

# **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
<b>Males</b>									
<b>Medical workers</b>									
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>
<b>Medical imaging workers</b>									
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>
<b>Dental workers</b>									
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>
<b>Nursing workers</b>									
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
<b>Males</b>									
<b>Pharmacist workers</b>									
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>
<b>Allied health workers</b>									
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>
<b>Other health</b>									
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>
<b>Total males</b>	<b>36,652</b>	<b>25,248</b>	<b>20,347</b>	<b>9,405</b>	<b>10,317</b>	<b>2,732</b>	<b>996</b>	<b>1,719</b>	<b>107,416</b>

(continued)

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

Occupation	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
<b>Females</b>									
<b>Medical workers</b>									
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>
<b>Medical imaging workers</b>									
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>
<b>Dental workers</b>									
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>
<b>Nursing workers</b>									
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
<b>Females</b>									
<b>Pharmacist workers</b>									
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>
<b>Allied health workers</b>									
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>
<b>Other health</b>									
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>
<b>Total females</b>	<b>98,453</b>	<b>74,772</b>	<b>51,593</b>	<b>28,035</b>	<b>28,115</b>	<b>8,079</b>	<b>2,586</b>	<b>4,711</b>	<b>296,344</b>

(continued)

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

Occupation	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
<b>Persons</b>									
<b>Medical workers</b>									
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>
<b>Medical imaging workers</b>									
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>
<b>Dental workers</b>									
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>
<b>Nursing workers</b>									
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
<b>Persons</b>									
<b>Pharmacist workers</b>									
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>
<b>Allied health workers</b>									
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>
<b>Other health</b>									
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>
<b>Total</b>	<b>135,233</b>	<b>100,085</b>	<b>72,015</b>	<b>37,470</b>	<b>38,504</b>	<b>10,826</b>	<b>3,582</b>	<b>6,433</b>	<b>404,148</b>

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
<b>Medical workers</b>									
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>
<b>Medical imaging workers</b>									
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>
<b>Dental workers</b>									
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>
<b>Nursing workers</b>									
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
<b>Pharmacist workers</b>									
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>
<b>Allied health workers</b>									
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>
<b>Other health</b>									
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>
<b>Total</b>	<b>2,251.6</b>	<b>2,267.3</b>	<b>2,217.6</b>	<b>2,607.2</b>	<b>2,257.0</b>	<b>2,330.5</b>	<b>2,042.9</b>	<b>2,151.2</b>	<b>2,276.9</b>

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
<b>Males</b>							
<b>Medical workers</b>							
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>
<b>Medical imaging workers</b>							
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>
<b>Dental workers</b>							
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>
<b>Nursing workers</b>							
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
<b>Males</b>							
<b>Pharmacist workers</b>							
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>
<b>Allied health workers</b>							
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>
<b>Other health workers</b>							
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>
<b>Total (males)</b>	<b>6,809</b>	<b>26,623</b>	<b>33,738</b>	<b>24,226</b>	<b>11,764</b>	<b>4,442</b>	<b>107,602</b>

(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
<b>Females</b>							
<b>Medical workers</b>							
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>
<b>Medical imaging workers</b>							
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>
<b>Dental workers</b>							
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>
<b>Nursing workers</b>							
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
<b>Females</b>							
<b>Pharmacist workers</b>							
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>
<b>Allied health workers</b>							
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>
<b>Other health workers</b>							
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>
<b>Total (females)</b>	<b>32,117</b>	<b>80,625</b>	<b>97,733</b>	<b>64,756</b>	<b>19,233</b>	<b>1,897</b>	<b>296,361</b>

(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
<b>Persons</b>							
<b>Medical workers</b>							
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>
<b>Medical imaging workers</b>							
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>
<b>Dental workers</b>							
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>
<b>Nursing workers</b>							
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
<b>Persons</b>							
<b>Pharmacist workers</b>							
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>
<b>Allied health workers</b>							
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>
<b>Other health workers</b>							
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>
<b>Total (persons)</b>	<b>38,926</b>	<b>107,248</b>	<b>131,471</b>	<b>88,982</b>	<b>30,997</b>	<b>6,339</b>	<b>403,963</b>

Source: ABS.

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

<b>Occupation</b>	<b>Private sector</b>	<b>Public sector</b>	<b>Not stated</b>	<b>Total</b>	<b>% public sector</b>
<b>Medical workers</b>					
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>
<b>Medical imaging workers</b>					
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>
<b>Dental workers</b>					
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>
<b>Nursing workers</b>					
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**

<b>Occupation</b>	<b>Private sector</b>	<b>Public sector</b>	<b>Not stated</b>	<b>Total</b>	<b>% public sector</b>
<b>Pharmacist workers</b>					
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>
<b>Allied health workers</b>					
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>
<b>Other health workers</b>					
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>
<b>Total</b>	<b>236,595</b>	<b>163,263</b>	<b>4,127</b>	<b>403,985</b>	<b>40.4</b>

Source: ABS.

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

<b>Occupation</b>	<b>1986</b>	<b>1991</b>	<b>1996</b>	<b>% increase 1986-91</b>	<b>% increase 1991-96</b>
<b>Health diagnosis &amp; treatment practitioners</b>					
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>
<b>Nurses</b>					
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>
<b>Health related occupations</b>					
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>
<b>Total</b>	<b>266,847</b>	<b>285,556</b>	<b>306,660</b>	<b>7.0</b>	<b>7.4</b>

Source: ABS.

**Table 7: Persons employed in selected health occupations<sup>(a)</sup>: 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
<b>New South Wales</b>								
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>
<b>Victoria</b>								
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>
<b>Queensland</b>								
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>
<b>South Australia</b>								
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<sup>(a)</sup>: 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
<b>Western Australia</b>								
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>
<b>Tasmania</b>								
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>
<b>Northern Territory</b>								
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>
<b>Australian Capital Territory</b>								
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>
<b>Total Australia</b>	<b>44,006</b>	<b>9,138</b>	<b>188,056</b>	<b>11,600</b>	<b>34,526</b>	<b>16,018</b>	<b>303,344</b>	<b>17,749,810</b>

(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<sup>(a)</sup> 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
<b>New South Wales</b>							
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>
<b>Victoria</b>							
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>
<b>Queensland</b>							
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>
<b>South Australia</b>							
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<sup>(a)</sup> 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
<b>Western Australia</b>							
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>
<b>Tasmania</b>							
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>
<b>Northern Territory</b>							
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>
<b>Australian Capital Territory</b>							
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>
<b>Total Australia</b>	<b>247.9</b>	<b>51.5</b>	<b>1,059.5</b>	<b>65.4</b>	<b>194.5</b>	<b>90.2</b>	<b>1,709.0</b>

(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
<b>Medical workers</b>					
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>
<b>Medical imaging workers</b>					
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>
<b>Dental workers</b>					
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>
<b>Nursing workers</b>					
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
<b>Pharmacist workers</b>					
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	—
<b>Allied health workers</b>					
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
<b>Other health occupations</b>					
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
<b>Total</b>	<b>3,031</b>	<b>374,234</b>	<b>2,034</b>	<b>379,299</b>	<b>0.8</b>

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
<b>Males</b>									
<b>Medical workers</b>									
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>
<b>Medical imaging workers</b>									
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>
<b>Dental workers</b>									
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>
<b>Nursing workers</b>									
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 <sup>(a)</sup>	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>
<b>Pharmacist workers</b>									
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>
<b>Allied health workers</b>									
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>
<b>Other health workers</b>									
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
<b>Females</b>									
<b>Medical workers</b>									
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>
<b>Medical imaging workers</b>									
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>
<b>Dental workers</b>									
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>
<b>Nursing workers</b>									
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 <sup>(a)</sup>	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>
<b>Pharmacist workers</b>									
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>
<b>Allied health workers</b>									
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>
<b>Other health workers</b>									
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	Not	Total
							more	stated	
<b>Persons</b>									
<b>Medical workers</b>									
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>
<b>Medical imaging workers</b>									
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>
<b>Dental workers</b>									
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>
<b>Nursing workers</b>									
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 <sup>(a)</sup>	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>
<b>Pharmacist workers</b>									
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>
<b>Allied health workers</b>									
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>
<b>Other health workers</b>									
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>
<b>Total</b>	<b>17,918</b>	<b>28,244</b>	<b>53,044</b>	<b>52,454</b>	<b>61,134</b>	<b>93,330</b>	<b>35,955</b>	<b>3,290</b>	<b>345,369</b>

(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
<b>Medical workers</b>								
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>
<b>Medical imaging workers</b>								
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>
<b>Dental workers</b>								
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>
<b>Nursing workers</b>								
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 <sup>(a)</sup>	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>
<b>Pharmacist workers</b>								
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>
<b>Allied health workers</b>								
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>
<b>Other health workers</b>								
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>
<b>Total</b>	<b>751</b>	<b>18,893</b>	<b>67,381</b>	<b>163,048</b>	<b>63,281</b>	<b>27,091</b>	<b>4,933</b>	<b>345,378</b>

(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
<b>1991</b>									
<b>Medicine</b>									
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>
<b>Nursing</b>									
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>
<b>Dental studies</b>									
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>
<b>Other health</b>									
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>
<b>Total</b>	<b>169,006</b>	<b>134,259</b>	<b>86,048</b>	<b>47,919</b>	<b>51,250</b>	<b>13,919</b>	<b>5,244</b>	<b>9,542</b>	<b>517,187</b>

(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
<b>1996</b>									
<b>Medicine</b>									
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>
<b>Nursing</b>									
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>
<b>Dental studies</b>									
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>
<b>Other health</b>									
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>
<b>Total</b>	<b>187,322</b>	<b>144,952</b>	<b>96,483</b>	<b>50,243</b>	<b>55,796</b>	<b>14,494</b>	<b>4,827</b>	<b>10,403</b>	<b>564,520</b>

(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
<b>Per cent increase, 1991 to 1996</b>									
<b>Medicine</b>									
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>
<b>Nursing</b>									
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>
<b>Dental studies</b>									
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>
<b>Other health</b>									
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>
<b>Total</b>	<b>10.8</b>	<b>8.0</b>	<b>12.1</b>	<b>4.8</b>	<b>8.9</b>	<b>4.1</b>	<b>-8.0</b>	<b>9.0</b>	<b>9.2</b>

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								
<b>Before 1981</b>											
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>		
<b>1981–1985</b>											
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>		
<b>1986–1990</b>											
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							
<b>1991–1995</b>										
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>	
<b>Not stated</b>										
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>	
<b>Total employed</b>										
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	
<b>Total</b>	<b>6,353</b>	<b>2,010</b>	<b>26,023</b>	<b>9,702</b>	<b>1,999</b>	<b>19,170</b>	<b>2,944</b>	<b>3,767</b>	<b>71,968</b>	

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
<b>Medical workers</b>											
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>
<b>Medical imaging workers</b>											
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>
<b>Dental workers</b>											
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>
<b>Nursing workers</b>											
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>
<b>Pharmacist workers</b>											
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)		
<b>Allied health workers</b>											
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>
<b>Other health occupations</b>											
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>
<b>Total</b>	<b>292,703</b>	<b>9,992</b>	<b>3,510</b>	<b>39,478</b>	<b>16,730</b>	<b>2,831</b>	<b>25,578</b>	<b>4,807</b>	<b>4,923</b>	<b>3,432</b>	<b>403,984</b>

Source: ABS.

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

<b>Industry</b>	<b>Medical workers</b>	<b>Imaging workers</b>	<b>Dental workers</b>	<b>Nursing workers</b>	<b>Pharmacist workers</b>	<b>Allied health workers</b>	<b>Other health workers</b>	<b>Total</b>
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
<b>Total</b>	<b>44,010</b>	<b>6,748</b>	<b>9,136</b>	<b>233,339</b>	<b>11,601</b>	<b>31,073</b>	<b>9,469</b>	<b>345,376</b>

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
<b>New South Wales</b>													
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>
<b>Victoria</b>													
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>
<b>Queensland</b>													
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>
<b>South Australia</b>													
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
<b>Western Australia</b>													
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>
<b>Tasmania</b>													
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>
<b>Northern Territory</b>													
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>
<b>Australian Capital Territory</b>													
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>
<b>Total</b>	<b>230,345</b>	<b>80,443</b>	<b>57,166</b>	<b>20,876</b>	<b>24,843</b>	<b>10,857</b>	<b>8,228</b>	<b>7,077</b>	<b>31,869</b>	<b>6,702</b>	<b>4,378</b>	<b>53,367</b>	<b>536,151</b>

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
<b>Managers &amp; administrators</b>													
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
<b>Professionals</b>													
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
<b>Associate professionals</b>													
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
<b>Tradespersons &amp; related workers</b>													
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
<b>Advanced clerical &amp; service workers</b>													
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
<b>Intermediate clerical, sales &amp; service workers</b>													
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
<b>Intermediate production &amp; transport workers</b>													
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
<b>Elementary clerical, sales &amp; service workers</b>													
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
<b>Labourers &amp; related workers</b>													
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
<b>Total</b>	<b>230,832</b>	<b>80,045</b>	<b>57,238</b>	<b>20,923</b>	<b>24,870</b>	<b>10,883</b>	<b>8,214</b>	<b>7,076</b>	<b>31,916</b>	<b>6,699</b>	<b>4,378</b>	<b>53,517</b>	<b>536,591</b>

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
<b>Total</b>	<b>230,821</b>	<b>80,563</b>	<b>57,227</b>	<b>20,919</b>	<b>24,908</b>	<b>10,871</b>	<b>8,251</b>	<b>7,076</b>	<b>31,926</b>	<b>6,705</b>	<b>4,399</b>	<b>53,528</b>	<b>537,194</b>

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
<b>Medical workers</b>										
Medical administrator	268	110	535	186	69	32	91	33	113	1,437
<b>Medical imaging workers</b>										
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
<b>Dental workers</b>										
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
<b>Nursing workers</b>										
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
<b>Pharmacist workers</b>										
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
<b>Allied health workers</b>										
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
<b>Other health occupations</b>										
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
<b>Total</b>	<b>11,771</b>	<b>12,666</b>	<b>99,186</b>	<b>83,357</b>	<b>13,406</b>	<b>8,462</b>	<b>30,506</b>	<b>9,122</b>	<b>21,731</b>	<b>290,207</b>

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
<b>Total</b>	<b>3,307</b>	<b>10,209</b>	<b>13,516</b>	<b>3,483</b>	<b>12,952</b>	<b>16,435</b>	<b>4,113</b>	<b>15,142</b>	<b>19,255</b>	<b>4,258</b>	<b>16,187</b>	<b>20,445</b>	<b>4,791</b>	<b>17,577</b>	<b>22,368</b>	<b>5,018</b>	<b>17,734</b>	<b>22,752</b>

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
<b>Total</b>	<b>359</b>	<b>43</b>	<b>471</b>	<b>186</b>	<b>75</b>	<b>233</b>	<b>112</b>	<b>76</b>	<b>37</b>	<b>141</b>	<b>119</b>	<b>137</b>	<b>35</b>	<b>1</b>	<b>2,025</b>

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
<b>Total</b>	<b>161</b>	<b>9</b>	<b>184</b>	<b>27</b>	<b>16</b>	<b>9</b>	<b>38</b>	<b>2</b>	<b>9</b>	<b>13</b>	<b>44</b>	<b>2</b>	<b>3</b>	<b>517</b>

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	Philip-pines	Singa-pore	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
<b>Total</b>	<b>173</b>	<b>10</b>	<b>172</b>	<b>32</b>	<b>26</b>	<b>7</b>	<b>20</b>	<b>2</b>	<b>11</b>	<b>17</b>	<b>97</b>	<b>2</b>	<b>2</b>	<b>571</b>

Source: AIHW analysis of DIMA data.