

4 Specialists and specialists-in-training

4.1 Specialists

A specialist is a medical practitioner with a qualification awarded by, or which equates to that awarded by, the relevant specialist professional college in Australia. The features of specialists in 1995 included the following.

- In 1995, there were 15,318 specialists, of whom 13,175 (86.0%) were male and 2,143 (14.0%) were female. Specialists made up 33.2% of all clinicians and 31.3% of all medical practitioners employed in medicine.
- There were 84.3 specialists per 100,000 population in Australia in 1995. This provision varied across States and Territories, from a high of 112.0 per 100,000 in the Australian Capital Territory to a low of 70.4 in Queensland.
- More than half (56.4%) of female specialists were younger than 45 years of age, 38.3% were aged 45–64 years and the remaining 5.2% were aged 65 years and over. In contrast, only 35.6% of male specialists were younger than 45 years of age, 53.5% were aged 45–64 years and 10.9% were aged 65 years and over.
- Almost one-third (31.4%) of female specialists worked fewer than 35 hours per week, compared with only 11.9% of male specialists.
- The main job of 43.9% of female specialists was in private rooms and the main job of a further 39.5% was in publicly operated acute care hospitals. Male specialists were more likely to practise in private rooms (59.0%) and less likely to practise in publicly operated acute care hospitals (27.9%).
- 87.5% of specialists practised in their main job in major urban centres, 12.2% practised in rural areas and the remaining 0.3% practised in remote areas. In comparison, the population distribution was 70.6% in major urban centres, 26.2% in rural areas and 3.1% in remote areas.
- 85.8% of specialists practised in major urban areas only, 11.9% practised in rural areas only, 1.8% practised in major urban areas mainly but also in rural areas in second or third jobs, and 0.5% practised in rural areas mainly but also in a major urban centre in second or third jobs.
- 80.9% of specialists had obtained their initial medical qualifications in Australia. The remainder had obtained their initial qualification in the United Kingdom or Ireland (8.0%), Asia (4.5%), New Zealand (2.9%) and other countries (3.6%).

Specialty of qualification

- Of the 13,175 male specialists, the five largest specialty qualification groups were anaesthetists (11.5%), psychiatrists (11.1%), general surgeons (7.5%), obstetricians and gynaecologists (6.8%) and diagnostic radiologists (6.4%). For the 2,143 female specialists, the largest groups were psychiatrists (21.2%), anaesthetists (15.5%), paediatric medicine (7.0%), diagnostic radiologists (6.3%) and obstetricians and gynaecologists (5.5%). Only 1.4% of female specialists were specialists in general surgery.
- Of the specialties, psychiatry and anaesthesia had the highest rates of provision with 10.5 practitioners and 10.2 practitioners per 100,000 population respectively.
- The 15,318 specialists had gained 18,049 specialty qualifications. The specialties most likely to have been gained in a second or third qualification were general medicine (598), intensive care (131), general surgery (120), haematology (115) and cytopathology (112).

Specialty of practice

- For most specialists (94.6%), their main specialty of qualification was the same as their main specialty of practice.
- Less than 90% of those with a main qualification in the following specialties were practising in that specialty: general pathology (67.4% practising), clinical pharmacology (68.4%), general medicine (74.8%), clinical haematology (83.4%), clinical immunology (85.7%), infectious diseases (87.1%) and paediatric medicine (88.4%).
- The five largest specialties of practice were psychiatry (12.3%), anaesthesia (11.6%), diagnostic radiology (6.6%), obstetrics and gynaecology (6.4%) and general surgery (6.3%).
- The specialties of psychiatry and anaesthesia had the highest number of providers per 100,000 population with 10.3 and 9.8 respectively.
- Of the 15,318 specialists, 1,668 were practising in two specialty fields and 398 were practising in three specialty fields. The specialties in which specialists were most likely to have their second or third field of practice were general medicine (478), intensive care (157) and cytopathology (130).

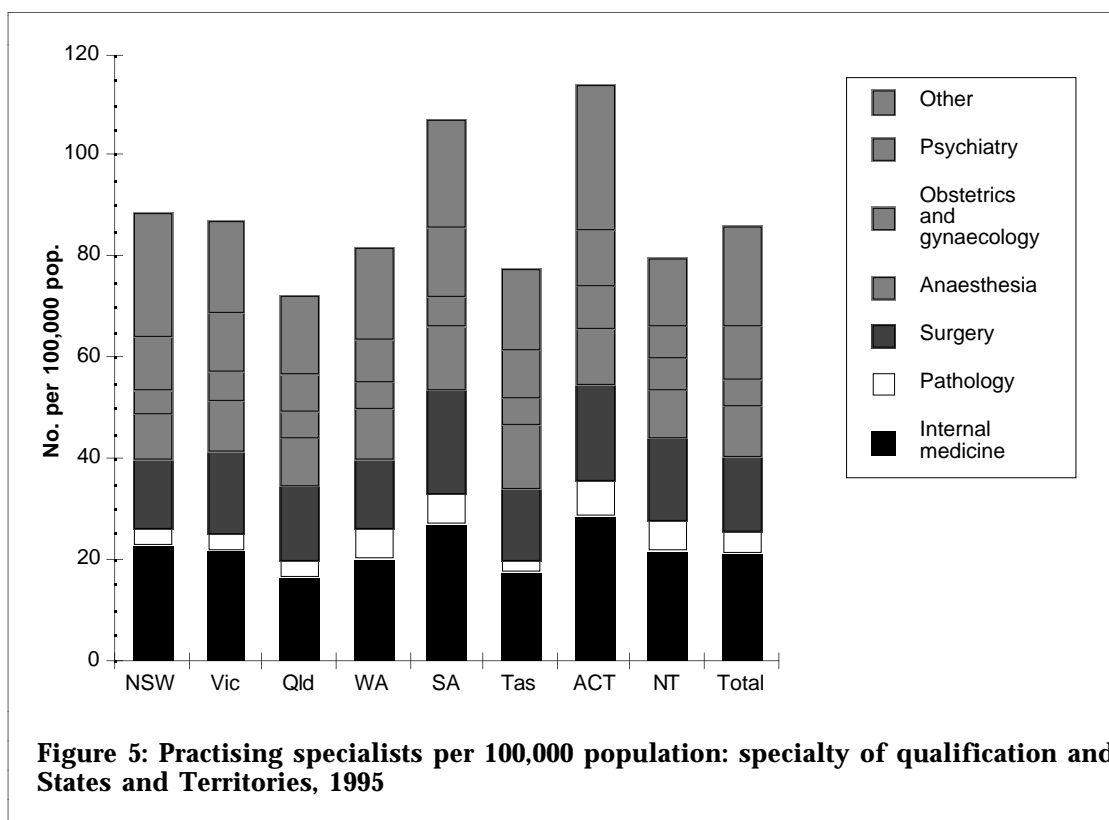


Table 26: Specialists: total hours worked per week, age and sex, Australia, 1995

Hours worked	Age (years)						Total	%
	25–	35–44	45–54	55–64	65–74	75+		
Males								
1–19	14	33	57	90	334	95	622	4.7
20–34	23	149	158	242	298	80	950	7.2
35–49	193	1,030	1,082	783	304	56	3,448	26.2
50–64	250	1,922	2,187	1,096	191	14	5,660	43.0
65–79	86	659	642	263	40	2	1,692	12.9
80+	39	295	322	129	22	0	805	6.1
<i>Total</i>	<i>605</i>	<i>4,087</i>	<i>4,447</i>	<i>2,602</i>	<i>1,189</i>	<i>247</i>	<i>13,175</i>	<i>100.0</i>
Females								
1–19	19	79	33	31	55	6	221	10.3
20–34	45	227	118	44	17	2	453	21.1
35–49	94	337	226	89	17	4	766	35.8
50–64	76	234	150	70	9	0	540	25.2
65–79	7	54	30	9	2	0	102	4.8
80+	7	31	16	6	0	0	59	2.8
<i>Total</i>	<i>248</i>	<i>961</i>	<i>573</i>	<i>249</i>	<i>100</i>	<i>11</i>	<i>2,143</i>	<i>100.0</i>
Persons								
1–19	33	112	90	120	388	100	844	5.5
20–34	68	376	276	286	315	82	1,403	9.2
35–49	287	1,367	1,308	872	321	59	4,214	27.7
50–64	326	2,156	2,337	1,166	201	14	6,200	40.7
65–79	93	712	672	272	42	2	1,794	11.8
80+	46	325	337	135	22	0	865	5.7
Total	853	5,048	5,020	2,851	1,289	258	15,318	100.0

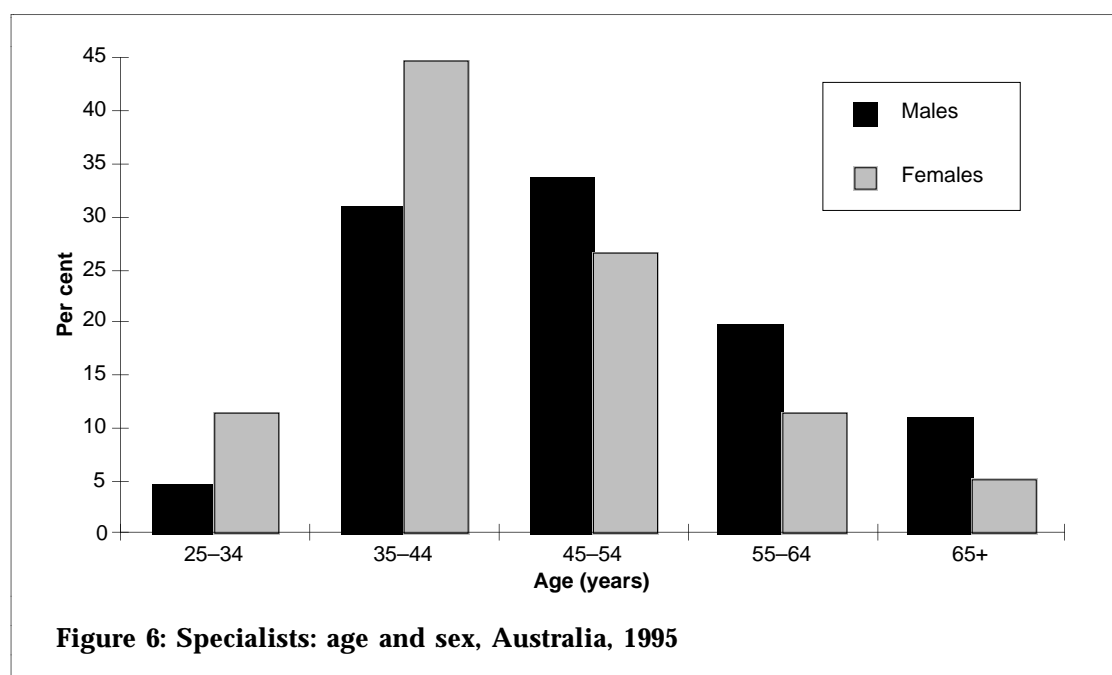


Figure 6: Specialists: age and sex, Australia, 1995

Table 27: Specialists: work setting, age and sex, Australia, 1995

Work setting of main job	Age (years)						Total
	25–34	35–44	45–54	55–64	65–74	75+	
Males							
Private rooms	215	2,105	2,730	1,624	866	208	7,779
Publicly operated:							
Acute care hospital	287	1,460	1,174	631	131	20	3,672
Residential health care facility	0	4	5	3	1	0	13
Aboriginal health service	2	1	3	1	0	0	6
Other non-residential health care	3	35	64	35	21	2	163
Tertiary education institution	44	129	125	89	25	0	408
Defence forces	0	3	5	4	5	0	17
Other government	19	51	43	49	21	0	182
Other public	10	18	15	14	18	2	75
Privately operated:							
Acute care hospital	19	209	202	107	46	5	588
Residential health care facility	0	0	3	0	0	0	3
Aboriginal health service	0	3	4	0	0	0	6
Other non-residential health care facility	0	20	34	8	18	3	83
Tertiary education institution	0	1	1	0	1	0	4
Other private	6	49	40	38	35	9	177
Total	605	4,087	4,447	2,602	1,189	247	13,175
Females							
Private rooms	74	402	276	112	65	11	941
Publicly operated:							
Acute care hospital	127	401	214	91	15	0	847
Residential health care facility	0	0	3	0	2	0	5
Aboriginal health service	0	0	3	0	0	0	3
Other non-residential health care	8	38	15	20	5	0	87
Tertiary education institution	20	37	10	6	0	0	73
Defence forces	0	0	1	0	0	0	1
Other government	5	10	8	6	0	0	29
Other public	0	1	4	5	0	0	10
Privately operated:							
Acute care hospital	10	52	20	8	7	0	97
Residential health care facility	0	0	0	2	0	0	2
Aboriginal health service	0	1	0	0	0	0	1
Other non-residential health care facility	0	7	7	2	2	0	17
Tertiary education institution	0	0	0	0	0	0	0
Other private	3	11	11	0	4	0	30
Total	248	961	573	249	100	11	2,143
Persons							
Private rooms	290	2,507	3,005	1,736	932	219	8,720
Publicly operated:							
Acute care hospital	413	1,861	1,388	722	146	20	4,518
Residential health care facility	0	4	8	3	3	0	18
Aboriginal health service	2	1	5	1	0	0	9
Other non-residential health care facility	1	73	80	55	27	2	250
Tertiary education institution	65	165	135	95	25	0	481
Defence forces	0	3	6	4	5	0	18
Other government	24	61	51	55	21	0	211
Other public	10	20	19	18	18	2	85
Privately operated:							
Acute care hospital	29	261	222	114	54	5	685
Residential health care facility	0	0	3	2	0	0	4
Aboriginal health service	0	4	4	0	0	0	8
Other non-residential health care facility	0	27	41	9	19	3	100
Tertiary education institution	0	1	1	0	1	0	4
Other private	10	60	52	38	39	9	206
Total	853	5,048	5,020	2,851	1,289	258	15,318

Specialty of qualification

Table 28: Specialists: main specialty of qualification, sex, States and Territories, 1995

Main specialty of qualification	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
	Males								
Cardiology	176	94	65	24	43	10	10	0	421
Clinical haematology	42	28	22	6	17	4	5	0	123
Clinical immunology	34	15	19	8	6	0	5	0	87
Clinical pharmacology	7	3	0	2	0	0	0	0	12
Endocrinology	61	51	22	12	16	4	3	0	169
Gastroenterology	110	79	52	28	36	9	10	0	322
General medicine	141	168	115	59	79	13	19	13	607
Geriatrics	58	46	10	12	9	3	2	0	140
Infectious diseases	21	21	10	2	8	0	2	3	66
Medical oncology	42	36	11	14	12	2	2	0	119
Neurology	102	69	26	32	17	3	3	0	253
Nuclear medicine	54	15	10	8	8	1	6	0	102
Paediatric medicine	189	140	108	56	71	12	13	19	608
Renal medicine	48	28	17	10	17	3	2	0	124
Rheumatology	63	39	14	18	21	4	2	0	161
Thoracic medicine	82	47	28	28	21	2	5	0	213
General pathology	46	29	15	8	11	1	4	5	119
Anatomical pathology	54	51	44	38	43	6	3	0	240
Clinical chemistry	10	12	12	10	8	0	2	0	53
Cytopathology	4	0	0	2	0	0	0	0	6
Forensic pathology	6	3	0	2	0	0	0	0	11
Haematology	15	11	7	6	2	1	0	0	42
Immunology	6	1	0	0	2	0	0	0	9
Microbiology	17	14	1	6	5	1	3	0	48
General surgery	281	281	191	76	105	24	16	12	986
Cardiothoracic surgery	19	27	13	6	3	0	5	0	74
Neurosurgery	32	22	21	4	12	3	5	2	101
Orthopaedic surgery	207	145	116	67	75	17	16	3	646
Paediatric surgery	17	18	12	6	6	2	2	0	62
Plastic surgery	54	49	29	22	20	4	3	2	183
Urology	66	50	43	10	17	6	5	0	197
Vascular surgery	36	29	19	8	16	1	0	0	109
Anaesthesia	485	366	242	157	160	57	29	15	1,513
Dermatology	74	49	32	18	21	4	3	2	203
Diagnostic radiology	308	195	132	91	72	21	22	2	843
Emergency medicine	62	50	31	22	4	6	3	3	182
Intensive care	69	25	13	16	17	5	5	0	149
Medical administration	44	9	3	4	0	0	0	0	60
Obstetrics and	303	224	153	75	81	23	26	11	895
Occupational medicine	85	12	2	8	7	1	2	0	117
Ophthalmology	226	163	101	56	63	12	8	6	636
Otolaryngology (ENT)	99	71	45	36	29	7	6	7	300
Psychiatry	517	411	199	119	143	37	26	11	1,462
Public health medicine	14	0	1	4	3	1	2	0	26
Radiation oncology	33	20	14	6	6	5	5	0	89
Rehabilitation	77	26	9	7	10	2	3	2	136
Other	89	32	9	6	7	2	7	0	152
Total	4,581	3,273	2,040	1,214	1,331	319	298	119	13,175

(continued)

Table 28 (continued): Specialists: main specialty of qualification, sex and States and Territories, 1995

Main specialty of qualification	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Female									
Cardiology	9	12	1	2	0	1	1	0	27
Clinical haematology	12	7	4	0	5	0	0	0	28
Clinical immunology	4	0	0	0	0	0	0	0	4
Clinical pharmacology	1	1	0	0	4	0	0	0	7
Endocrinology	15	13	1	2	0	1	0	3	36
Gastroenterology	7	6	4	0	4	0	2	0	23
General medicine	12	13	9	8	3	1	0	2	49
Geriatrics	13	9	7	2	5	1	1	2	41
Infectious diseases	6	13	1	2	2	1	0	0	27
Medical oncology	10	2	0	2	0	1	0	0	15
Neurology	9	9	6	0	2	0	0	0	25
Nuclear medicine	9	0	1	2	2	3	0	0	17
Paediatric medicine	62	41	12	14	13	5	3	0	149
Renal medicine	10	13	1	2	0	0	0	0	26
Rheumatology	9	9	3	0	2	0	1	0	25
Thoracic medicine	17	5	4	2	3	0	0	0	31
General pathology	6	4	1	4	2	0	2	0	19
Anatomical pathology	29	14	15	15	11	1	5	2	92
Clinical chemistry	0	1	0	0	3	0	0	0	5
Cytopathology	1	3	0	0	0	0	0	0	4
Forensic pathology	1	1	0	0	0	0	0	0	3
Haematology	3	4	6	2	3	1	0	0	20
Immunology	1	0	0	2	0	0	0	0	3
Microbiology	6	1	1	6	0	0	0	0	15
General surgery	6	16	3	2	0	1	0	2	30
Cardiothoracic surgery	0	5	0	0	0	0	0	0	5
Neurosurgery	1	3	0	0	0	0	0	0	4
Orthopaedic surgery	3	6	0	2	0	0	0	0	12
Paediatric surgery	0	0	1	0	2	0	0	0	3
Plastic surgery	5	10	3	2	2	0	2	0	23
Urology	1	2	0	0	2	0	0	0	5
Vascular surgery	2	1	0	0	0	0	0	0	4
Anaesthesia	102	90	71	27	30	3	7	2	333
Dermatology	36	14	17	2	10	0	0	0	79
Diagnostic radiology	53	25	15	21	12	5	4	0	135
Emergency medicine	19	12	4	2	2	0	0	0	39
Intensive care	20	0	1	0	2	0	2	0	25
Medical administration	5	0	0	0	0	0	0	0	5
Obstetrics and	23	44	14	18	13	3	4	0	118
Occupational medicine	3	4	0	0	0	0	0	0	8
Ophthalmology	25	22	10	6	7	1	0	0	71
Otolaryngology (ENT)	3	3	4	0	0	0	0	0	11
Psychiatry	146	135	61	27	67	8	8	1	454
Public health medicine	6	0	0	0	0	0	0	0	6
Radiation oncology	9	8	7	2	5	0	1	0	32
Rehabilitation	11	7	0	0	2	0	0	0	20
Other	21	9	1	4	0	0	0	0	35
Total	755	597	294	181	217	41	44	14	2,143

(continued)

Table 28 (continued): Specialists: main specialty of qualification, sex and States and Territories, 1995

Main specialty of qualification	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
	Person								
Cardiology	184	105	66	26	43	12	11	0	448
Clinical haematology	54	35	26	6	22	4	5	0	151
Clinical immunology	38	15	19	8	6	0	5	0	91
Clinical pharmacology	9	4	0	2	4	0	0	0	19
Endocrinology	76	64	23	14	16	6	3	3	205
Gastroenterology	117	85	56	28	40	9	11	0	346
General medicine	153	181	124	67	82	14	19	16	655
Geriatrics	71	56	17	14	14	5	3	2	181
Infectious diseases	27	34	11	4	11	1	2	3	93
Medical oncology	52	38	11	16	12	3	2	0	134
Neurology	111	78	32	32	19	3	3	0	278
Nuclear medicine	63	15	11	10	10	4	6	0	120
Paediatric medicine	251	181	120	70	84	17	16	19	757
Renal medicine	58	40	19	12	17	3	2	0	150
Rheumatology	72	48	17	18	24	4	3	0	186
Thoracic medicine	98	52	32	30	25	2	5	0	243
General pathology	52	33	17	12	12	1	5	5	138
Anatomical pathology	83	65	59	53	54	8	8	2	331
Clinical chemistry	10	13	12	10	11	0	2	0	57
Cytopathology	5	3	0	2	0	0	0	0	10
Forensic pathology	7	4	0	2	0	0	0	0	13
Haematology	19	15	13	8	5	3	0	0	62
Immunology	7	1	0	2	2	0	0	0	12
Microbiology	22	16	3	12	5	1	3	0	62
General surgery	286	297	194	78	105	25	16	14	1,015
Cardiothoracic surgery	19	32	13	6	3	0	5	0	78
Neurosurgery	34	25	21	4	12	3	5	2	105
Orthopaedic surgery	210	151	116	69	75	17	16	3	657
Paediatric surgery	17	18	14	6	8	2	2	0	65
Plastic surgery	58	59	32	24	22	4	5	2	207
Urology	67	51	43	10	20	6	5	0	202
Vascular surgery	38	30	19	8	16	1	0	0	113
Anaesthesia	587	456	314	184	191	61	36	17	1,846
Dermatology	110	63	49	20	30	4	3	2	282
Diagnostic radiology	361	220	147	113	84	25	26	2	978
Emergency medicine	81	62	36	24	5	6	3	3	221
Intensive care	89	25	14	16	19	5	6	0	174
Medical administration	49	9	3	4	0	0	0	0	65
Obstetrics and	326	268	167	93	93	26	30	11	1,014
Occupational medicine	88	16	2	8	7	1	2	0	124
Ophthalmology	250	185	111	62	70	14	8	6	706
Otolaryngology (ENT)	103	74	49	36	29	7	6	7	311
Psychiatry	662	545	261	147	210	45	34	12	1,916
Public health medicine	20	0	1	4	3	1	2	0	32
Radiation oncology	42	28	21	8	11	5	7	0	122
Rehabilitation	88	33	9	7	12	2	3	2	155
Other	110	41	10	10	7	2	7	0	186
Total	5,336	3,870	2,334	1,395	1,548	360	342	133	15,318

Table 29: Specialists per 100,000 population: main specialty of qualification and States and Territories, 1995

Main specialty of qualification	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Cardiology	3.0	2.3	2.0	1.5	2.9	2.5	3.6	0.0	2.5
Clinical haematology	0.9	0.8	0.8	0.4	1.5	0.9	1.6	0.0	0.8
Clinical immunology	0.6	0.3	0.6	0.5	0.4	0.0	1.7	0.0	0.5
Clinical pharmacology	0.1	0.1	0.0	0.1	0.3	0.0	0.0	0.0	0.1
Endocrinology	1.2	1.4	0.7	0.8	1.1	1.2	1.0	1.9	1.1
Gastroenterology	1.9	1.9	1.7	1.6	2.7	1.8	3.7	0.0	1.9
General medicine	2.5	4.0	3.7	3.8	5.6	3.0	6.2	8.8	3.6
Geriatrics	1.2	1.2	0.5	0.8	0.9	1.0	1.0	1.2	1.0
Infectious diseases	0.4	0.8	0.3	0.2	0.7	0.3	0.5	2.0	0.5
Medical oncology	0.8	0.8	0.3	0.9	0.8	0.6	0.5	0.0	0.7
Neurology	1.8	1.7	1.0	1.8	1.3	0.7	1.0	0.0	1.5
Nuclear medicine	1.0	0.3	0.3	0.6	0.7	0.9	2.0	0.0	0.7
Paediatric medicine	4.1	4.0	3.6	4.0	5.7	3.6	5.2	10.5	4.2
Renal medicine	0.9	0.9	0.6	0.7	1.1	0.7	0.5	0.0	0.8
Rheumatology	1.2	1.1	0.5	1.0	1.6	0.8	1.0	0.0	1.0
Thoracic medicine	1.6	1.2	1.0	1.7	1.7	0.3	1.6	0.0	1.3
General pathology	0.8	0.7	0.5	0.7	0.8	0.3	1.8	3.0	0.8
Anatomical pathology	1.3	1.4	1.8	3.0	3.7	1.6	2.6	0.9	1.8
Clinical chemistry	0.2	0.3	0.4	0.6	0.8	0.0	0.5	0.0	0.3
Cytopathology	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Forensic pathology	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Haematology	0.3	0.3	0.4	0.4	0.3	0.5	0.0	0.0	0.3
Immunology	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1
Microbiology	0.4	0.4	0.1	0.7	0.3	0.3	1.0	0.0	0.3
General surgery	4.7	6.6	5.8	4.5	7.1	5.3	5.4	8.1	5.6
Cardiothoracic surgery	0.3	0.7	0.4	0.3	0.2	0.0	1.7	0.0	0.4
Neurosurgery	0.5	0.5	0.6	0.2	0.8	0.6	1.8	1.0	0.6
Orthopaedic surgery	3.4	3.3	3.5	4.0	5.1	3.5	5.3	2.0	3.6
Paediatric surgery	0.3	0.4	0.4	0.4	0.5	0.3	0.5	0.0	0.4
Plastic surgery	1.0	1.3	1.0	1.4	1.5	0.9	1.7	1.0	1.1
Urology	1.1	1.1	1.3	0.6	1.3	1.2	1.6	0.0	1.1
Vascular surgery	0.6	0.7	0.6	0.5	1.1	0.3	0.0	0.0	0.6
Anaesthesia	9.5	10.1	9.5	10.6	12.9	12.8	11.9	9.4	10.2
Dermatology	1.8	1.4	1.5	1.2	2.1	0.9	1.0	1.0	1.6
Diagnostic radiology	5.9	4.9	4.4	6.4	5.7	5.4	8.5	1.0	5.4
Emergency medicine	1.3	1.4	1.1	1.4	0.4	1.3	1.1	1.8	1.2
Intensive care	1.5	0.5	0.4	0.9	1.3	1.0	2.1	0.0	1.0
Medical administration	0.8	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.4
Obstetrics and	5.3	5.9	5.0	5.3	6.3	5.4	9.7	6.5	5.6
Occupational medicine	1.4	0.4	0.1	0.5	0.5	0.3	0.5	0.0	0.7
Ophthalmology	4.1	4.1	3.3	3.6	4.8	2.9	2.7	3.1	3.9
Otolaryngology (ENT)	1.7	1.6	1.5	2.1	1.9	1.5	2.1	4.2	1.7
Psychiatry	10.8	12.1	7.9	8.4	14.2	9.5	11.1	7.0	10.5
Public health medicine	0.3	0.0	0.0	0.2	0.2	0.3	0.5	0.0	0.2
Radiation oncology	0.7	0.6	0.6	0.4	0.7	1.0	2.2	0.0	0.7
Rehabilitation medicine	1.4	0.7	0.3	0.4	0.8	0.3	1.1	0.9	0.9
Other	1.8	0.9	0.3	0.6	0.5	0.3	2.2	0.0	1.0
Total	86.7	85.6	70.4	79.9	104.9	76.2	112.0	75.3	84.3
Population at 31 December 1995 ('000)	6,152.0	4,520.8	3,316.1	1,746.4	1,475.5	473.2	304.9	176.9	18,168.6

Source: ABS: Cat. No. 3101.0, September quarter, 1996.

Table 30: Specialists: main specialty of qualification, age and sex, Australia, 1995

Main specialty of qualification	Age (years)					Total
	25–	35–44	45–54	55–64	65+	
			Males			
Cardiology	38	130	142	58	54	421
Clinical haematology	5	46	40	26	6	123
Clinical immunology	6	21	31	12	17	87
Clinical pharmacology	1	7	3	0	1	12
Endocrinology	6	59	68	24	12	169
Gastroenterology	24	122	126	40	10	322
General medicine	11	118	220	151	108	607
Geriatrics	9	46	42	26	18	140
Infectious diseases	5	38	17	6	2	66
Medical oncology	6	68	36	8	2	119
Neurology	6	96	76	50	25	253
Nuclear medicine	10	48	33	8	3	102
Paediatric medicine	24	222	250	77	34	608
Renal medicine	14	43	45	21	1	124
Rheumatology	14	61	59	22	6	161
Thoracic medicine	14	94	60	31	14	213
General pathology	5	16	38	43	16	119
Anatomical pathology	27	85	74	35	19	240
Clinical chemistry	3	14	14	19	3	53
Cytopathology	0	0	3	2	0	6
Forensic pathology	0	5	1	3	1	11
Haematology	2	11	16	8	6	42
Immunology	0	1	3	5	0	9
Microbiology	0	15	20	11	2	48
General surgery	18	193	336	282	156	986
Cardiothoracic surgery	0	34	24	13	4	74
Neurosurgery	0	30	30	25	16	101
Orthopaedic surgery	26	210	203	147	60	646
Paediatric surgery	0	18	18	16	10	62
Plastic surgery	3	41	81	52	7	183
Urology	7	59	60	53	18	197
Vascular surgery	0	38	44	18	9	109
Anaesthesia	81	566	536	249	80	1,513
Dermatology	7	55	57	28	57	203
Diagnostic radiology	57	275	286	146	78	843
Emergency medicine	39	106	22	15	0	182
Intensive care	5	66	55	21	2	149
Medical administration	0	15	24	12	9	60
Obstetrics and	11	198	340	247	99	895
Occupational medicine	7	31	35	27	17	117
Ophthalmology	29	171	162	127	147	636
Otolaryngology (ENT)	9	63	110	65	52	300
Psychiatry	63	397	480	304	219	1,462
Public health medicine	0	16	7	4	0	26
Radiation oncology	6	37	30	9	8	89
Rehabilitation medicine	5	61	32	23	15	136
Other	6	39	59	35	14	152
Total	605	4,087	4,447	2,602	1,435	13,175

(continued)

Table 30 (continued): Specialists: main specialty of qualification, age and sex, Australia, 1995

Main specialty of qualification	Age (years)					Total
	25–	35–44	45–54	55–64	65+	
	Females					
Cardiology	2	17	3	1	3	27
Clinical haematology	4	15	8	2	0	28
Clinical immunology	1	2	0	0	0	4
Clinical pharmacology	2	3	1	0	0	7
Endocrinology	5	15	15	1	0	36
Gastroenterology	9	10	5	0	0	23
General medicine	2	14	18	11	3	49
Geriatrics	10	16	7	8	0	41
Infectious diseases	10	12	3	1	0	27
Medical oncology	5	8	2	0	0	15
Neurology	2	15	6	1	1	25
Nuclear medicine	2	7	6	3	0	17
Paediatric medicine	19	70	36	16	8	149
Renal medicine	5	13	5	1	2	26
Rheumatology	4	10	9	1	0	25
Thoracic medicine	5	16	5	2	2	31
General pathology	4	8	8	0	0	19
Anatomical pathology	18	37	23	10	3	92
Clinical chemistry	0	2	1	2	0	5
Cytopathology	0	1	1	1	0	4
Forensic pathology	0	3	0	0	0	3
Haematology	1	3	10	6	0	20
Immunology	0	2	0	1	0	3
Microbiology	1	3	7	4	0	15
General surgery	2	20	6	2	0	30
Cardiothoracic surgery	0	0	1	1	2	5
Neurosurgery	0	3	0	1	0	4
Orthopaedic surgery	0	7	0	3	2	12
Paediatric surgery	0	2	1	0	0	3
Plastic surgery	2	13	5	0	3	23
Urology	4	1	0	0	0	5
Vascular surgery	0	4	0	0	0	4
Anaesthesia	36	159	86	39	13	333
Dermatology	9	40	21	7	2	79
Diagnostic radiology	18	62	37	13	5	135
Emergency medicine	6	20	8	1	3	39
Intensive care	2	13	6	2	2	25
Medical administration	0	5	0	0	0	5
Obstetrics and	4	63	21	20	10	118
Occupational medicine	0	6	1	0	0	8
Ophthalmology	9	26	14	14	8	71
Otolaryngology (ENT)	1	4	0	3	2	11
Psychiatry	33	171	159	60	31	454
Public health medicine	0	3	1	0	1	6
Radiation oncology	3	12	12	0	5	32
Rehabilitation medicine	3	12	4	0	0	20
Other	4	16	9	6	0	35
Total	248	961	573	249	112	2,143

(continued)

Table 30 (continued): Specialists: main specialty of qualification, age and sex, Australia, 1995

Main specialty of qualification	Age (years)					Total
	25–	35–44	45–54	55–64	65+	
	Persons					
Cardiology	39	147	145	59	57	448
Clinical haematology	8	61	48	28	6	151
Clinical immunology	7	23	31	12	17	91
Clinical pharmacology	4	10	4	0	1	19
Endocrinology	11	74	83	25	12	205
Gastroenterology	33	131	131	40	10	346
General medicine	12	132	238	162	111	655
Geriatrics	18	63	49	34	18	181
Infectious diseases	15	50	19	7	2	93
Medical oncology	11	76	38	8	2	134
Neurology	7	110	82	52	26	278
Nuclear medicine	12	55	39	11	3	120
Paediatric medicine	42	293	287	94	42	757
Renal medicine	19	57	49	22	3	150
Rheumatology	17	71	68	24	6	186
Thoracic medicine	18	110	66	33	16	243
General pathology	8	24	46	43	16	138
Anatomical pathology	44	122	98	45	22	331
Clinical chemistry	3	15	16	20	3	57
Cytopathology	0	1	5	4	0	10
Forensic pathology	0	8	1	3	1	13
Haematology	3	13	26	14	6	62
Immunology	0	3	3	6	0	12
Microbiology	1	18	26	15	2	62
General surgery	20	213	342	284	156	1,015
Cardiothoracic surgery	0	34	25	14	6	78
Neurosurgery	0	33	30	27	16	105
Orthopaedic surgery	26	217	203	149	62	657
Paediatric surgery	0	19	20	16	10	65
Plastic surgery	5	53	86	52	10	207
Urology	11	60	60	53	18	202
Vascular surgery	0	42	44	18	9	113
Anaesthesia	118	725	622	287	93	1,846
Dermatology	15	96	78	35	58	282
Diagnostic radiology	75	337	323	160	83	978
Emergency medicine	45	126	30	17	3	221
Intensive care	7	80	61	23	3	174
Medical administration	0	20	24	12	9	65
Obstetrics and	16	261	361	267	109	1,014
Occupational medicine	7	37	37	27	17	124
Ophthalmology	38	197	176	141	154	706
Otolaryngology (ENT)	11	68	110	69	54	311
Psychiatry	96	569	639	363	249	1,916
Public health medicine	0	19	8	4	1	32
Radiation oncology	9	49	42	9	13	122
Rehabilitation medicine	9	73	36	23	15	155
Other	9	55	68	41	14	186
Total	853	5,048	5,020	2,851	1,547	15,318

Table 31: Specialists: main specialty of qualification and region, Australia, 1995

Main specialty of qualification	Region of main job					Total
	Major urban centre	Large rural centre	Small rural centre	Other rural area	Remote area	
Cardiology	418	18	9	3	0	448
Clinical haematology	142	3	5	2	0	151
Clinical immunology	88	3	0	0	0	91
Clinical pharmacology	19	0	0	0	0	19
Endocrinology	199	5	2	0	0	205
Gastroenterology	310	28	5	3	0	346
General medicine	519	68	53	9	6	655
Geriatrics	157	11	11	3	0	181
Infectious diseases	88	3	2	0	0	93
Medical oncology	129	5	0	0	0	134
Neurology	261	14	2	2	0	278
Nuclear medicine	111	9	0	0	0	120
Paediatric medicine	649	58	33	10	7	757
Renal medicine	139	10	2	0	0	150
Rheumatology	176	9	1	0	0	186
Thoracic medicine	228	11	3	2	0	243
General pathology	96	21	14	5	3	138
Anatomical pathology	301	26	5	0	0	331
Clinical chemistry	57	0	0	0	0	57
Cytopathology	10	0	0	0	0	10
Forensic pathology	13	0	0	0	0	13
Haematology	62	0	0	0	0	62
Immunology	12	0	0	0	0	12
Microbiology	59	3	0	0	0	62
General surgery	772	105	77	47	14	1,015
Cardiothoracic surgery	78	0	0	0	0	78
Neurosurgery	104	2	0	0	0	105
Orthopaedic surgery	553	78	24	1	1	657
Paediatric surgery	65	0	0	0	0	65
Plastic surgery	199	6	2	0	0	207
Urology	161	36	3	1	0	202
Vascular surgery	108	5	0	0	0	113
Anaesthesia	1,564	199	64	14	5	1,846
Dermatology	261	12	7	3	0	282
Diagnostic radiology	822	102	44	6	5	978
Emergency medicine	185	29	5	2	0	221
Intensive care	161	11	1	0	0	174
Medical administration	60	3	3	0	0	65
Obstetrics and gynaecology	848	94	43	24	4	1,014
Occupational medicine	108	6	7	4	0	124
Ophthalmology	620	48	31	6	1	706
Otolaryngology (ENT)	266	29	14	2	2	311
Psychiatry	1,756	93	49	13	4	1,916
Public health medicine	29	3	0	0	0	32
Radiation oncology	118	2	2	0	0	122
Rehabilitation medicine	143	7	4	1	0	155
Other	178	6	0	3	0	186
Total	13,400	1,175	525	166	53	15,318
Per cent	87.5	7.7	3.4	1.1	0.3	100.0

Table 32: Specialists: main specialty of qualification and country of initial qualification, Australia, 1995

Main specialty of qualification	Country of initial qualification					Total
	Australia	New Zealand	UK/Ireland	Asia	Other countries	
Cardiology	383	7	24	17	17	448
Clinical haematology	132	3	10	7	0	151
Clinical immunology	74	3	10	0	4	91
Clinical pharmacology	17	0	1	0	0	19
Endocrinology	182	6	10	4	3	205
Gastroenterology	302	4	20	8	11	346
General medicine	533	4	59	44	15	655
Geriatrics	143	3	10	23	3	181
Infectious diseases	86	1	3	0	3	93
Medical oncology	122	3	4	0	4	134
Neurology	250	3	14	3	8	278
Nuclear medicine	103	0	7	3	7	120
Paediatric medicine	607	32	59	17	42	757
Renal medicine	133	3	10	3	1	150
Rheumatology	160	4	10	9	3	186
Thoracic medicine	218	3	13	6	4	243
General pathology	107	8	10	6	7	138
Anatomical pathology	254	13	24	22	18	331
Clinical chemistry	37	6	5	2	8	57
Cytopathology	8	0	1	0	0	10
Forensic pathology	5	0	7	0	1	13
Haematology	41	1	13	6	1	62
Immunology	9	0	1	1	0	12
Microbiology	42	13	4	0	3	62
General surgery	858	14	66	50	26	1,015
Cardiothoracic surgery	70	4	1	3	0	78
Neurosurgery	94	0	3	4	4	105
Orthopaedic surgery	549	14	36	32	27	657
Paediatric surgery	53	1	6	3	1	65
Plastic surgery	181	1	7	10	7	207
Urology	189	1	10	1	0	202
Vascular surgery	103	0	6	0	4	113
Anaesthesia	1,476	63	176	71	60	1,846
Dermatology	270	1	10	1	0	282
Diagnostic radiology	699	62	99	53	65	978
Emergency medicine	191	3	14	7	6	221
Intensive care	127	15	15	6	11	174
Medical administration	54	1	1	4	4	65
Obstetrics and	812	14	94	57	37	1,014
Occupational medicine	97	3	16	5	4	124
Ophthalmology	580	17	52	39	17	706
Otolaryngology (ENT)	245	4	15	27	21	311
Psychiatry	1,402	88	225	109	92	1,916
Public health medicine	28	0	1	3	0	32
Radiation oncology	82	3	23	11	3	122
Rehabilitation medicine	131	1	8	12	3	155
Other	159	7	13	7	1	186
Total	12,399	442	1,225	694	558	15,318
Per cent	80.9	2.9	8.0	4.5	3.6	100.0

Table 33: Specialists: comparison of main specialty of practice with main specialty of qualification and sex, Australia, 1995

Main specialty of qualification	Main specialty of practice			Main specialty of practice			Main specialty of practice		
	Same	Not the same	% not the same	Same	Not the same	% not the same	Same	Not the same	% not the same
		Males	Females		Persons				
Cardiology	403	19	4.5	27	0	0.0	429	19	4.2
Clinical haematology	103	21	16.9	24	4	14.3	126	25	16.6
Clinical immunology	76	11	12.6	2	1	33.3	78	13	14.3
Clinical pharmacology	10	3	23.1	3	3	50.0	13	6	31.6
Endocrinology	160	9	5.3	33	3	8.3	193	12	5.9
Gastroenterology	312	10	3.1	23	0	0.0	336	10	2.9
General medicine	459	147	24.6	31	18	36.7	490	165	25.2
Geriatrics	133	7	5.0	38	3	7.9	171	10	5.5
Infectious diseases	59	8	11.9	22	4	15.4	81	12	12.9
Medical oncology	110	9	7.6	15	0	0.0	125	9	6.7
Neurology	244	9	3.6	25	0	0.0	269	9	3.2
Nuclear medicine	97	5	4.9	17	0	0.0	114	5	4.2
Paediatric medicine	539	69	11.3	131	19	12.7	670	88	11.6
Renal medicine	115	9	7.3	25	1	3.8	140	10	6.7
Rheumatology	159	3	1.9	23	1	4.2	182	4	2.2
Thoracic medicine	198	14	6.6	29	1	3.3	228	16	6.6
General pathology	84	35	29.4	9	10	52.6	93	45	32.6
Anatomical pathology	222	18	7.5	84	8	8.7	306	25	7.6
Clinical chemistry	50	3	5.7	3	2	40.0	53	4	7.0
Cytopathology	6	0	0.0	4	0	0.0	10	0	0.0
Forensic pathology	11	0	0.0	3	0	0.0	13	0	0.0
Haematology	42	0	0.0	16	4	20.0	59	4	6.3
Immunology	9	0	0.0	2	1	33.3	11	1	8.3
Microbiology	43	4	8.5	13	2	13.3	56	6	9.7
General surgery	925	61	6.2	30	0	0.0	954	61	6.0
Cardiothoracic surgery	72	1	1.4	5	0	0.0	77	1	1.3
Neurosurgery	97	4	4.0	4	0	0.0	101	4	3.8
Orthopaedic surgery	637	8	1.2	10	1	9.1	648	10	1.5
Paediatric surgery	62	0	0.0	3	0	0.0	65	0	0.0
Plastic surgery	179	5	2.7	22	1	4.3	201	6	2.9
Urology	195	1	0.5	5	0	0.0	201	1	0.5
Vascular surgery	106	3	2.8	4	0	0.0	110	3	2.7
Anaesthesia	1,447	66	4.4	322	10	3.0	1,769	77	4.2
Dermatology	199	4	2.0	79	0	0.0	278	4	1.4
Diagnostic radiology	826	16	1.9	134	1	0.7	961	17	1.7
Emergency medicine	179	3	1.6	39	0	0.0	218	3	1.4
Intensive care	144	5	3.4	24	1	4.0	167	6	3.5
Medical administration	54	6	10.0	5	0	0.0	59	6	9.2
Obstetrics and	858	37	4.3	114	4	3.4	972	42	4.1
Occupational medicine	104	12	10.3	8	0	0.0	112	12	9.7
Ophthalmology	628	7	1.1	68	3	4.2	696	10	1.4
Otolaryngology (ENT)	295	5	1.7	10	1	9.1	304	6	1.9
Psychiatry	1,426	36	2.5	446	8	1.8	1,872	44	2.3
Public health medicine	19	7	26.9	6	0	0.0	25	7	21.9
Radiation oncology	85	5	5.6	32	0	0.0	117	5	4.1
Rehabilitation medicine	135	1	0.7	20	0	0.0	154	1	0.6
Other	140	11	7.3	35	0	0.0	175	11	5.9
Total	12,458	717	5.4	2,025	118	5.5	14,484	835	5.4

Table 34: All specialist qualifications^(a): specialty of qualification and sex, Australia, 1995

Specialty of	Main field of qualification		Second field of qualification		Third field of qualification		All fields of qualification		
	Males	Female	Males	Female	Males	Female	Males	Female	Persons
Cardiology	421	27	67	2	11	1	499	30	529
Clinical haematology	123	28	38	7	5	1	167	36	202
Clinical immunology	87	4	14	5	5	0	106	9	115
Clinical pharmacology	12	7	21	1	3	0	36	8	44
Endocrinology	169	36	44	7	8	2	221	46	267
Gastroenterology	322	23	48	1	6	0	376	25	401
General medicine	607	49	500	43	53	2	1,159	94	1,254
Geriatrics	140	41	36	4	6	0	183	45	228
Infectious diseases	66	27	30	6	8	0	104	33	137
Medical oncology	119	15	39	5	11	1	169	22	191
Neurology	253	25	19	3	0	0	272	28	300
Nuclear medicine	102	17	64	3	3	0	169	20	189
Paediatric medicine	608	149	44	9	8	1	659	160	819
Renal medicine	124	26	40	3	1	0	165	29	194
Rheumatology	161	25	20	2	7	0	189	26	215
Thoracic medicine	213	31	52	4	9	0	274	34	308
General pathology	119	19	14	3	10	0	144	22	166
Anatomical pathology	240	92	24	7	2	0	266	98	364
Clinical chemistry	53	5	13	0	1	0	66	5	71
Cytopathology	6	4	75	37	1	0	81	41	122
Forensic pathology	11	3	5	0	4	0	20	3	23
Haematology	42	20	71	18	21	4	135	42	177
Immunology	9	3	29	2	7	0	45	5	50
Microbiology	48	15	29	7	3	0	79	21	101
General surgery	986	30	108	3	6	3	1,099	36	1,135
Cardiothoracic surgery	74	5	3	0	2	0	79	5	84
Neurosurgery	101	4	2	0	0	0	103	4	107
Orthopaedic surgery	646	12	18	0	0	0	664	12	676
Paediatric surgery	62	3	9	3	1	0	72	6	78
Plastic surgery	183	23	11	1	5	0	199	24	224
Urology	197	5	11	0	4	0	212	5	217
Vascular surgery	109	4	32	1	3	0	144	5	149
Anaesthesia	1,513	333	73	3	9	0	1,595	335	1,930
Dermatology	203	79	4	0	3	0	209	79	289
Diagnostic radiology	843	135	49	6	7	0	898	142	1,040
Emergency medicine	182	39	11	2	3	0	196	41	238
Intensive care	149	25	107	12	12	0	268	37	305
Medical administration	60	5	50	9	17	2	128	16	144
Obstetrics and	895	118	18	4	2	0	916	122	1,038
Occupational medicine	117	8	22	3	1	1	141	12	153
Ophthalmology	636	71	0	0	0	0	636	71	706
Otolaryngology (ENT)	300	11	3	0	0	0	303	11	314
Psychiatry	1,462	454	12	2	3	0	1,478	456	1,934
Public health medicine	26	6	43	3	19	1	88	10	98
Radiation oncology	89	32	8	0	3	0	100	32	132
Rehabilitation medicine	136	20	46	8	12	2	193	29	223
Other	152	35	132	23	27	5	310	63	373
Total	13,175	2,143	2,107	262	334	29	15,616	2,433	18,049

(a) Includes for each specialty, the number of specialists for whom that specialty was their main field of qualification, those for whom the specialty was their second field of qualification, and those for whom the specialty was a third field of qualification.

Table 35: All specialist qualifications^(a): specialty of qualification and States and Territories, 1995

Specialty of	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Cardiology	214	138	71	32	44	14	16	0	529
Clinical haematology	66	66	27	8	23	6	6	0	202
Clinical immunology	46	24	22	8	9	1	5	0	115
Clinical pharmacology	19	11	3	4	7	0	0	0	44
Endocrinology	104	82	27	18	20	6	6	3	267
Gastroenterology	140	98	60	32	46	10	13	2	401
General medicine	311	338	222	127	174	32	30	21	1,254
Geriatrics	86	68	24	20	18	6	3	2	228
Infectious diseases	43	40	18	6	17	1	3	9	137
Medical oncology	66	55	26	16	17	7	5	0	191
Neurology	117	83	37	32	24	4	3	0	300
Nuclear medicine	82	38	25	14	19	4	6	0	189
Paediatric medicine	273	202	126	82	84	17	18	19	819
Renal medicine	63	65	20	16	20	8	2	2	194
Rheumatology	81	52	25	24	24	5	5	0	215
Thoracic medicine	123	77	42	32	29	2	5	0	308
General pathology	62	41	24	14	14	1	5	5	166
Anatomical pathology	90	81	61	61	54	8	8	2	364
Clinical chemistry	16	16	12	12	14	0	2	0	71
Cytopathology	31	29	7	31	13	4	5	2	122
Forensic pathology	8	7	0	4	1	0	2	0	23
Haematology	48	50	36	16	17	4	5	2	177
Immunology	26	3	3	10	4	2	3	0	50
Microbiology	33	26	9	16	9	1	5	2	101
General surgery	321	335	209	98	114	28	16	14	1,135
Cardiothoracic surgery	21	35	13	6	3	0	5	0	84
Neurosurgery	34	25	21	6	12	3	5	2	107
Orthopaedic surgery	214	154	119	77	75	17	16	3	676
Paediatric surgery	22	22	14	6	11	2	2	0	78
Plastic surgery	65	67	32	24	25	4	5	2	224
Urology	72	54	46	10	24	6	5	0	217
Vascular surgery	54	37	25	10	19	1	2	0	149
Anaesthesia	616	469	325	204	201	61	38	17	1,930
Dermatology	114	65	51	20	30	4	3	2	289
Diagnostic radiology	387	236	157	114	87	25	31	2	1,040
Emergency medicine	88	63	38	28	7	6	3	3	238
Intensive care	131	75	27	22	30	10	10	2	305
Medical administration	75	24	19	15	6	0	3	2	144
Obstetrics and	336	272	169	100	95	26	30	11	1,038
Occupational medicine	101	27	2	10	7	1	3	2	153
Ophthalmology	250	185	111	62	70	14	8	6	706
Otolaryngology (ENT)	104	75	49	36	29	7	6	7	314
Psychiatry	673	548	261	147	212	45	35	12	1,934
Public health medicine	46	10	7	16	5	5	3	7	98
Radiation oncology	43	33	24	10	11	5	7	0	132
Rehabilitation medicine	113	55	17	8	21	2	5	2	223
Other	183	92	29	20	26	6	16	2	373
Total	6,212	4,648	2,686	1,678	1,820	422	418	166	18,049

(a) Includes all specialists for whom the specialty was a main field of qualification, those for whom the specialty was a second field of qualification, and those for whom the specialty was a third field of qualification.

Specialty of practice

Table 36: Specialists: main specialty of practice and States and Territories, 1995

Main specialty of practice	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Cardiology	195	118	61	27	46	10	13	0	471
Clinical haematology	51	26	21	8	19	3	5	0	133
Clinical immunology	42	18	11	8	11	0	3	0	93
Clinical pharmacology	10	1	0	2	4	0	0	0	17
Endocrinology	79	66	23	18	17	7	5	0	215
Gastroenterology	123	91	54	35	38	7	11	0	360
General medicine	122	144	109	48	71	13	14	19	539
Geriatrics	71	54	22	18	15	3	3	2	188
Infectious diseases	29	28	11	8	10	1	0	2	89
Medical oncology	51	45	16	18	11	6	5	0	154
Neurology	113	78	35	30	19	3	3	0	280
Nuclear medicine	64	18	13	14	11	4	5	0	129
Paediatric medicine	231	155	113	61	69	17	13	17	674
Renal medicine	54	42	20	12	17	3	2	0	149
Rheumatology	77	49	16	21	25	4	3	0	196
Thoracic medicine	106	61	30	31	21	3	5	0	258
General pathology	33	19	18	10	8	1	5	5	99
Anatomical pathology	93	69	55	57	53	4	8	2	341
Clinical chemistry	11	14	10	10	11	0	2	0	58
Cytopathology	15	14	1	2	1	1	2	1	39
Forensic pathology	7	4	0	4	2	0	0	0	17
Haematology	19	15	16	8	6	3	0	0	66
Immunology	6	1	0	2	2	0	0	0	11
Microbiology	26	22	4	8	5	1	3	2	71
General surgery	269	284	184	69	112	25	14	14	971
Cardiothoracic surgery	20	34	15	6	3	0	5	0	84
Neurosurgery	32	24	19	8	12	3	5	2	106
Orthopaedic surgery	209	151	112	76	80	17	14	3	662
Paediatric surgery	16	20	14	6	8	2	2	0	67
Plastic surgery	60	67	35	23	20	7	5	2	220
Urology	65	51	43	12	21	6	5	0	203
Vascular surgery	41	31	22	10	16	1	0	0	122
Anaesthesia	561	442	308	178	184	60	35	17	1,784
Dermatology	109	62	52	22	30	4	3	2	284
Diagnostic radiology	360	230	149	115	91	26	32	2	1,005
Emergency medicine	80	64	40	25	5	6	3	3	227
Intensive care	111	44	18	20	25	4	6	0	228
Medical administration	50	16	9	6	0	0	2	0	83
Obstetrics and gynaecology	309	258	165	89	91	25	26	11	974
Occupational medicine	97	28	13	6	16	4	2	0	166
Ophthalmology	244	182	109	61	67	15	8	6	691
Otolaryngology (ENT)	104	74	53	33	30	7	6	8	315
Psychiatry	658	528	255	146	204	44	34	11	1,880
Public health medicine	22	5	1	0	3	0	2	2	35
Radiation oncology	42	28	27	10	12	3	5	0	127
Rehabilitation medicine	93	38	11	10	12	2	6	2	173
Other	155	59	19	8	14	4	11	0	269
Total	5,336	3,870	2,334	1,395	1,548	360	342	133	15,318

Table 37: Specialists per 100,000 population: main speciality of practice and States and Territories, 1995

Main speciality of practice	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Cardiology	3.2	2.6	1.9	1.6	3.1	2.1	4.1	0.0	2.6
Clinical haematology	0.8	0.6	0.6	0.5	1.3	0.6	1.6	0.0	0.7
Clinical immunology	0.7	0.4	0.3	0.4	0.7	0.0	1.1	0.0	0.5
Clinical pharmacology	0.2	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.1
Endocrinology	1.3	1.5	0.7	1.0	1.2	1.4	1.6	0.0	1.2
Gastroenterology	2.0	2.0	1.6	2.0	2.6	1.5	3.7	0.0	2.0
General medicine	2.0	3.2	3.3	2.7	4.8	2.7	4.6	10.7	3.0
Geriatrics	1.2	1.2	0.7	1.0	1.0	0.7	1.0	1.2	1.0
Infectious diseases	0.5	0.6	0.3	0.4	0.7	0.3	0.0	0.9	0.5
Medical oncology	0.8	1.0	0.5	1.0	0.8	1.3	1.7	0.0	0.8
Neurology	1.8	1.7	1.1	1.7	1.3	0.7	1.0	0.0	1.5
Nuclear medicine	1.0	0.4	0.4	0.8	0.8	0.9	1.5	0.0	0.7
Paediatric medicine	3.8	3.4	3.4	3.5	4.6	3.5	4.2	9.4	3.7
Renal medicine	0.9	0.9	0.6	0.7	1.1	0.7	0.5	0.0	0.8
Rheumatology	1.3	1.1	0.5	1.2	1.7	0.8	1.0	0.0	1.1
Thoracic medicine	1.7	1.3	0.9	1.8	1.4	0.6	1.6	0.0	1.4
General pathology	0.5	0.4	0.5	0.6	0.5	0.3	1.7	3.0	0.5
Anatomical pathology	1.5	1.5	1.6	3.2	3.6	0.9	2.6	0.9	1.9
Clinical chemistry	0.2	0.3	0.3	0.6	0.7	0.0	0.5	0.0	0.3
Cytopathology	0.2	0.3	0.0	0.1	0.1	0.3	0.7	0.8	0.2
Forensic pathology	0.1	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.1
Haematology	0.3	0.3	0.5	0.4	0.4	0.5	0.0	0.0	0.4
Immunology	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1
Microbiology	0.4	0.5	0.1	0.5	0.3	0.3	1.1	1.0	0.4
General surgery	4.4	6.3	5.6	3.9	7.6	5.2	4.7	8.1	5.3
Cardiothoracic surgery	0.3	0.8	0.5	0.3	0.2	0.0	1.7	0.0	0.5
Neurosurgery	0.5	0.5	0.6	0.4	0.8	0.6	1.8	1.0	0.6
Orthopaedic surgery	3.4	3.3	3.4	4.4	5.4	3.5	4.7	2.0	3.6
Paediatric surgery	0.3	0.5	0.4	0.3	0.5	0.3	0.5	0.0	0.4
Plastic surgery	1.0	1.5	1.0	1.3	1.4	1.6	1.7	1.0	1.2
Urology	1.1	1.1	1.3	0.7	1.4	1.2	1.6	0.0	1.1
Vascular surgery	0.7	0.7	0.7	0.6	1.1	0.3	0.0	0.0	0.7
Anaesthesia	9.1	9.8	9.3	10.2	12.5	12.7	11.4	9.4	9.8
Dermatology	1.8	1.4	1.6	1.2	2.0	0.9	1.0	1.0	1.6
Diagnostic radiology	5.9	5.1	4.5	6.6	6.2	5.6	10.4	1.0	5.5
Emergency medicine	1.3	1.4	1.2	1.4	0.4	1.3	1.1	1.8	1.2
Intensive care	1.8	1.0	0.5	1.1	1.7	0.9	2.1	0.0	1.3
Medical administration	0.8	0.3	0.3	0.3	0.0	0.0	0.7	0.0	0.5
Obstetrics and gynaecology	5.0	5.7	5.0	5.1	6.2	5.3	8.5	6.5	5.4
Occupational medicine	1.6	0.6	0.4	0.3	1.1	0.9	0.5	0.0	0.9
Ophthalmology	4.0	4.0	3.3	3.5	4.5	3.2	2.7	3.1	3.8
Otolaryngology (ENT)	1.7	1.6	1.6	1.9	2.0	1.5	2.1	4.3	1.7
Psychiatry	10.7	11.7	7.7	8.4	13.8	9.3	11.1	6.2	10.3
Public health medicine	0.4	0.1	0.0	0.0	0.2	0.0	0.5	1.0	0.2
Radiation oncology	0.7	0.6	0.8	0.6	0.8	0.7	1.5	0.0	0.7
Rehabilitation medicine	1.5	0.8	0.3	0.6	0.8	0.3	2.1	0.9	1.0
Other	2.5	1.3	0.6	0.4	0.9	0.9	3.8	0.0	1.5
Total	86.7	85.6	70.4	79.9	104.9	76.2	112.0	75.3	84.3
Population at 31 December 1995 ('000)	6.152.04	.520.8	3.316.1	1.746.4	1.475.5	473.2	304.9	176.9	18.168.

Source: ABS: Cat. No. 3101.0, September quarter, 1996.

Table 38: All specialist services^(a): specialty of practice and sex, Australia, 1995

Specialty of practice	Main field of practice		Second field of practice		Third field of practice		All fields of practice		
	Male	Female	Males	Female	Males	Female	Males	Female	Persons
Cardiology	444	28	55	2	8	1	507	31	538
Clinical haematology	106	27	54	5	6	0	165	33	198
Clinical immunology	86	6	11	4	8	0	104	10	115
Clinical pharmacology	13	3	22	2	9	0	44	5	49
Endocrinology	181	34	58	4	21	5	259	43	302
Gastroenterology	335	25	47	2	4	3	387	30	416
General medicine	499	40	380	36	57	5	936	81	1,017
Geriatrics	144	45	35	2	4	0	183	47	230
Infectious diseases	67	22	33	8	6	0	106	30	136
Medical oncology	136	18	29	7	12	0	177	25	202
Neurology	254	25	11	2	5	0	270	27	297
Nuclear medicine	110	19	47	3	4	0	161	21	182
Paediatric medicine	540	134	62	9	4	4	606	147	753
Renal medicine	122	26	39	2	3	0	164	28	192
Rheumatology	173	23	22	6	5	0	200	29	229
Thoracic medicine	225	33	40	5	8	0	273	38	311
General pathology	85	14	19	3	14	3	118	19	138
Anatomical pathology	247	94	26	9	1	0	275	103	378
Clinical chemistry	55	3	10	1	0	0	65	4	69
Cytopathology	28	11	91	37	1	0	120	48	168
Forensic pathology	13	4	3	0	4	2	19	7	26
Haematology	49	18	58	18	20	3	126	38	164
Immunology	9	2	21	4	9	1	38	7	45
Microbiology	51	19	19	2	9	1	80	23	103
General surgery	939	32	58	5	4	0	1,001	37	1,039
Cardiothoracic surgery	79	5	3	0	0	0	82	5	87
Neurosurgery	102	4	3	0	0	2	105	6	111
Orthopaedic surgery	652	10	17	2	1	0	670	13	683
Paediatric surgery	64	3	3	3	5	0	72	6	78
Plastic surgery	198	22	18	1	5	0	221	23	245
Urology	198	5	22	0	6	0	226	5	231
Vascular surgery	117	5	11	3	5	0	132	7	139
Anaesthesia	1,458	326	65	5	8	0	1,532	331	1,863
Dermatology	205	79	1	1	1	1	207	81	288
Diagnostic radiology	863	141	30	2	1	0	895	144	1,039
Emergency medicine	188	39	16	1	3	0	207	40	247
Intensive care	199	29	130	12	15	0	344	40	385
Medical administration	75	7	46	9	23	1	144	18	162
Obstetrics and	859	115	16	2	2	1	877	118	996
Occupational medicine	151	15	14	1	1	0	166	16	182
Ophthalmology	625	66	0	0	0	0	625	66	691
Otolaryngology (ENT)	304	11	5	0	3	0	311	11	322
Psychiatry	1,432	448	10	3	3	0	1,444	451	1,895
Public health medicine	28	7	25	3	16	3	69	13	82
Radiation oncology	95	32	5	0	0	0	100	32	132
Rehabilitation medicine	154	20	35	10	9	0	198	29	227
Other	220	49	89	17	21	7	330	72	403
Total	13,175	2,143	1,813	253	355	43	15,343	2,439	17,782

(a) Includes all specialists who were practising in each specialty as a main field of practice, those for whom the specialty was a second field of practice, and those for whom the specialty was a third field of practice.

Table 39: All specialist services^(a): specialty of practice and States and Territories, 1995

Specialty of practice	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Cardiology	218	144	66	33	49	13	16	0	538
Clinical haematology	64	61	25	10	23	6	8	0	198
Clinical immunology	53	24	16	8	11	0	3	0	115
Clinical pharmacology	18	11	4	4	11	0	0	0	49
Endocrinology	108	91	30	27	26	10	8	2	302
Gastroenterology	140	100	64	43	46	10	13	2	416
General medicine	238	290	182	87	144	27	30	20	1,017
Geriatrics	85	66	26	22	22	4	3	2	230
Infectious diseases	42	38	18	10	17	1	2	8	136
Medical oncology	61	58	31	19	18	6	8	0	202
Neurology	116	80	38	31	22	4	5	0	297
Nuclear medicine	76	39	23	14	20	4	6	0	182
Paediatric medicine	259	178	121	69	75	17	16	18	753
Renal medicine	60	62	20	19	20	8	2	2	192
Rheumatology	83	54	25	25	28	7	8	0	229
Thoracic medicine	126	75	38	37	27	3	5	0	311
General pathology	48	30	25	12	9	1	5	7	138
Anatomical pathology	99	87	57	64	55	6	8	2	378
Clinical chemistry	14	19	10	12	12	0	2	0	69
Cytopathology	44	43	11	37	19	6	5	3	168
Forensic pathology	9	6	0	4	5	0	2	0	26
Haematology	46	40	33	19	17	3	5	2	164
Immunology	21	4	4	10	4	1	0	0	45
Microbiology	35	30	10	12	9	1	3	2	103
General surgery	288	304	197	80	115	25	16	14	1,039
Cardiothoracic surgery	20	37	15	6	3	0	5	0	87
Neurosurgery	34	24	19	10	12	3	5	4	111
Orthopaedic surgery	214	152	115	84	81	17	14	6	683
Paediatric surgery	20	23	14	6	12	2	2	0	78
Plastic surgery	69	77	35	25	25	7	5	2	245
Urology	69	60	47	16	27	6	5	2	231
Vascular surgery	46	36	26	10	19	1	0	2	139
Anaesthesia	592	455	322	184	194	63	37	17	1,863
Dermatology	113	62	52	22	32	4	3	2	288
Diagnostic radiology	373	237	156	117	94	26	33	2	1,039
Emergency medicine	83	67	44	31	9	6	3	3	247
Intensive care	146	96	46	31	35	11	11	8	385
Medical administration	74	33	23	16	9	0	5	2	162
Obstetrics and	313	262	168	95	91	25	29	11	996
Occupational medicine	104	32	13	8	16	4	3	2	182
Ophthalmology	244	182	109	61	67	15	8	6	691
Otolaryngology (ENT)	106	75	53	37	30	7	6	8	322
Psychiatry	667	531	257	146	206	44	34	11	1,895
Public health medicine	36	16	7	6	5	2	3	7	82
Radiation oncology	42	30	28	10	12	3	6	0	132
Rehabilitation medicine	110	57	14	18	19	2	6	2	227
Other	201	95	33	18	29	9	17	2	403
Total	6,025	4,573	2,670	1,662	1,831	421	421	179	17,782

(a) Includes all specialists who were practising in each specialty as a main field of practice, those for whom the specialty was a second field of practice, and those for whom the specialty was a third field of practice.

Table 40: Specialists: main specialty of practice and region, Australia, 1995

Main specialty of	Region of main job					Total
	Major urban centre	Large rural centre	Small rural centre	Other rural area	Remote area	
Cardiology	431	21	16	4	0	472
Clinical haematology	130	1	0	1	0	133
Clinical immunology	89	3	0	0	0	93
Clinical pharmacology	17	0	0	0	0	17
Endocrinology	205	8	1	0	0	215
Gastroenterology	325	30	3	3	0	360
General medicine	420	52	50	8	9	539
Geriatrics	167	10	10	1	0	188
Infectious diseases	86	3	0	0	0	89
Medical oncology	140	8	5	0	0	154
Neurology	267	10	1	1	0	280
Nuclear medicine	122	7	0	0	0	129
Paediatric medicine	570	54	31	11	8	674
Renal medicine	136	11	2	0	0	149
Rheumatology	187	8	1	0	0	196
Thoracic medicine	242	11	3	1	0	258
General pathology	67	14	11	2	5	99
Anatomical pathology	302	28	7	3	0	341
Clinical chemistry	58	0	0	0	0	58
Cytopathology	34	2	2	2	0	39
Forensic pathology	17	0	0	0	0	17
Haematology	66	0	0	0	0	66
Immunology	11	0	0	0	0	11
Microbiology	69	2	0	0	0	71
General surgery	744	94	71	45	15	969
Cardiothoracic surgery	84	0	0	0	0	84
Neurosurgery	104	2	0	0	0	106
Orthopaedic surgery	558	73	26	4	2	662
Paediatric surgery	67	0	0	0	0	67
Plastic surgery	210	9	1	0	0	220
Urology	164	34	5	0	0	203
Vascular surgery	116	6	0	0	0	122
Anaesthesia	1,529	172	65	14	6	1,785
Dermatology	261	12	8	3	0	284
Diagnostic radiology	847	96	50	5	7	1,005
Emergency medicine	190	31	4	2	0	227
Intensive care	207	17	3	0	0	228
Medical administration	76	3	4	0	0	83
Obstetrics and	820	84	42	23	6	975
Occupational medicine	142	11	8	5	0	166
Ophthalmology	609	45	30	3	3	690
Otolaryngology (ENT)	271	27	13	0	4	315
Psychiatry	1,724	86	51	13	5	1,880
Public health medicine	31	3	0	0	2	35
Radiation oncology	124	2	2	0	0	127
Rehabilitation medicine	160	8	4	2	0	173
Other	261	5	0	3	0	269
Not stated	0	0	0	0	0	0
Total	13,459	1,103	528	158	70	15,318

Table 41: Specialists: main specialty of practice and region of all jobs, Australia, 1995

Main specialty of practice	Practises in major urban centre only	Practises in rural areas only	Main job in major urban centre, also practises in rural areas	Main job in rural areas, also practises in major urban centre	Total
Cardiology	424	38	6	4	471
Clinical haematology	129	3	1	0	133
Clinical immunology	88	3	1	0	93
Clinical pharmacology	17	0	0	0	17
Endocrinology	201	8	5	1	215
Gastroenterology	322	35	3	0	360
General medicine	410	121	5	3	539
Geriatrics	164	21	3	0	188
Infectious diseases	86	3	0	0	89
Medical oncology	126	13	14	0	154
Neurology	258	12	8	1	280
Nuclear medicine	120	6	1	1	129
Paediatric medicine	562	103	8	1	674
Renal medicine	133	13	3	0	149
Rheumatology	182	9	5	0	196
Thoracic medicine	241	15	1	0	258
General pathology	64	31	3	1	99
Anatomical pathology	300	34	3	4	341
Clinical chemistry	56	0	2	0	58
Cytopathology	34	5	0	0	39
Forensic pathology	17	0	0	0	17
Haematology	64	0	3	0	66
Immunology	11	0	0	0	11
Microbiology	69	2	0	0	71
General surgery	716	223	25	6	971
Cardiothoracic surgery	82	0	2	0	84
Neurosurgery	104	2	0	0	106
Orthopaedic surgery	538	107	17	0	662
Paediatric surgery	65	0	2	0	67
Plastic surgery	207	10	3	0	220
Urology	155	38	8	2	203
Vascular surgery	112	6	4	0	122
Anaesthesia	1,513	258	7	6	1,784
Dermatology	248	16	14	5	284
Diagnostic radiology	829	154	17	5	1,005
Emergency medicine	190	35	0	2	227
Intensive care	207	17	0	3	228
Medical administration	76	6	0	1	83
Obstetrics and gynaecology	801	156	15	2	974
Occupational medicine	142	24	0	0	166
Ophthalmology	575	76	31	8	691
Otolaryngology (ENT)	257	42	13	3	315
Psychiatry	1,687	149	33	11	1,880
Public health medicine	31	4	0	0	35
Radiation oncology	121	3	3	0	127
Rehabilitation medicine	157	13	3	0	173
Other	258	8	3	0	269
Total	13,150	1,823	275	70	15,318