>Other health industry, nfd, nec</b>	<b>Total</b>
<b>Managers and administrators</b>													
Managers & administrators nfd	234	66	105	42	41	17	32	11	65	16	9	284	922
General managers	1,436	634	195	110	61	65	56	58	182	15	5	627	3,444
Specialist managers	3,802	1,060	609	467	142	429	154	272	592	43	23	2,488	10,081
Farmers & farm managers	33	12	28	4	8	3	3	—	4	3	3	36	137
<b>Professionals</b>													
Professionals nfd	502	32	77	59	11	18	4	11	115	6	5	306	1,146
Science, building, engineering	3,858	22	292	536	11	3,343	13	9	112	34	3	903	9,136
Business & information	3,154	278	425	251	155	319	106	186	477	23	4	2,195	7,573
Health	115,899	19,554	29,086	11,292	7,908	1,248	2,820	45	8,180	5,187	2,272	37,874	241,365
Education	305	27	72	39	23	15	4	29	105	6	6	373	1,004
Social, arts & miscellaneous	4,716	1,327	572	1,258	89	28	14	91	2,416	67	15	6,811	17,404
<b>Associate professionals</b>													
Associate professionals nfd	39	6	9	4	4	12	—	8	5	—	3	41	131
Science, engineering & related	3,622	26	381	1,008	17	5,937	30	17	149	—	6	1,413	12,606
Business & administration	3,033	490	4,594	1,434	1,846	229	255	131	649	417	286	3,325	16,689
Supervisor (sales & service)	2,542	792	99	61	28	37	274	38	139	8	8	707	4,733
Health & welfare	9,598	3,179	468	289	2,361	44	7	6,300	1,117	116	148	7,203	30,830
Other associate professionals	265	19	34	9	3	36	5	171	94	4	—	256	896
<b>Tradespersons &amp; related workers</b>													
Tradespersons & related nfd	84	38	3	3	3	3	4	—	11	—	—	32	181
Mechanical & fabrication engineer	494	19	32	14	8	10	4	10	15	3	—	116	725
Automotive	9	—	5	3	—	—	—	90	—	—	—	42	149
Electrical & electronics	559	24	31	12	8	20	3	15	27	—	—	163	862
Construction	642	83	16	15	16	6	—	8	38	3	—	158	985
Food	1,360	1,724	26	6	3	—	—	—	65	3	—	224	3,411
Skilled agriculture & horticulture	429	314	66	23	7	3	3	3	38	6	3	159	1,054
Other tradespersons	170	69	10	22	8	7	2,531	—	7	—	—	98	2,922

*(continued)*

Table A.4: (continued): Persons employed in health industries: occupation, 2001

Occupations	Hospitals (including psych- iatric)	Nursing homes	General practice medical services	Specialist medical services	Dental services	Pathology services	Optometry & optical dispens- ing	Ambul- ance services	Comm- unity health centres	Physio- therapy services	Chiro- practic services	Other health industry, nfd, nec	Total
<b>Advanced clerical &amp; service workers</b>													
Clerical & service, nfd	9	—	—	3	—	—	—	—	3	—	—	6	21
Secretaries & personal assistants	2,600	299	1,322	839	339	121	156	90	269	259	123	1,831	8,248
Other clerical & service	189	77	437	137	261	19	112	227	71	59	53	414	2,056
<b>Intermediate clerical, sales &amp; service workers</b>													
Clerical, sales & service, nfd	44	19	21	8	168	4	5	—	5	18	18	36	346
Clerical workers	19,100	1,514	20,669	5,578	2,894	2,062	2,039	483	1,823	1,672	1,091	12,080	71,005
Sales & related workers	80	4	11	14	7	17	49	6	3	—	—	101	292
Service workers	13,735	24,257	885	388	12,513	26	17	9	1,652	347	939	8,358	63,125
<b>Intermediate production &amp; transport workers</b>													
Production & transport, nfd	4	—	—	3	—	—	—	—	—	—	—	7	14
Plant operators	96	6	3	—	3	3	—	—	3	—	—	32	146
Machine operators	52	10	13	18	—	4	10	3	3	—	—	92	205
Road & rail transport drivers	628	88	74	154	43	1,289	—	36	75	3	—	443	2,833
Other production & transport	787	26	31	16	16	73	37	20	40	—	—	192	1,238
<b>Elementary clerical, sales &amp; service workers</b>													
Cleric, sales & service workers nfd	24	3	3	—	—	3	3	—	3	—	—	16	55
Clerks	1,276	44	275	103	45	82	26	47	85	19	—	408	2,410
Sales workers	815	67	73	26	28	12	401	12	42	3	5	358	1,842
Service workers	3,760	1,469	154	46	44	24	4	23	147	15	—	555	6,241
<b>Labourers &amp; related workers</b>													
Labourers & related workers, nfd	313	171	9	3	5	3	—	3	21	—	—	52	580
Cleaners	6,807	3,238	821	147	200	35	38	18	280	53	46	1,159	12,842
Factory labourers	44	30	7	10	6	9	11	4	11	—	3	73	208
Other labourers & related workers	7,574	4,527	142	65	35	19	12	8	189	6	4	704	13,285
Inadequately described	599	167	116	69	30	54	21	16	87	5	5	481	1,650
Not stated	215	73	44	24	30	19	18	7	31	9	—	283	753
<b>Total</b>	<b>215,536</b>	<b>65,884</b>	<b>62,345</b>	<b>24,612</b>	<b>29,426</b>	<b>15,707</b>	<b>9,281</b>	<b>8,515</b>	<b>19,445</b>	<b>8,428</b>	<b>5,086</b>	<b>93,515</b>	<b>557,781</b>

Source: ABS, *Census of Population and Housing, 2001*.

**Table A.5: Persons employed in community services industries: occupation, 2001**

<b>Occupation</b>	<b>Community services, nfd</b>	<b>Childcare services</b>	<b>Community care services, nfd</b>	<b>Accommodation for the aged</b>	<b>Residential care services, nec</b>	<b>Non-residential care services, nec</b>	<b>Total community services</b>	<b>Health and community services, nfd</b>	<b>Total health and community services<sup>(a)</sup></b>
<b>Managers and administrators</b>									
Managers, administrators, nfd	87	82	9	29	72	292	571	158	1,651
General managers	234	108	72	399	199	1,100	2,112	528	6,084
Specialist managers	535	4,547	68	256	397	2,134	7,937	767	18,785
Farmers & farm managers	5	8	—	—	3	41	57	8	202
<b>Professionals</b>									
Professionals, nfd	56	20	19	14	31	222	362	93	1,601
Science, building & engineering	71	13	9	3	9	109	214	150	9,500
Business & information	673	208	106	175	273	2,126	3,561	816	11,950
Health professionals	1,048	276	397	2,084	993	3,935	8,733	8,112	258,210
Education professionals	319	1,806	41	21	138	763	3,088	181	4,273
Social, arts & miscellaneous	2,720	1,175	582	748	2,512	14,887	22,624	2,501	42,529
<b>Associate professionals</b>									
Associate professionals, nfd	12	3	5	3	3	30	56	9	196
Science, engineering, related	54	9	3	6	10	60	142	195	12,943
Business & administration	851	602	111	307	436	2,924	5,231	1,087	23,007
Supervisor (sales & service)	245	237	71	595	380	962	2,490	553	7,776
Health & welfare associates	926	658	406	405	4,019	5,591	12,005	1,643	44,478
Other associate professionals	140	30	12	8	22	119	331	128	1,355
<b>Tradespersons &amp; related workers</b>									
Tradespersons & related, nfd	6	3	—	30	5	23	67	35	283
Mechanical & fabrication	17	6	—	5	12	47	87	40	852
Automotive tradespersons	14	3	—	—	5	22	44	15	208
Electrical & electronics	25	9	3	11	7	43	98	59	1,019
Construction tradespersons	55	12	6	30	23	73	199	101	1,285
Food tradespersons	67	1,249	66	702	181	391	2,656	575	6,642
Skilled agricultural	117	56	20	294	67	270	824	221	2,099
Other tradespersons	40	13	6	19	11	78	167	67	3,156

(continued)

Table A.5: (continued): Persons employed in community services industries: occupation, 2001

Occupation	Community services, nfd	Childcare services	Community care services, nfd	Accommodation for the aged	Residential care services, nec	Non-residential care services, nec	Total community services	Health and community services, nfd	Total health and community services <sup>(a)</sup>
<b>Advanced clerical &amp; service workers</b>									
Clerical & service, nfd	3	3	—	—	3	11	20	3	44
Secretaries & pa's	321	132	47	202	112	1,110	1,924	606	10,778
Other clerical & service	146	356	18	61	103	437	1,121	167	3,344
<b>Intermediate clerical, sales &amp; service workers</b>									
Clerical, sales & service nfd	10	45	—	5	5	50	115	25	486
Clerical workers	1,767	1,196	217	788	706	5,514	10,188	3,385	84,578
Sales & related workers	12	11	—	9	3	115	150	42	484
Service workers	2,343	50,316	1,655	7,504	7,037	27,086	95,941	11,300	170,272
<b>Intermediate production &amp; transport workers</b>									
Production & transport, nfd	—	—	—	—	—	10	10	3	27
Plant operators	32	—	3	6	3	58	102	39	287
Machine operators	14	13	3	3	4	103	140	25	370
Road & rail transport drivers	191	108	19	44	80	708	1,150	262	4,245
Other production, transport	33	10	3	14	19	191	270	87	1,595
<b>Elementary clerical, sales &amp; service workers</b>									
Clerical, sales, service, nfd	6	4	—	—	3	18	31	3	89
Clerks	158	29	11	21	36	339	594	139	3,143
Sales workers	140	102	14	40	76	1,564	1,936	154	3,932
Service workers	246	109	47	370	252	463	1,487	586	8,314
<b>Labourers &amp; related workers</b>									
Labourers & related, nfd	82	4	—	42	17	156	301	105	986
Cleaners	389	473	93	984	341	2,210	4,490	1,559	18,891
Factory labourers	38	3	14	15	60	2,521	2,651	68	2,927
Other labourers & related	388	186	108	1,585	274	1,036	3,577	1,591	18,453
Inadequately described	261	71	48	96	86	534	1,096	502	3,248
Not stated	95	81	12	25	28	193	434	437	1,624
<b>Total</b>	<b>14,992</b>	<b>64,385</b>	<b>4,324</b>	<b>17,958</b>	<b>19,056</b>	<b>80,669</b>	<b>201,384</b>	<b>39,130</b>	<b>798,295</b>

(a) Includes the figures in the 'Totals' column from Table A.4.

Source: ABS, *Census of Population and Housing, 2001*.



**Table A.6: Persons employed in selected health occupations: 1991, 1996, 2001**

<b>Occupation</b>	<b>1991<sup>(a)</sup></b>	<b>1996</b>	<b>2001</b>	<b>Per cent change 1991–96</b>	<b>Per cent change 1996–01</b>
<b>Health diagnosis and treatment practitioners</b>					
Medical practitioner					
Specialist practitioner	13,350	14,950	15,878	12.0	6.2
Generalist medical practitioner	25,450	29,056	32,201	14.2	10.8
<i>Total medical practitioners</i>	<i>38,800</i>	<i>44,006</i>	<i>48,079</i>	<i>13.4</i>	<i>9.3</i>
Dental practitioner	6,720	7,601	8,193	13.1	7.8
Pharmacist	10,880	12,310	13,902	13.1	12.9
Physiotherapist	7,120	8,896	10,242	24.9	15.1
Medical imaging professional	4,760	6,748	8,111	41.8	20.2
Occupational therapist	3,660	4,363	5,331	19.2	22.2
Speech pathologist	1,750	2,337	3,011	33.5	28.8
Optometrist	1,820	2,255	2,695	23.9	19.5
Chiropractor & osteopath	1,540	1,988	2,475	29.1	24.5
Podiatrist	1,140	1,462	1,767	28.2	20.9
Other health professional	5,750	7,982	9,844	38.9	23.3
<i>Total</i>	<i>83,940</i>	<i>99,951</i>	<i>161,729</i>	<i>19.1</i>	<i>61.8</i>
<b>Nurses</b>					
Registered	139,380	155,408	171,615	11.5	10.4
Enrolled	39,670	24,559	19,510	-38.1	-20.6
<i>Total nurses</i>	<i>179,050</i>	<i>179,967</i>	<i>191,125</i>	<i>0.5</i>	<i>6.2</i>
<b>Health-related occupations</b>					
Medical scientist	7,430	9,514	11,104	28.0	16.7
Ambulance officer & paramedic	5,546	5,966	6,694	7.6	12.2
Dental assistant	9,590	11,262	13,085	17.4	16.2
<i>Total health-related occupations</i>	<i>22,566</i>	<i>26,742</i>	<i>30,883</i>	<i>18.5</i>	<i>15.5</i>
<b>Total</b>	<b>285,556</b>	<b>306,660</b>	<b>431,816</b>	<b>7.4</b>	<b>40.8</b>

*Note:* This table includes only those occupations that are common across all three censuses. Totals include all occupations, including those not shown.

*Sources:*

- (a) ABS, 1991 Characteristics of Persons Employed in Health Occupations, Australia Census of Population and Housing, Cat. no.4346.0.  
(b) ABS, Census of Population And Housing, 2001.

**Table A.7: Persons employed in health occupations: industry, 2001**

Industry	Medical					Pharm- acist workers	Allied health workers	Comple- mentary therapy workers	Other health workers	Total health
	Medical workers	imaging workers	Dental workers	Nursing workers	Dental workers					
Health services, nfd	2,482	354	161	18,915	111	1,546	266	1,506	25,341	
Hospitals & nursing homes, nfd	63	8	—	1,075	3	41	—	42	1,232	
Hospitals (excl. psychiatric)	13,542	2,377	242	112,554	1,390	6,719	10	10,805	147,639	
Psychiatric hospitals	167	4	6	1,224	9	197	—	39	1,646	
Nursing homes	72	3	7	41,047	12	1,741	25	125	43,032	
Medical & dental services, nfd	362	15	37	278	—	21	12	38	763	
GP medical services	22,599	227	79	6,521	75	606	163	820	31,090	
Specialist medical services	6,106	1,470	74	3,420	4	1,274	86	1,496	13,930	
Dental services	66	35	22,240	327	—	57	3	29	22,757	
Other health services, nfd	35	19	—	2,066	—	90	17	57	2,284	
Pathology services	630	24	7	579	6	76	3	8,868	10,193	
Optometry & optical dispensing	38	3	3	36	6	2,746	3	28	2,863	
Ambulance services	16	—	—	41	—	—	—	6,323	6,380	
Community health centres	662	113	66	7,894	35	1,151	37	576	10,534	
Physiotherapy services	40	—	3	53	—	5,401	21	147	5,665	
Chiropractic services	18	3	—	29	—	893	2,221	145	3,309	
Health services, nec	1,051	3,193	23	5,039	23	8,660	4,360	5,081	27,430	
<i>Total health services</i>	<i>47,949</i>	<i>7,848</i>	<i>22,948</i>	<i>201,098</i>	<i>1,674</i>	<i>31,219</i>	<i>7,227</i>	<i>36,125</i>	<i>356,088</i>	
Community services, nfd	145	12	20	1,216	15	223	9	129	1,769	
Child care services	20	—	—	715	—	52	3	29	819	
Community care services, nfd	17	3	—	701	—	104	6	24	855	
Accommodation for the aged	20	—	3	5,763	3	409	5	33	6,236	
Residential care services, nfd	43	—	—	1,699	—	245	—	37	2,024	
Non-residential care services, nec	258	7	9	7,198	43	1,736	44	280	9,575	
<i>Total community services</i>	<i>503</i>	<i>22</i>	<i>32</i>	<i>17,292</i>	<i>61</i>	<i>2,769</i>	<i>67</i>	<i>532</i>	<i>21,278</i>	
Health & community services, nfd	570	64	41	11,684	23	980	122	458	13,942	
<i>Total health &amp; community services</i>	<i>49,022</i>	<i>7,934</i>	<i>23,021</i>	<i>230,074</i>	<i>1,758</i>	<i>34,968</i>	<i>7,416</i>	<i>37,115</i>	<i>391,308</i>	
Government administration	627	30	37	2,424	85	839	9	4,759	8,810	
Defence	223	16	179	650	38	82	—	145	1,333	
Education	310	12	64	1,557	50	1,300	57	2,085	5,435	
Other industries (inc. not stated)	1,677	149	2,583	9,700	11,980	2,265	1,051	14,501	43,906	
<b>Total</b>	<b>51,859</b>	<b>8,141</b>	<b>25,884</b>	<b>244,405</b>	<b>13,911</b>	<b>39,454</b>	<b>8,533</b>	<b>58,605</b>	<b>450,792</b>	

Source: ABS, Census of Population And Housing, 2001.

**Table A.8: Persons employed in community services occupations: industry of employment, 2001**

<b>Industry</b>	<b>Child and youth services <sup>(a)</sup></b>	<b>Family services</b>	<b>Disability workers</b>	<b>Aged or disabled care</b>	<b>Other community services</b>	<b>Total</b>
Health services, nfd	120	184	143	1,288	912	2,647
Hospitals & nursing homes, nfd	—	5	3	25	18	51
Hospitals (excl. psychiatric)	194	267	62	491	2,271	3,285
Psychiatric hospitals	—	15	13	45	114	187
Nursing homes	31	45	87	4,281	412	4,856
Medical & dental services, nfd	6	3	3	4	4	20
GP medical services	124	25	9	87	201	446
Specialist medical services	6	57	40	96	387	615
Dental services	15	10	3	19	35	82
Other health services, nfd	6	—	12	144	23	185
Pathology services	6	—	—	—	3	9
Optometry & optical dispensing	6	—	3	—	—	9
Ambulance services	—	3	3	6	24	36
Community health centres	209	257	131	643	1,584	2,824
Physiotherapy services	12	—	3	8	15	38
Chiropractic services	11	—	3	3	—	17
Health services, nec	125	196	155	515	957	1,948
<i>Total health services</i>	<i>900</i>	<i>1,067</i>	<i>673</i>	<i>7,655</i>	<i>6,960</i>	<i>17,255</i>
Community services, nfd	725	527	276	1,171	1,724	4,423
Child care services	51,013	250	92	228	827	52,410
Community care services, nfd	139	138	222	1,127	355	1,981
Accommodation for the aged	23	37	38	3,614	303	4,015
Residential care services, nfd	1,698	992	2,603	4,984	1,547	11,824
Non-residential care services, nec	2,466	4,485	2,878	19,938	7,416	37,183
<i>Total community services</i>	<i>56,064</i>	<i>6,429</i>	<i>6,109</i>	<i>31,062</i>	<i>12,172</i>	<i>111,836</i>
Health & community services, nfd	481	372	340	5,877	1,264	8,334
<i>Total health &amp; community services</i>	<i>57,445</i>	<i>7,868</i>	<i>7,122</i>	<i>44,594</i>	<i>20,396</i>	<i>137,425</i>
Government administration	2,051	2,329	1,207	2,141	13,859	21,587
Defence	14	10	6	6	51	87
Education	31,119	208	21,030	513	1,191	54,061
Other industries (incl. not stated)	11,072	1,263	1,530	4,538	5,493	23,896
<b>Total</b>	<b>101,701</b>	<b>11,678</b>	<b>30,895</b>	<b>51,792</b>	<b>40,990</b>	<b>237,056</b>

(a) Does not include childcare workers nfd.

Source: ABS, Census of Population and Housing, 2001.

**Table A.9: Persons with a highest qualification in a health field: age and employment status and age, 2001**

Field of study	Age 15–64 years				Age 65+			Total
	Em- ployed	Unem- ployed	Not in the labour force	Total	Em- ployed	Not em- ployed	Total	
<b>Health, nfd</b>								
Health, nfd	20,639	710	3,053	24,429	307	948	1,266	<b>25,695</b>
<b>Medical studies</b>								
Medical studies, nfd	2,089	53	351	2,502	175	356	537	<b>3,039</b>
General medicine	34,879	529	2,903	38,341	2,067	3,170	5,260	<b>43,601</b>
Surgery	1,694	15	113	1,822	382	319	704	<b>2,526</b>
Psychiatry	1,332	18	117	1,467	143	166	315	<b>1,782</b>
Obstetrics & gynaecology	527	—	38	565	72	154	226	<b>791</b>
Paediatrics	276	6	25	307	9	16	25	<b>332</b>
Anaesthesiology	1,249	3	69	1,321	67	138	205	<b>1,526</b>
Pathology	478	9	66	553	28	75	103	<b>656</b>
Radiology	778	9	75	865	51	124	175	<b>1,040</b>
Internal medicine	1,881	29	173	2,086	222	284	512	<b>2,598</b>
General practice	1,156	12	47	1,218	89	101	190	<b>1,408</b>
Medical studies, nec	923	12	77	1,012	77	114	191	<b>1,203</b>
<i>Total</i>	<i>47,262</i>	<i>695</i>	<i>4,054</i>	<i>52,059</i>	<i>3,382</i>	<i>5,017</i>	<i>8,443</i>	<b><i>60,502</i></b>
<b>Nursing</b>								
Nursing, nfd	465	9	183	657	26	379	417	<b>1,074</b>
General nursing	207,344	4,016	49,464	261,256	3,167	33,151	37,074	<b>298,330</b>
Midwifery	13,189	147	3,836	17,199	308	3,650	4,031	<b>21,230</b>
Mental health nursing	2,176	43	540	2,774	35	525	570	<b>3,344</b>
Community nursing	425	18	110	553	3	48	51	<b>604</b>
Critical care nursing	1,546	6	120	1,672	—	19	19	<b>1,691</b>
Aged care nursing	1,631	78	332	2,041	27	74	104	<b>2,145</b>
Palliative care nursing	69	—	6	75	—	3	3	<b>78</b>
Mothercraft nursing	2,281	70	1,249	3,612	81	997	1,097	<b>4,709</b>
Nursing, nec	1,058	27	264	1,349	13	156	175	<b>1,524</b>
<i>Total</i>	<i>230,184</i>	<i>4,414</i>	<i>56,104</i>	<i>291,188</i>	<i>3,660</i>	<i>39,002</i>	<i>43,541</i>	<b><i>334,729</i></b>
<b>Dental studies</b>								
Dental studies, nfd	1,555	50	307	1,918	24	72	96	<b>2,014</b>
Dentistry	8,976	140	1,043	10,176	484	1,615	2,111	<b>12,287</b>
Dental assisting	10,244	244	2,957	13,475	38	357	408	<b>13,883</b>
Dental technology	2,715	63	351	3,132	109	584	711	<b>3,843</b>
Dental studies, nec	1,908	43	428	2,379	3	13	16	<b>2,395</b>
<i>Total</i>	<i>25,398</i>	<i>540</i>	<i>5,086</i>	<i>31,080</i>	<i>658</i>	<i>2,641</i>	<i>3,342</i>	<b><i>34,422</i></b>
<b>Pharmacy</b>								
Pharmacy	14,849	255	2,276	17,416	1,081	2,964	4,080	<b>21,496</b>
<b>Optical science</b>								
Optical science, nfd	18	—	3	21	—	6	6	<b>27</b>
Optometry	2,686	21	209	2,919	81	249	333	<b>3,252</b>
Optical technology	2,922	86	380	3,394	58	318	379	<b>3,773</b>
Optical science, nec	6	—	—	6	—	—	—	<b>6</b>
<i>Total</i>	<i>5,632</i>	<i>107</i>	<i>592</i>	<i>6,340</i>	<i>139</i>	<i>573</i>	<i>718</i>	<b><i>7,058</i></b>

(continued)

**Table A.9 (continued): Persons with a highest qualification in a health field: employment status and age, 2001**

Field of study	Age 15–64 years				Age 65+			
	Em- ployed	Unem- ployed	Not in the labour force	Total	Em- ployed	Not em- ployed	Total	Total
<b>Public health</b>								
Public health, nfd	1,823	47	213	2,083	17	124	144	<b>2,227</b>
Occupational health & safety	5,674	251	565	6,493	37	217	254	<b>6,747</b>
Environmental health	1,785	44	235	2,064	31	338	375	<b>2,439</b>
Indigenous health	306	27	99	432	3	9	12	<b>444</b>
Health promotion	1,520	42	244	1,806	10	44	54	<b>1,860</b>
Community health	2,295	104	431	2,836	22	110	132	<b>2,968</b>
Epidemiology	318	3	40	361	3	3	6	<b>367</b>
Public health, nec	167	9	22	198	—	15	15	<b>213</b>
<i>Total</i>	<b>13,888</b>	<b>527</b>	<b>1,849</b>	<b>16,273</b>	<b>123</b>	<b>860</b>	<b>992</b>	<b>17,265</b>
<b>Radiography</b>								
Radiography	7,592	71	920	8,592	85	583	674	<b>9,266</b>
<b>Rehabilitation therapies</b>								
Rehabilitation therapies, nfd	535	18	74	627	6	25	31	<b>658</b>
Physiotherapy	10,862	115	1,654	2,655	229	1,285	1,534	<b>14,189</b>
Occupational therapy	6,077	74	1,100	7,260	52	308	363	<b>7,623</b>
Chiropractic & osteopathy	2,257	18	190	2,471	92	134	229	<b>2,700</b>
Speech pathology	3,329	36	511	3,879	32	115	150	<b>4,029</b>
Audiology	996	12	109	1,120	12	52	64	<b>1,184</b>
Massage therapy	6,569	527	1,857	8,972	55	118	179	<b>9,151</b>
Podiatry	1,641	21	206	1,868	62	527	600	<b>2,468</b>
Rehabilitation therapies, nec	2,275	111	427	2,813	36	136	172	<b>2,985</b>
<i>Total</i>	<b>34,541</b>	<b>932</b>	<b>6,128</b>	<b>41,665</b>	<b>576</b>	<b>2,700</b>	<b>3,322</b>	<b>44,987</b>
<b>Complementary therapies</b>								
Complementary therapies, nfd	1,363	131	417	1,911	15	44	59	<b>1,970</b>
Naturopathy	2,726	183	665	3,583	37	94	134	<b>3,717</b>
Acupuncture	632	28	139	799	10	28	38	<b>837</b>
Traditional Chinese medicine	498	30	123	657	9	25	34	<b>691</b>
Complementary therapies, nec	1,042	85	338	1,471	17	36	59	<b>1,530</b>
<i>Total</i>	<b>6,261</b>	<b>457</b>	<b>1,682</b>	<b>8,421</b>	<b>88</b>	<b>227</b>	<b>324</b>	<b>8,745</b>
<b>Other health</b>								
Other health, nfd	32	—	9	41	—	3	3	<b>44</b>
Nutrition & dietetics	3,638	127	921	4,704	34	269	306	<b>5,010</b>
Human movement	4,090	130	422	4,645	12	12	24	<b>4,669</b>
Paramedical studies	3,573	83	375	4,034	37	259	299	<b>4,333</b>
First aid	620	156	296	1,078	6	66	72	<b>1,150</b>
Health, nec	547	12	104	663	9	31	40	<b>703</b>
<i>Total</i>	<b>12,500</b>	<b>508</b>	<b>2,127</b>	<b>15,165</b>	<b>98</b>	<b>640</b>	<b>744</b>	<b>15,909</b>
<b>Teacher education</b>								
Special education teacher	6,748	71	1,231	8,050	85	571	659	<b>8,709</b>
Nursing education teacher	733	9	192	934	20	248	274	<b>1,208</b>
<b>Total</b>	<b>420,212</b>	<b>9,234</b>	<b>84,255</b>	<b>514,496</b>	<b>10,237</b>	<b>56,651</b>	<b>67,994</b>	<b>582,490</b>

Note: Employment classification 'not stated' included in 'Total' figures. Those employed in this table are not necessarily employed in a health occupation.

Source: ABS, Census of Population and Housing, 2001.

**Table A.10: Persons employed in health occupations: sex, states and territories, 2001**

Occupation	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Males</b>									
<b>Medical workers</b>									
Medical administrator	489	268	236	109	87	23	42	25	1,279
Generalist medical practitioner	6,674	4,732	3,277	1,714	1,639	442	308	175	18,961
Medical practitioner in training	495	389	246	137	106	44	53	13	1,483
Anaesthetist	509	420	295	163	159	38	25	12	1,621
Dermatologist	47	38	30	13	11	—	—	3	142
Emergency medicine specialist	73	60	38	20	16	3	3	—	213
Obstetrician and gynaecologist	207	133	113	46	44	10	10	3	566
Ophthalmologist	113	86	64	34	34	3	3	—	337
Paediatrician	183	90	94	40	40	12	6	6	471
Pathologist	215	124	108	58	65	13	14	6	603
Specialist physician	498	390	252	142	150	36	30	9	1,507
Psychiatrist	392	409	198	116	114	23	15	15	1,282
Radiologist	350	261	184	113	85	32	17	—	1,042
Surgeon	1,017	772	522	275	287	68	49	18	3,008
Specialist medical practitioner, nec	119	61	50	18	39	12	12	3	314
Specialist medical practitioner, nfd	217	159	95	40	58	—	18	—	587
Medical practitioner, nfd	41	80	47	19	21	6	3	—	217
<i>Total</i>	<i>11,639</i>	<i>8,472</i>	<i>5,849</i>	<i>3,057</i>	<i>2,955</i>	<i>765</i>	<i>608</i>	<i>288</i>	<i>33,633</i>
<b>Medical imaging workers</b>									
Medical diagnostic radiographer	652	453	359	182	121	37	36	15	1,855
Radiation therapist	55	47	41	15	18	12	—	—	188
Nuclear medicine technologist	44	43	13	9	12	6	—	—	127
Sonographer	115	98	65	23	21	6	—	3	331
<i>Total</i>	<i>866</i>	<i>641</i>	<i>478</i>	<i>229</i>	<i>172</i>	<i>61</i>	<i>36</i>	<i>18</i>	<i>2,501</i>
<b>Dental workers</b>									
Dentist	1,916	1,231	1,011	558	479	79	105	38	5,417
Dental specialist	207	147	121	69	66	9	22	3	644
Dental therapist	3	—	16	3	—	3	—	—	25
Dental hygienist	—	—	—	9	3	—	—	—	12
Dental technician	723	593	465	290	184	58	44	15	2,372
Dental associate professional, nfd	—	—	—	—	—	—	—	—	—
Dental assistant	69	19	41	21	15	3	3	—	171
<i>Total</i>	<i>2,918</i>	<i>1,990</i>	<i>1,654</i>	<i>950</i>	<i>747</i>	<i>152</i>	<i>174</i>	<i>56</i>	<i>8,641</i>
<b>Nursing workers</b>									
Director of nursing	126	55	57	18	30	9	—	3	298
Nurse manager	382	276	82	68	42	16	6	3	875
Nurse educator	63	41	32	16	16	3	6	9	186
Nurse researcher	18	19	3	6	3	—	3	—	52
Registered nurse	3,678	2,652	2,149	809	1,036	293	116	112	10,845
Registered midwife	68	13	19	4	15	12	3	—	134
Registered mental health nurse	581	685	370	299	255	67	15	16	2,288
Reg developmental disability nurse	83	79	3	—	17	6	—	—	188
Nursing professional, nfd	16	28	3	—	3	—	3	3	56
Enrolled nurse	693	301	340	89	178	37	32	27	1,697
Personal care assistant	1,982	1,418	1,757	1,048	485	231	99	85	7,105
Nursing assistant	1,352	463	749	242	129	70	40	9	3,054
<i>Total</i>	<i>9,042</i>	<i>6,030</i>	<i>5,564</i>	<i>2,599</i>	<i>2,209</i>	<i>744</i>	<i>323</i>	<i>267</i>	<i>26,778</i>

(continued)

**Table A.10 (continued): Persons employed in health occupations: sex, states and territories, 2001**

Occupation	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Males</b>									
<b>Pharmacist workers</b>									
Hospital pharmacist	97	110	72	56	30	9	6	—	380
Industrial pharmacist	66	99	30	19	10	—	6	—	230
Retail pharmacist	1,992	1,558	1,185	617	461	161	75	26	6,075
<i>Total</i>	<i>2,155</i>	<i>1,767</i>	<i>1,287</i>	<i>692</i>	<i>501</i>	<i>170</i>	<i>87</i>	<i>26</i>	<i>6,685</i>
<b>Allied health workers</b>									
Occupational therapist	106	99	53	57	34	9	3	3	364
Optometrist	576	367	325	152	105	33	20	11	1,589
Physiotherapist	888	759	423	289	292	47	51	15	2,764
Speech pathologist	21	34	16	9	19	6	—	3	108
Podiatrist	186	183	98	88	91	14	20	—	680
Dietitian	63	41	32	12	18	3	9	3	181
Audiologist	60	50	23	15	11	3	3	3	168
Orthoptist	25	21	9	3	—	—	—	—	58
Orthotist	89	77	37	26	29	12	9	3	282
Health professional, nec	66	50	45	7	15	6	7	3	199
Clinical psychologist	748	570	309	233	168	38	57	22	2,145
Therapy aide	79	44	52	55	16	12	3	—	261
<i>Total</i>	<i>2,907</i>	<i>2,295</i>	<i>1,422</i>	<i>946</i>	<i>798</i>	<i>183</i>	<i>182</i>	<i>66</i>	<i>8,799</i>
<b>Complementary therapies</b>									
Chiropractor	512	426	254	130	153	12	20	3	1,510
Osteopath	103	81	19	10	3	6	13	—	235
Naturopath	157	177	154	63	44	12	10	3	620
Acupuncturist	169	64	99	14	19	3	9	—	377
Natural therapy professional, nec	93	78	34	19	15	—	—	—	239
Natural remedy consultant	152	237	99	69	33	21	6	6	623
<i>Total</i>	<i>1,186</i>	<i>1,063</i>	<i>659</i>	<i>305</i>	<i>267</i>	<i>54</i>	<i>58</i>	<i>12</i>	<i>3,604</i>
<b>Other health</b>									
Medical scientist	1,190	1,137	609	409	396	82	79	18	3,920
Biomedical engineer	162	143	67	32	45	6	12	—	467
Health information manager	42	27	25	3	6	—	6	—	109
Occupational health & safety officer	539	458	384	201	161	56	40	24	1,863
Environmental health officer	655	312	600	235	98	55	29	36	2,020
Medical technical officer	998	970	646	357	270	78	46	42	3,407
Ambulance officer	1,566	333	346	76	132	41	10	26	2,530
Intensive care ambulance paramedic	364	1,028	923	183	227	56	39	15	2,835
Indigenous health worker	31	15	57	62	35	3	3	74	280
Massage therapist	462	346	243	71	99	26	37	6	1,290
Primary products inspector	680	435	533	290	170	91	28	46	2,273
Anatomist or physiologist	73	32	53	45	12	3	15	6	239
Safety inspector	1,094	741	901	564	292	92	53	43	3,780
Admissions clerk	119	70	73	19	23	15	6	6	331
Weight loss consultant	9	—	3	—	3	—	3	—	18
<i>Total</i>	<i>7,984</i>	<i>6,047</i>	<i>5,463</i>	<i>2,547</i>	<i>1,969</i>	<i>604</i>	<i>406</i>	<i>342</i>	<i>25,362</i>
<b>Total males</b>	<b>38,697</b>	<b>28,305</b>	<b>22,376</b>	<b>11,325</b>	<b>9,618</b>	<b>2,733</b>	<b>1,874</b>	<b>1,075</b>	<b>116,003</b>

(continued)

**Table A.10 (continued): Persons employed in health occupations: sex, states and territories, 2001**

<b>Occupation</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>WA</b>	<b>SA</b>	<b>Tas</b>	<b>ACT</b>	<b>NT</b>	<b>Total</b>
<b>Females</b>									
<b>Medical workers</b>									
Medical administrator	956	614	388	204	128	51	69	41	2,451
Generalist medical practitioner	3,456	2,512	1,831	951	849	241	209	116	10,165
Medical practitioner in training	435	322	185	114	105	42	39	21	1,263
Anaesthetist	170	125	103	52	48	15	3	3	519
Dermatologist	44	14	23	4	12	—	—	—	97
Emergency medicine specialist	41	23	17	12	10	—	—	3	106
Obstetrician and gynaecologist	63	62	30	18	31	10	3	9	226
Ophthalmologist	43	30	12	—	6	—	—	—	91
Paediatrician	117	81	48	38	19	9	—	12	324
Pathologist	226	93	128	40	35	9	19	3	553
Specialist physician	158	120	65	38	38	3	11	—	433
Psychiatrist	208	221	117	83	79	12	6	3	729
Radiologist	112	73	45	45	33	15	6	3	332
Surgeon	82	84	48	17	27	3	3	3	267
Specialist medical practitioner, nec	68	49	26	22	20	3	9	—	197
Specialist medical practitioner, nfd	113	80	55	32	25	3	3	—	311
Medical practitioner, nfd	33	40	24	3	6	—	—	3	109
<i>Total</i>	<i>6,325</i>	<i>4,543</i>	<i>3,145</i>	<i>1,673</i>	<i>1,471</i>	<i>416</i>	<i>380</i>	<i>220</i>	<i>18,173</i>
<b>Medical imaging workers</b>									
Medical diagnostic radiographer	1,254	824	621	362	371	94	50	26	3,602
Radiation therapist	176	174	125	43	56	22	3	—	599
Nuclear medicine technologist	113	96	37	30	26	3	—	—	305
Sonographer	470	207	215	97	63	19	30	3	1,104
<i>Total</i>	<i>2,013</i>	<i>1,301</i>	<i>998</i>	<i>532</i>	<i>516</i>	<i>138</i>	<i>83</i>	<i>29</i>	<i>5,610</i>
<b>Dental workers</b>									
Dentist	678	497	326	202	159	30	52	21	1,965
Dental specialist	52	47	29	16	14	6	3	—	167
Dental therapist	193	135	352	278	118	50	15	13	1,154
Dental hygienist	91	84	58	62	107	—	16	3	421
Dental technician	182	137	123	69	40	19	15	6	591
Dental associate professional, nfd	—	9	—	—	—	—	—	—	9
Dental assistant	4,144	3,008	2,686	1,375	1,155	234	241	71	12,914
<i>Total</i>	<i>5,340</i>	<i>3,917</i>	<i>3,574</i>	<i>2,002</i>	<i>1,593</i>	<i>339</i>	<i>342</i>	<i>114</i>	<i>17,221</i>
<b>Nursing workers</b>									
Director of nursing	929	552	466	151	181	63	16	19	2,377
Nurse manager	2,193	2,483	730	484	342	181	74	40	6,527
Nurse educator	646	485	251	169	89	29	33	31	1,733
Nurse researcher	174	206	81	85	79	22	12	3	662
Registered nurse	41,403	35,594	24,547	11,816	11,345	3,550	1,912	1,172	131,339
Registered midwife	3,363	2,988	1,987	1,249	1,211	348	203	169	11,518
Registered mental health nurse	1,151	1,169	730	476	466	111	72	24	4,199
Reg developmental disability nurse	244	122	18	11	15	6	—	—	416
Nursing professional, nfd	120	278	56	50	35	28	13	6	586
Enrolled nurse	5,729	3,889	3,040	1,868	2,520	374	230	160	17,810
Personal care assistant	3,994	7,622	2,743	2,453	2,701	945	170	151	20,779
Nursing assistant	9,242	2,034	5,102	2,037	795	280	220	22	19,732
<i>Total</i>	<i>69,188</i>	<i>57,422</i>	<i>39,751</i>	<i>20,849</i>	<i>19,779</i>	<i>5,937</i>	<i>2,955</i>	<i>1,797</i>	<i>217,678</i>

(continued)



**Table A.10 (continued): Persons employed in health occupations: sex, states and territories, 2001**

Occupation	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Females</b>									
<b>Pharmacist workers</b>									
Hospital pharmacist	336	273	158	93	78	36	24	3	1,001
Industrial pharmacist	69	123	29	6	16	—	3	—	246
Retail pharmacist	2,217	1,481	973	573	432	152	104	35	5,967
<i>Total</i>	<i>2,622</i>	<i>1,877</i>	<i>1,160</i>	<i>672</i>	<i>526</i>	<i>188</i>	<i>131</i>	<i>38</i>	<i>7,214</i>
<b>Allied health workers</b>									
Occupational therapist	1,634	1,265	782	689	350	113	88	46	4,967
Optometrist	410	300	198	91	58	22	20	7	1,106
Physiotherapist	2,552	1,763	1,291	821	657	177	158	59	7,478
Speech pathologist	874	771	547	314	264	63	43	27	2,903
Podiatrist	300	361	151	97	127	33	15	3	1,087
Dietitian	707	449	268	146	134	26	61	22	1,813
Audiologist	195	198	107	55	41	13	15	3	627
Orthoptist	177	146	24	12	9	3	12	—	383
Orthotist	12	45	12	9	10	6	3	—	97
Health professional, nec	788	525	586	50	235	93	24	9	2,310
Clinical psychologist	1,890	1,652	791	561	288	88	126	31	5,427
Therapy aide	541	588	382	550	274	85	17	23	2,460
<i>Total</i>	<i>10,080</i>	<i>8,063</i>	<i>5,139</i>	<i>3,395</i>	<i>2,447</i>	<i>722</i>	<i>582</i>	<i>230</i>	<i>30,658</i>
<b>Complementary therapies</b>									
Chiropractor	198	174	74	36	53	9	6	3	553
Osteopath	57	90	12	9	3	6	—	—	177
Naturopath	568	453	453	177	166	36	28	9	1,890
Acupuncturist	135	53	95	9	17	—	6	—	315
Natural therapy professional, nec	100	72	50	33	21	—	6	3	285
Natural remedy consultant	548	481	291	219	112	28	21	9	1,709
<i>Total</i>	<i>1,606</i>	<i>1,323</i>	<i>975</i>	<i>483</i>	<i>372</i>	<i>79</i>	<i>67</i>	<i>24</i>	<i>4,929</i>
<b>Other health</b>									
Medical scientist	2,205	2,411	1,094	705	519	106	109	35	7,184
Biomedical engineer	16	21	3	—	3	—	3	—	46
Health information manager	236	336	104	32	24	9	18	3	762
Occupational health & safety officer	470	426	329	114	149	37	52	19	1,596
Environmental health officer	331	255	363	153	79	40	24	31	1,276
Medical technical officer	3,344	2,365	2,180	1,328	905	158	162	96	10,538
Ambulance officer	423	61	80	41	59	20	10	9	703
Intensive care ambulance paramedic	61	203	203	54	70	10	14	11	626
Indigenous health worker	106	36	142	113	70	10	—	158	635
Massage therapist	1,246	920	763	260	244	66	91	28	3,618
Primary products inspector	174	120	125	76	34	21	30	21	601
Anatomist or physiologist	89	54	58	46	16	6	9	—	278
Safety inspector	215	187	164	117	60	19	9	12	783
Admissions clerk	1,123	1,198	408	554	301	121	59	44	3,808
Weight loss consultant	229	196	146	89	56	13	16	6	751
<i>Total</i>	<i>10,268</i>	<i>8,789</i>	<i>6,162</i>	<i>3,682</i>	<i>2,589</i>	<i>636</i>	<i>606</i>	<i>473</i>	<i>33,205</i>
<b>Total females</b>	<b>107,442</b>	<b>87,235</b>	<b>60,904</b>	<b>33,288</b>	<b>29,293</b>	<b>8,455</b>	<b>5,146</b>	<b>2,925</b>	<b>334,688</b>

(continued)

**Table A.10 (continued): Persons employed in health occupations: sex, states and territories, 2001**

Occupation	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Persons</b>									
<b>Medical workers</b>									
Medical administrator	1,445	882	624	313	215	74	111	66	3,730
Generalist medical practitioner	10,130	7,244	5,108	2,665	2,488	683	517	291	29,126
Medical practitioner in training	930	711	431	251	211	86	92	34	2,746
Anaesthetist	679	545	398	215	207	53	28	15	2,140
Dermatologist	91	52	53	17	23	—	—	3	239
Emergency medicine specialist	114	83	55	32	26	3	3	3	319
Obstetrician and gynaecologist	270	195	143	64	75	20	13	12	792
Ophthalmologist	156	116	76	34	40	3	3	—	428
Paediatrician	300	171	142	78	59	21	6	18	795
Pathologist	441	217	236	98	100	22	33	9	1,156
Specialist physician	656	510	317	180	188	39	41	9	1,940
Psychiatrist	600	630	315	199	193	35	21	18	2,011
Radiologist	462	334	229	158	118	47	23	3	1,374
Surgeon	1,099	856	570	292	314	71	52	21	3,275
Specialist medical practitioner, nec	187	110	76	40	59	15	21	3	511
Specialist medical practitioner, nfd	74	120	71	22	27	6	3	3	898
Medical practitioner, nfd	330	239	150	72	83	3	21	—	326
<i>Total</i>	<i>17,964</i>	<i>13,015</i>	<i>8,994</i>	<i>4,730</i>	<i>4,426</i>	<i>1,181</i>	<i>988</i>	<i>508</i>	<i>51,806</i>
<b>Medical imaging workers</b>									
Medical diagnostic radiographer	1,906	1,277	980	544	492	131	86	41	5,457
Radiation therapist	231	221	166	58	74	34	3	—	787
Nuclear medicine technologist	157	139	50	39	38	9	—	—	432
Sonographer	585	305	280	120	84	25	30	6	1,435
<i>Total</i>	<i>2,879</i>	<i>1,942</i>	<i>1,476</i>	<i>761</i>	<i>688</i>	<i>199</i>	<i>119</i>	<i>47</i>	<i>8,111</i>
<b>Dental workers</b>									
Dentist	2,594	1,728	1,337	760	638	109	157	59	7,382
Dental specialist	259	194	150	85	80	15	25	3	811
Dental therapist	196	135	368	281	118	53	15	13	1,179
Dental hygienist	91	84	58	71	110	—	16	3	433
Dental technician	905	730	588	359	224	77	59	21	2,963
Dental associate professional, nfd	—	9	—	—	—	—	—	—	9
Dental assistant	4,213	3,027	2,727	1,396	1,170	237	244	71	13,085
<i>Total</i>	<i>8,258</i>	<i>5,907</i>	<i>5,228</i>	<i>2,952</i>	<i>2,340</i>	<i>491</i>	<i>516</i>	<i>170</i>	<i>25,862</i>
<b>Nursing workers</b>									
Director of nursing	1,055	607	523	169	211	72	16	22	2,675
Nurse manager	2,575	2,759	812	552	384	197	80	43	7,402
Nurse educator	709	526	283	185	105	32	39	40	1,919
Nurse researcher	192	225	84	91	82	22	15	3	714
Registered nurse	45,081	38,246	26,696	12,625	12,381	3,843	2,028	1,284	142,184
Registered midwife	3,431	3,001	2,006	1,253	1,226	360	206	169	11,652
Registered mental health nurse	1,732	1,854	1,100	775	721	178	87	40	6,487
Reg developmental disability nurse	327	201	21	11	32	12	—	—	604
Nursing professional, nfd	136	306	59	50	38	28	16	9	642
Enrolled nurse	6,422	4,190	3,380	1,957	2,698	411	262	187	19,507
Personal care assistant	5,976	9,040	4,500	3,501	3,186	1,176	269	236	27,884
Nursing assistant	10,594	2,497	5,851	2,279	924	350	260	31	22,786
<i>Total</i>	<i>78,230</i>	<i>63,452</i>	<i>45,315</i>	<i>23,448</i>	<i>21,988</i>	<i>6,681</i>	<i>3,278</i>	<i>2,064</i>	<i>244,456</i>

(continued)

**Table A.10 (continued): Persons employed in health occupations: sex, states and territories, 2001**

Occupation	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Persons</b>									
<b>Pharmacist workers</b>									
Hospital pharmacist	433	383	230	149	108	45	30	3	1,381
Industrial pharmacist	135	222	59	25	26	—	9	—	476
Retail pharmacist	4,209	3,039	2,158	1,190	893	313	179	61	12,042
<i>Total</i>	<i>4,777</i>	<i>3,644</i>	<i>2,447</i>	<i>1,364</i>	<i>1,027</i>	<i>358</i>	<i>218</i>	<i>64</i>	<i>13,899</i>
<b>Allied health workers</b>									
Occupational therapist	1,740	1,364	835	746	384	122	91	49	5,331
Optometrist	986	667	523	243	163	55	40	18	2,695
Physiotherapist	3,440	2,522	1,714	1,110	949	224	209	74	10,242
Speech pathologist	895	805	563	323	283	69	43	30	3,011
Podiatrist	486	544	249	185	218	47	35	3	1,767
Dietitian	770	490	300	158	152	29	70	25	1,994
Audiologist	255	248	130	70	52	16	18	6	795
Orthoptist	202	167	33	15	9	3	12	—	441
Orthotist	101	122	49	35	39	18	12	3	379
Health professional, nec	854	575	631	57	250	99	31	12	2,509
Clinical psychologist	2,638	2,222	1,100	794	456	126	183	53	7,572
Therapy aide	620	632	434	605	290	97	20	23	2,721
<i>Total</i>	<i>12,987</i>	<i>10,358</i>	<i>6,561</i>	<i>4,341</i>	<i>3,245</i>	<i>905</i>	<i>764</i>	<i>296</i>	<i>39,457</i>
<b>Complementary therapies</b>									
Chiropractor	710	600	328	166	206	21	26	6	2,063
Osteopath	160	171	31	19	6	12	13	—	412
Naturopath	725	630	607	240	210	48	38	12	2,510
Acupuncturist	304	117	194	23	36	3	15	—	692
Natural therapy professional, nec	193	150	84	52	36	—	6	3	524
Natural remedy consultant	700	718	390	288	145	49	27	15	2,332
<i>Total</i>	<i>2,792</i>	<i>2,386</i>	<i>1,634</i>	<i>788</i>	<i>639</i>	<i>133</i>	<i>125</i>	<i>36</i>	<i>8,533</i>
<b>Other health</b>									
Medical scientist	3,395	3,548	1,703	1,114	915	188	188	53	11,104
Biomedical engineer	178	164	70	32	48	6	15	—	513
Health information manager	278	363	129	35	30	9	24	3	871
Occupational health & safety officer	1,009	884	713	315	310	93	92	43	3,459
Environmental health officer	986	567	963	388	177	95	53	67	3,296
Medical technical officer	4,342	3,335	2,826	1,685	1,175	236	208	138	13,945
Ambulance officer	1,989	394	426	117	191	61	20	35	3,233
Intensive care ambulance paramedic	425	1,231	1,126	237	297	66	53	26	3,461
Indigenous health worker	137	51	199	175	105	13	3	232	915
Massage therapist	1,708	1,266	1,006	331	343	92	128	34	4,908
Primary products inspector	854	555	658	366	204	112	58	67	2,874
Anatomist or physiologist	162	86	111	91	28	9	24	6	517
Safety inspector	1,309	928	1,065	681	352	111	62	55	4,563
Admissions clerk	1,242	1,268	481	573	324	136	65	50	4,139
Weight loss consultant	238	196	149	89	59	13	19	6	769
<i>Total</i>	<i>18,252</i>	<i>14,836</i>	<i>11,625</i>	<i>6,229</i>	<i>4,558</i>	<i>1,240</i>	<i>1,012</i>	<i>815</i>	<i>58,567</i>
<b>Total persons</b>	<b>146,139</b>	<b>115,540</b>	<b>83,280</b>	<b>44,613</b>	<b>38,911</b>	<b>11,188</b>	<b>7,020</b>	<b>4,000</b>	<b>450,691</b>

Note: Does not include those whose sex was not stated.

Source: ABS, Census of Population and Housing, 2001.

**Table A.11: Persons employed in community services occupations: sex, states and territories, 2001**

Occupation	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Males</b>									
<b>Child and youth services</b>									
Child care co-ordinator	152	101	172	45	30	12	3	3	518
Pre-primary school teacher	129	38	54	16	29	9	3	6	284
Youth worker	975	620	499	268	305	58	57	38	2,820
Pre-school aide	15	12	16	3	9	—	—	—	55
Child care worker	547	388	467	130	179	45	164	22	1,942
Family day care worker	14	30	27	17	18	16	—	—	122
Nanny	48	35	16	9	7	3	3	—	121
Hostel parent	82	45	104	64	20	6	—	28	349
Child or youth residential care assistant	13	49	6	21	9	13	3	—	114
Children's care workers, nfd	119	100	77	26	20	12	20	3	377
<i>Total</i>	<i>2,094</i>	<i>1,418</i>	<i>1,438</i>	<i>599</i>	<i>626</i>	<i>174</i>	<i>253</i>	<i>100</i>	<i>6,702</i>
<b>Family services</b>									
Welfare worker	819	803	235	145	134	41	25	24	2,226
Family counsellor	72	66	43	32	15	10	6	3	247
Family support worker	33	33	28	37	14	6	6	72	229
<i>Total</i>	<i>924</i>	<i>902</i>	<i>306</i>	<i>214</i>	<i>163</i>	<i>57</i>	<i>37</i>	<i>99</i>	<i>2,702</i>
<b>Disability workers</b>									
Special needs teacher	460	246	301	78	107	17	13	13	1,235
Teacher of the hearing-impaired	44	22	12	6	6	3	3	—	96
Teacher of the sight-impaired	31	—	9	6	3	—	3	—	52
Special education teacher, nec	38	17	29	32	28	3	12	28	187
Residential care officer	335	96	287	25	9	43	9	6	810
Disabilities services officer	374	566	144	425	203	40	51	3	1,806
Integration aide	90	246	81	28	30	26	15	9	525
<i>Total</i>	<i>1,372</i>	<i>1,193</i>	<i>863</i>	<i>600</i>	<i>386</i>	<i>132</i>	<i>106</i>	<i>59</i>	<i>4,711</i>
<b>Aged or disabled care</b>									
Aged or disabled person carer	1,989	1,988	1,546	672	953	437	189	99	7,873
<b>Other community services</b>									
Welfare centre manager	110	76	54	26	27	18	18	7	336
Social worker	419	515	234	188	278	44	28	9	1,715
Community worker	1,058	881	717	451	309	95	77	134	3,722
Rehabilitation counsellor	105	63	30	39	43	21	4	6	311
Drug & alcohol counsellor	186	122	46	48	19	3	9	12	445
Welfare associate professional, nfd	42	21	24	28	17	13	6	—	151
Parole or probation officer	218	43	51	48	41	17	12	15	445
Refuge worker	9	12	9	9	3	—	—	—	42
Social security inspector	776	651	525	258	261	150	55	39	2,715
<i>Total</i>	<i>2,923</i>	<i>2,384</i>	<i>1,690</i>	<i>1,095</i>	<i>998</i>	<i>361</i>	<i>209</i>	<i>222</i>	<i>9,882</i>
<b>Total</b>	<b>9,302</b>	<b>7,885</b>	<b>5,843</b>	<b>3,180</b>	<b>3,126</b>	<b>1,161</b>	<b>794</b>	<b>579</b>	<b>31,870</b>

(continued)

**Table A.11 (continued): Persons employed in community services occupations: sex, states and territories, 2001**

Occupation	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Females</b>									
<b>Child and youth services</b>									
Child care co-ordinator	1,748	1,337	1,670	437	367	113	157	95	5,924
Pre-primary school teacher	5,663	2,820	2,379	1,386	942	304	279	113	13,886
Youth worker	1,140	850	533	298	324	88	63	61	3,357
Pre-school aide	702	1,862	1,401	336	113	29	122	75	4,640
Child care worker	13,834	9,696	10,254	3,732	3,300	838	1,100	492	43,246
Family day care worker	3,227	2,523	2,479	733	961	444	358	136	10,861
Nanny	1,890	1,367	1,023	413	266	84	120	19	5,182
Hostel parent	292	172	278	215	77	19	10	37	1,100
Child or youth residential care assistant	105	141	40	42	18	9	3	3	361
Children's care workers, nfd	1,780	2,015	1,150	500	504	149	195	144	6,437
<i>Total</i>	<i>30,381</i>	<i>22,783</i>	<i>21,207</i>	<i>8,092</i>	<i>6,872</i>	<i>2,077</i>	<i>2,407</i>	<i>1,175</i>	<i>94,994</i>
<b>Family services</b>									
Welfare worker	2,521	2,264	888	451	354	129	98	58	6,763
Family counsellor	347	283	164	110	73	33	27	21	1,058
Family support worker	311	295	191	135	110	46	32	38	1,158
<i>Total</i>	<i>3,179</i>	<i>2,842</i>	<i>1,243</i>	<i>696</i>	<i>537</i>	<i>208</i>	<i>157</i>	<i>117</i>	<i>8,979</i>
<b>Disability workers</b>									
Special needs teacher	2,958	1,745	2,317	577	515	107	122	93	8,434
Teacher of the hearing-impaired	307	198	76	67	53	21	21	9	752
Teacher of the sight-impaired	94	42	26	10	13	9	3	9	206
Special education teacher, nec	125	88	92	66	50	12	22	92	547
Residential care officer	829	287	633	61	43	119	40	9	2,021
Disabilities services officer	1,022	1,604	280	883	432	97	85	10	4,413
Integration aide	1,994	4,729	1,326	913	504	171	127	98	9,862
<i>Total</i>	<i>7,329</i>	<i>8,693</i>	<i>4,750</i>	<i>2,577</i>	<i>1,610</i>	<i>536</i>	<i>420</i>	<i>320</i>	<i>26,235</i>
<b>Aged or disabled care</b>									
Aged or disabled person carer	10,533	12,255	8,164	4,718	5,450	1,790	684	317	43,911
<b>Other community services</b>									
Welfare centre manager	194	133	69	35	32	11	23	—	497
Social worker	2,050	2,281	1,066	723	905	185	140	65	7,415
Community worker	4,326	3,596	2,126	1,343	1,140	345	264	244	13,384
Rehabilitation counsellor	518	224	134	98	132	53	33	16	1,208
Drug & alcohol counsellor	243	216	48	74	19	—	8	25	633
Welfare associate professional, nfd	61	67	39	66	57	41	27	7	365
Parole or probation officer	262	133	73	95	32	24	18	28	665
Refuge worker	114	19	33	101	12	11	12	28	330
Social security inspector	1,993	1,387	1,376	722	603	288	97	121	6,587
<i>Total</i>	<i>9,761</i>	<i>8,056</i>	<i>4,964</i>	<i>3,257</i>	<i>2,932</i>	<i>958</i>	<i>622</i>	<i>534</i>	<i>31,084</i>
<b>Total</b>	<b>61,183</b>	<b>54,629</b>	<b>40,328</b>	<b>19,340</b>	<b>17,401</b>	<b>5,569</b>	<b>4,290</b>	<b>2,463</b>	<b>205,203</b>

(continued)

**Table A.11 (continued): Persons employed in community services occupations: sex, states and territories, 2001**

Occupation	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Persons</b>									
<b>Child and youth services</b>									
Child care co-ordinator	1,900	1,438	1,842	482	397	125	160	98	6,442
Pre-primary school teacher	5,792	2,858	2,433	1,402	971	313	282	119	14,170
Youth worker	2,115	1,470	1,032	566	629	146	120	99	6,177
Pre-school aide	717	1,874	1,417	339	122	29	122	75	4,695
Child care worker	14,381	10,084	10,721	3,862	3,479	883	1,264	514	45,188
Family day care worker	3,241	2,553	2,506	750	979	460	358	136	10,983
Nanny	1,938	1,402	1,039	422	273	87	123	19	5,303
Hostel parent	374	217	382	279	97	25	10	65	1,449
Child or youth residential care assistant	118	190	46	63	27	22	6	3	475
Children's care workers, nfd	1,899	2,115	1,227	526	524	161	215	147	6,814
<i>Total</i>	<i>32,475</i>	<i>24,201</i>	<i>22,645</i>	<i>8,691</i>	<i>7,498</i>	<i>2,251</i>	<i>2,660</i>	<i>1,275</i>	<i>101,696</i>
<b>Family services</b>									
Welfare worker	3,340	3,067	1,123	596	488	170	123	82	8,989
Family counsellor	419	349	207	142	88	43	33	24	1,305
Family support worker	344	328	219	172	124	52	38	110	1,387
<i>Total</i>	<i>4,103</i>	<i>3,744</i>	<i>1,549</i>	<i>910</i>	<i>700</i>	<i>265</i>	<i>194</i>	<i>216</i>	<i>11,681</i>
<b>Disability workers</b>									
Special needs teacher	3,418	1,991	2,618	655	622	124	135	106	9,669
Teacher of the hearing-impaired	351	220	88	73	59	24	24	9	848
Teacher of the sight-impaired	125	42	35	16	16	9	6	9	258
Special education teacher, nec	163	105	121	98	78	15	34	120	734
Residential care officer	1,164	383	920	86	52	162	49	15	2,831
Disabilities services officer	1,396	2,170	424	1,308	635	137	136	13	6,219
Integration aide	2,084	4,975	1,407	941	534	197	142	107	10,387
<i>Total</i>	<i>8,701</i>	<i>9,886</i>	<i>5,613</i>	<i>3,177</i>	<i>1,996</i>	<i>668</i>	<i>526</i>	<i>379</i>	<i>30,946</i>
<b>Aged or disabled care</b>									
Aged or disabled person carer	12,522	14,243	9,710	5,390	6,403	2,227	873	416	51,784
<b>Other community services</b>									
Welfare centre manager	304	209	123	61	59	29	41	7	833
Social worker	2,469	2,796	1,300	911	1,183	229	168	74	9,130
Community worker	5,384	4,477	2,843	1,794	1,449	440	341	378	17,106
Rehabilitation counsellor	623	287	164	137	175	74	37	22	1,519
Drug & alcohol counsellor	429	338	94	122	38	3	17	37	1,078
Welfare associate professional, nfd	103	88	63	94	74	54	33	7	516
Parole or probation officer	480	176	124	143	73	41	30	43	1,110
Refuge worker	123	31	42	110	15	11	12	28	372
Social security inspector	2,769	2,038	1,901	980	864	438	152	160	9,302
<i>Total</i>	<i>12,684</i>	<i>10,440</i>	<i>6,654</i>	<i>4,352</i>	<i>3,930</i>	<i>1,319</i>	<i>831</i>	<i>756</i>	<i>40,966</i>
<b>Total</b>	<b>70,485</b>	<b>62,514</b>	<b>46,171</b>	<b>22,520</b>	<b>20,527</b>	<b>6,730</b>	<b>5,084</b>	<b>3,042</b>	<b>237,073</b>

Note: Does not include those whose sex was not stated.

Source: ABS, Census Of Population And Housing, 2001.

**Table A.12: Persons employed in health occupations per 100,000 population: states and territories, 2001**

Occupation	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Persons</b>									
<b>Medical workers</b>									
Medical administrator	23	19	18	17	14	14	37	34	20
Medical practitioner, nfd	1	2	2	1	2	2	1	—	2
Generalist medical practitioner	157	153	143	144	167	149	176	156	153
Medical practitioner in training	15	15	12	13	15	21	27	22	14
Specialist medical practitioner, nfd	5	5	5	4	6	2	6	2	5
Anaesthetist	11	11	11	12	14	13	10	6	11
Dermatologist	2	1	1	1	2	—	1	—	1
Emergency medicine specialist	2	2	2	2	2	1	2	2	2
Obstetrician & gynaecologist	4	4	4	4	5	5	4	5	4
Ophthalmologist	2	3	2	2	3	2	3	3	2
Paediatrician	5	4	4	4	5	3	5	9	4
Pathologist	7	5	6	5	7	5	12	2	6
Specialist physician	10	11	9	10	13	8	14	7	10
Psychiatrist	9	13	9	11	13	8	8	7	11
Radiologist	7	7	7	8	8	9	8	3	7
Surgeon	17	18	16	16	21	15	17	12	17
Specialist medical practitioner, nec	3	2	2	2	4	1	6	3	3
<i>Total</i>	279	274	251	255	299	256	336	274	272
<b>Medical imaging workers</b>									
Medical diagnostic radiographer	30	27	27	29	33	29	30	23	29
Radiation therapist	4	5	5	3	5	7	5	—	4
Nuclear medicine technologist	3	3	2	3	3	2	3	—	2
Sonographer	9	6	8	6	6	5	10	4	7
<i>Total</i>	45	41	41	41	46	42	48	27	43
<b>Dental workers</b>									
Dentist	41	37	37	41	43	23	50	31	39
Dental specialist	4	4	5	5	6	3	8	—	4
Dental associate professional, nfd	—	—	—	—	—	—	—	—	—
Dental therapist	3	3	10	15	8	11	5	7	6
Dental hygienist	2	2	2	4	7	—	6	3	2
Dental technician	14	15	16	19	15	17	18	7	15
Dental assistants	65	63	75	74	79	52	87	43	68
<i>Total</i>	128	124	145	157	157	106	174	90	135
<b>Nursing workers</b>									
Director of nursing	17	13	15	9	14	15	7	14	14
Nursing professional, nfd	2	6	2	3	2	5	4	3	3
Nurse manager	40	59	23	30	26	42	25	21	39
Nurse educator	11	11	8	10	7	7	11	16	10
Nurse researcher	3	5	2	5	6	4	3	2	4
Registered nurse	688	799	743	679	831	821	692	706	740
Registered midwife	52	64	56	69	82	76	71	96	61
Registered mental health nurse	27	39	31	42	49	38	32	25	34
Registered developmental disability Nurse	5	4	1	1	2	2	—	—	3
Enrolled nurse	100	88	95	105	181	88	89	100	102
Personal care assistant	91	187	125	186	214	251	93	122	144
Nursing assistant	160	52	162	121	61	74	87	14	117
<i>Total</i>	1,196	1,327	1,262	1,259	1,475	1,423	1,113	1,117	1,272

(continued)

**Table A.12 (continued): Persons employed in health occupations per 100,000 population: states and territories, 2001**

Occupation	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Persons</b>									
<b>Pharmacist workers</b>									
Hospital pharmacist	7	8	7	8	8	10	10	3	7
Industrial pharmacist	2	5	2	1	2	—	4	—	3
Retail pharmacist	66	64	60	64	60	66	61	35	63
<i>Total</i>	<i>74</i>	<i>77</i>	<i>68</i>	<i>74</i>	<i>69</i>	<i>76</i>	<i>75</i>	<i>38</i>	<i>73</i>
<b>Allied health workers</b>									
Occupational therapist	27	29	24	40	26	26	28	27	28
Optometrist	15	14	15	13	11	13	14	10	14
Physiotherapist	54	53	48	60	64	49	65	42	54
Speech pathologist	14	17	16	17	19	15	12	13	16
Podiatrist	8	12	7	10	14	10	11	2	9
Dietitian	12	10	8	8	10	7	24	14	11
Audiologist	4	5	4	4	4	3	5	5	4
Orthoptist	3	4	1	1	—	1	3	—	2
Orthotist	2	3	1	2	2	3	2	2	2
Health professional, nec	13	12	18	3	17	21	11	4	13
Clinical psychologist	41	47	31	43	31	27	58	30	40
Therapy aide	10	13	12	32	20	22	7	9	14
<i>Total</i>	<i>203</i>	<i>218</i>	<i>183</i>	<i>234</i>	<i>218</i>	<i>198</i>	<i>238</i>	<i>157</i>	<i>207</i>
<b>Complementary therapies</b>									
Chiropractor	11	13	9	9	14	5	9	5	11
Osteopath	3	4	1	1	—	3	4	2	2
Naturopath	11	13	17	13	14	10	14	6	13
Acupuncturist	5	2	5	1	2	1	4	—	4
Natural therapy professional, nec	3	3	2	3	2	1	3	—	3
Natural remedy consultant	11	15	11	15	9	10	10	9	12
<i>Total</i>	<i>43</i>	<i>50</i>	<i>45</i>	<i>42</i>	<i>42</i>	<i>30</i>	<i>44</i>	<i>21</i>	<i>44</i>
<b>Other health</b>									
Anatomist or physiologist	3	2	3	5	2	2	7	3	3
Medical scientist	53	75	48	60	62	42	64	30	59
Biomedical engineer	3	4	2	2	3	2	3	3	3
Health information manager	4	8	4	2	2	3	7	3	5
Occupational health & safety officer	16	19	20	17	21	20	31	25	18
Environmental health officer	15	12	27	21	12	20	20	35	17
Medical technical officer	67	70	79	91	80	50	72	68	73
Ambulance officer	31	8	12	6	13	13	8	21	17
Intensive care ambulance paramedic	6	26	32	12	20	15	20	15	18
Indigenous health worker	2	1	6	9	7	3	1	118	5
Massage therapist	26	27	28	18	23	21	43	19	26
Primary products inspector	13	12	18	19	14	25	25	29	15
Safety inspector	20	20	30	37	24	23	25	30	24
Admission clerk	19	27	14	31	22	29	23	25	22
Weight loss consultant	4	4	4	5	4	4	5	4	4
<i>Total</i>	<i>282</i>	<i>313</i>	<i>326</i>	<i>335</i>	<i>308</i>	<i>270</i>	<i>352</i>	<i>426</i>	<i>307</i>
<b>Total</b>	<b>2,249</b>	<b>2,424</b>	<b>2,320</b>	<b>2,397</b>	<b>2,614</b>	<b>2,401</b>	<b>2,378</b>	<b>2,150</b>	<b>2,353</b>

Source: ABS, Census Of Population And Housing, 2001.