

# Tables

**Table 2: Employed clinician medical practitioners: States and Territories, 1993–98**

Year	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
1993	15,036	10,659	6,902	3,912	3,597	1,019	398	778	42,300
1994	15,456	10,838	7,137	3,951	3,781	1,066	383	791	43,404
1995	15,739	11,142	7,430	4,037	3,960	1,067	406	802	44,583
1996	16,045	11,304	7,521	4,068	4,015	1,095	414	836	45,298
1997	16,117	11,306	7,657	4,033	4,044	1,098	433	842	45,532
1998	16,263	11,402	7,856	4,072	4,066	1,099	457	861	46,078
<b>Number per 100,000</b>									
1993	249.2	238.0	219.2	267.3	213.0	215.6	230.7	259.2	238.2
1994	253.8	240.8	221.5	269.2	220.3	225.2	218.9	261.7	241.8
1995	255.1	245.4	224.9	274.4	226.4	225.1	225.2	262.3	245.1
1996	257.1	246.6	223.2	275.5	225.3	230.8	224.6	270.9	245.9
1997	255.8	244.3	223.6	272.1	223.2	232.4	230.0	274.2	244.6
1998	255.1	243.4	225.6	273.4	220.3	233.5	239.1	279.4	244.5

**Table 3: Employed medical practitioners: occupation and sex, Australia, 1993–98**

Occupation	1993	1994	1995	1996 <sup>(r)</sup>	1997 <sup>(r)</sup>	1998	% change 1993 to 1998
<b>Males</b>							
Primary care practitioners	13,255	13,364	13,586	13,828	13,748	13,924	5.1
Hospital non-specialists	2,420	2,620	2,736	2,643	2,586	2,521	4.2
Specialists	13,177	13,151	13,344	13,408	13,471	13,919	5.6
Specialists-in-training	2,863	2,969	2,920	3,013	3,052	2,904	1.5
<i>Total clinicians</i>	<i>31,714</i>	<i>32,104</i>	<i>32,585</i>	<i>32,891</i>	<i>32,857</i>	<i>33,269</i>	<i>4.9</i>
Non-clinicians	1,894	1,773	1,884	1,607	1,833	1,929	1.9
<b>Total</b>	<b>33,608</b>	<b>33,877</b>	<b>34,470</b>	<b>34,498</b>	<b>34,690</b>	<b>35,198</b>	<b>4.7</b>
<b>Females</b>							
Primary care practitioners	5,664	5,989	6,351	6,614	6,760	6,927	22.3
Hospital non-specialists	1,647	1,890	2,033	2,005	1,875	1,741	5.7
Specialists	2,064	2,131	2,260	2,338	2,484	2,571	24.6
Specialists-in-training	1,211	1,289	1,353	1,450	1,555	1,569	29.6
<i>Total clinicians</i>	<i>10,586</i>	<i>11,299</i>	<i>11,998</i>	<i>12,407</i>	<i>12,675</i>	<i>12,809</i>	<i>21.0</i>
Non-clinicians	732	766	863	733	841	927	26.7
<b>Total</b>	<b>11,317</b>	<b>12,065</b>	<b>12,861</b>	<b>13,140</b>	<b>13,516</b>	<b>13,736</b>	<b>21.4</b>
<b>Persons</b>							
Primary care practitioners	18,918	19,353	19,938	20,441	20,508	20,851	10.2
Hospital non-specialists	4,067	4,510	4,769	4,648	4,461	4,262	4.8
Specialists	15,240	15,283	15,604	15,746	15,955	16,490	8.2
Specialists-in-training	4,074	4,258	4,273	4,463	4,607	4,474	9.8
<i>Total clinicians</i>	<i>42,300</i>	<i>43,404</i>	<i>44,583</i>	<i>45,298</i>	<i>45,532</i>	<i>46,078</i>	<i>8.9</i>
Non-clinicians	2,626	2,539	2,748	2,340	2,674	2,857	8.8
<b>Total</b>	<b>44,925</b>	<b>45,942</b>	<b>47,331</b>	<b>47,638</b>	<b>48,206</b>	<b>48,934</b>	<b>8.9</b>
<b>Per cent female</b>							
Primary care practitioners	29.9	30.9	31.9	32.4	33.0	33.2	..
Hospital non-specialists	40.5	41.9	42.6	43.1	42.0	40.9	..
Specialists	13.5	13.9	14.5	14.8	15.6	15.6	..
Specialists-in-training	29.7	30.3	31.7	32.5	33.8	35.1	..
<i>Total clinicians</i>	<i>25.0</i>	<i>26.0</i>	<i>26.9</i>	<i>27.4</i>	<i>27.8</i>	<i>27.8</i>	<i>..</i>
Non-clinicians	27.9	30.2	31.4	31.3	31.4	32.5	..
<b>Total</b>	<b>25.2</b>	<b>26.3</b>	<b>27.2</b>	<b>27.6</b>	<b>28.0</b>	<b>28.1</b>	<b>..</b>
<b>Number per 100,000 population</b>							
Primary care practitioners	106.5	107.8	109.6	111.0	110.2	110.6	3.8
Hospital non-specialists	22.9	25.1	26.2	25.2	24.0	22.6	- 1.3
Specialists	85.8	85.1	85.8	85.5	85.7	87.5	1.9
Specialists-in-training	22.9	23.7	23.5	24.2	24.7	23.7	3.5
<i>Total clinicians</i>	<i>238.2</i>	<i>241.8</i>	<i>245.1</i>	<i>245.9</i>	<i>244.6</i>	<i>244.5</i>	<i>2.6</i>
Non-clinicians	14.8	14.1	15.1	12.7	14.4	15.2	2.5
<b>Total</b>	<b>253.0</b>	<b>256.0</b>	<b>260.2</b>	<b>258.6</b>	<b>259.0</b>	<b>259.6</b>	<b>2.6</b>

*Note:* Prior to 1995, Victoria used a questionnaire that was not standardised with the other States and Territories. The main effect was that specialists-in-training were included in the data for specialists or hospital non-specialists. Therefore, the 1993 and 1994 Victorian data for occupation have been estimated based on the distribution of these occupations in 1995 and 1996.

(r) Revision of estimates published in previous reports. See 'Explanatory note'.

**Table 4: Employed medical practitioners: occupation and sex, States and Territories, 1998**

<b>Occupation</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>SA</b>	<b>WA</b>	<b>Tas</b>	<b>NT</b>	<b>ACT</b>	<b>Total</b>
<b>Males</b>									
<i>Clinician</i>	11,799	8,417	5,611	2,906	2,887	790	292	568	33,269
Primary care	4,832	3,582	2,419	1,194	1,188	383	119	211	13,926
Hospital non-specialist	1,030	383	556	193	214	50	44	50	2,521
Specialist	4,850	3,800	2,154	1,231	1,224	299	101	259	13,918
Specialist-in-training	1,086	652	481	288	261	58	28	48	2,903
<i>Non-clinician</i>	681	464	233	202	201	48	29	72	1,929
Administrator	148	106	38	40	25	5	2	12	376
Teacher/educator	42	40	16	20	12	4	3	2	138
Researcher	63	54	12	10	16	1	7	11	175
Public health physician	70	39	55	31	50	14	16	9	283
Occupational health physician	66	61	21	28	34	7	0	13	229
Other	291	164	93	72	64	17	2	25	728
<b>Total</b>	<b>12,479</b>	<b>8,881</b>	<b>5,844</b>	<b>3,108</b>	<b>3,088</b>	<b>837</b>	<b>321</b>	<b>640</b>	<b>35,198</b>
<b>Females</b>									
<i>Clinician</i>	4,464	2,986	2,246	1,166	1,180	310	165	293	12,809
Primary care	2,248	1,735	1,221	604	634	210	101	173	6,926
Hospital non-specialist	734	151	391	149	194	40	31	50	1,741
Specialist	898	739	374	254	216	40	13	37	2,572
Specialist-in-training	584	361	259	158	136	19	19	33	1,570
<i>Non-clinician</i>	366	207	122	96	86	13	15	22	927
Administrator	77	28	29	9	15	1	3	4	168
Teacher/educator	19	21	4	3	5	0	0	1	53
Researcher	48	33	6	3	6	0	0	0	97
Public health physician	44	31	33	28	31	6	12	9	193
Occupational health physician	18	20	1	5	0	1	0	0	45
Other	160	74	49	47	29	5	0	7	371
<b>Total</b>	<b>4,830</b>	<b>3,193</b>	<b>2,368</b>	<b>1,261</b>	<b>1,265</b>	<b>323</b>	<b>180</b>	<b>315</b>	<b>13,736</b>
<b>Persons</b>									
<i>Clinician</i>	16,263	11,402	7,856	4,072	4,066	1,099	457	861	46,078
Primary care	7,080	5,316	3,640	1,798	1,821	593	220	384	20,852
Hospital non-specialist	1,765	534	948	343	408	90	75	100	4,263
Specialist	5,748	4,539	2,528	1,485	1,440	339	115	296	16,490
Specialist-in-training	1,670	1,013	740	446	397	78	47	81	4,473
<i>Non-clinician</i>	1,047	671	355	297	287	61	44	94	2,857
Administrator	225	135	67	50	40	7	5	16	545
Teacher/educator	61	61	20	23	17	4	3	3	191
Researcher	111	88	18	14	23	1	7	11	271
Public health physician	113	70	87	59	80	20	28	18	476
Occupational health physician	84	80	22	34	34	8	0	13	275
Other	451	238	142	119	93	22	2	33	1,099
<b>Total</b>	<b>17,309</b>	<b>12,074</b>	<b>8,211</b>	<b>4,369</b>	<b>4,354</b>	<b>1,161</b>	<b>502</b>	<b>955</b>	<b>48,934</b>

**Table 5: Employed medical practitioners: occupation, States and Territories, 1998**

<b>Occupation</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>SA</b>	<b>WA</b>	<b>Tas</b>	<b>NT</b>	<b>ACT</b>	<b>Total</b>
<i>Clinician</i>	16,263	11,402	7,856	4,072	4,066	1,099	457	861	46,078
<i>Primary care</i>	7,080	5,316	3,640	1,798	1,821	593	220	384	20,852
VRGP	6,092	4,589	3,083	1,564	1,553	524	174	337	17,916
RACGP trainee	293	206	192	92	107	28	25	14	958
OMPs	694	521	365	142	161	41	22	33	1,979
<i>Hospital non-specialist</i>	1,765	534	948	343	408	90	75	100	4,263
Intern/RMO	1,418	222	658	236	320	68	52	71	3,046
Other	347	312	289	107	88	22	23	29	1,217
<i>Specialist</i>	5,748	4,539	2,528	1,485	1,440	339	115	296	16,490
Internal medicine	1,597	1,143	647	407	369	81	40	94	4,377
Pathology	279	151	106	67	87	12	7	13	722
Surgery	996	808	471	280	254	57	21	52	2,937
Other specialties	2,876	2,437	1,305	731	731	189	47	138	8,454
Specialist-in-training	1,670	1,013	740	446	397	78	47	81	4,473
<i>Non-clinician</i>	1,047	671	355	297	287	61	44	94	2,857
Administrator	225	135	67	50	40	7	5	16	545
Teacher/educator	61	61	20	23	17	4	3	3	191
Researcher	111	88	18	14	23	1	7	11	271
Public health physician	113	70	87	59	80	20	28	18	476
Occupational health physician	84	80	22	34	34	8	0	13	275
Other	451	238	142	119	93	22	2	33	1,099
<b>Total employed practitioners</b>	<b>17,309</b>	<b>12,074</b>	<b>8,211</b>	<b>4,369</b>	<b>4,354</b>	<b>1,161</b>	<b>502</b>	<b>955</b>	<b>48,934</b>

(per 100,000 population)

<i>Clinician</i>	255.1	243.4	225.6	273.4	220.3	233.5	239.1	279.4	244.5
<i>Primary care</i>	111.0	113.5	104.5	120.7	98.7	125.9	115.1	124.5	110.6
VRGP	95.5	98.0	88.5	105.0	84.1	111.2	90.7	109.2	95.1
RACGP trainee	4.6	4.4	5.5	6.2	5.8	6.0	13.1	4.5	5.1
OMPs	10.9	11.1	10.5	9.5	8.7	8.7	11.3	10.8	10.5
<i>Hospital non-specialist</i>	27.7	11.4	27.2	23.0	22.1	19.1	39.4	32.5	22.6
Intern/RMO	22.2	4.7	18.9	15.8	17.4	14.3	27.2	23.1	16.2
Other	5.4	6.7	8.3	7.2	4.8	4.8	12.2	9.4	6.5
<i>Specialist</i>	90.2	96.9	72.6	99.7	78.0	72.0	59.9	96.0	87.5
Internal medicine	25.1	24.4	18.6	27.3	20.0	17.2	20.9	30.4	23.2
Pathology	4.4	3.2	3.1	4.5	4.7	2.6	3.5	4.1	3.8
Surgery	15.6	17.2	13.5	18.8	13.7	12.1	10.8	16.8	15.6
Other specialties	45.1	52.0	37.5	49.1	39.6	40.2	24.7	44.6	44.9
Specialist-in-training	26.2	21.6	21.3	30.0	21.5	16.5	24.7	26.4	23.7
<i>Non-clinician</i>	16.4	14.3	10.2	20.0	15.6	13.0	23.1	30.4	15.2
Administrator	3.5	2.9	1.9	3.3	2.2	1.4	2.5	5.3	2.9
Teacher/educator	1.0	1.3	0.6	1.5	0.9	0.8	1.7	1.0	1.0
Researcher	1.7	1.9	0.5	0.9	1.2	0.3	3.4	3.6	1.4
Public health physician	1.8	1.5	2.5	3.9	4.4	4.2	14.6	5.8	2.5
Occupational health physician	1.3	1.7	0.6	2.3	1.8	1.7	0.0	4.1	1.5
Other	7.1	5.1	4.1	8.0	5.0	4.6	0.9	10.6	5.8
<b>Total employed practitioners</b>	<b>271.5</b>	<b>257.8</b>	<b>235.8</b>	<b>293.3</b>	<b>235.9</b>	<b>246.5</b>	<b>262.2</b>	<b>309.7</b>	<b>259.6</b>

Population at 31 Dec. 1998 (prelim)<sup>(a)</sup> 6,376,179 4,683,828 3,482,304 1,489,543 1,845,549 470,939 191,321 308,353 18,848,016

(a) Source: AIHW from ABS 30 June 1998 regional data. Excludes Jervis Bay, Cocos Islands and Christmas Island.

**Table 6: Employed medical practitioners: occupation and region of main job, 1998**

Occupation	Region of main job						Total
	Capital city	Other metro centre	Large rural centre	Small rural centre	Other rural area	Remote area	
<i>Primary care practitioners</i>	14,656	1,530	1,235	1,140	1,914	378	20,852
VRGPs	12,541	1,305	1,087	1,021	1,671	290	17,916
RACGP trainees	588	79	73	58	128	32	958
OMPs	1,526	147	76	61	114	55	1,979
<i>Non-specialist hospital doctors</i>	3,323	363	323	102	64	88	4,263
Interns/RMOs	2,503	251	184	52	22	34	3,046
Other	820	112	139	50	42	54	1,217
<i>Specialists</i>	13,371	1,127	1,168	555	202	67	16,490
Internal medicine	3,649	280	261	127	40	20	4,377
Pathology	604	44	45	26	3	0	722
Surgery	2,231	238	250	134	62	21	2,937
Other specialties	6,886	565	612	268	97	25	8,454
Specialists-in-training	3,986	285	142	19	9	32	4,473
<i>Total clinicians</i>	35,335	3,305	2,868	1,816	2,190	565	46,078
Non-clinicians	2,394	143	137	75	70	39	2,857
<b>Total employed practitioners</b>	<b>37,728</b>	<b>3,447</b>	<b>3,005</b>	<b>1,891</b>	<b>2,259</b>	<b>603</b>	<b>48,934</b>
<b>(per 100,000 population)</b>							
<i>Primary care practitioners</i>	122.0	107.0	109.7	93.0	77.2	65.8	110.6
VRGPs	104.4	91.3	96.6	83.3	67.4	50.6	95.1
RACGP trainees	4.9	5.5	6.5	4.7	5.2	5.7	5.1
OMPs	12.7	10.3	6.7	5.0	4.6	9.6	10.5
<i>Non-specialist hospital doctors</i>	27.7	25.4	28.7	8.3	2.6	15.3	22.6
Interns/RMOs	20.8	17.5	16.3	4.3	0.9	5.9	16.2
Other	6.8	7.8	12.4	4.1	1.7	9.3	6.5
<i>Specialists</i>	111.3	78.8	103.8	45.3	8.1	11.7	87.5
Internal medicine	30.4	19.6	23.2	10.4	1.6	3.5	23.2
Pathology	5.0	3.1	4.0	2.1	0.1	0.0	3.8
Surgery	18.6	16.7	22.2	10.9	2.5	3.7	15.6
Other specialties	57.3	39.5	54.4	21.9	3.9	4.4	44.9
Specialists-in-training	33.2	19.9	12.6	1.5	0.4	5.6	23.7
<i>Total clinicians</i>	294.1	231.1	254.8	148.2	88.3	98.4	244.5
Non-clinicians	19.9	10.0	12.2	6.1	2.8	6.7	15.2
<b>Total employed practitioners</b>	<b>314.0</b>	<b>241.1</b>	<b>267.0</b>	<b>154.4</b>	<b>91.1</b>	<b>105.2</b>	<b>259.6</b>
Population at 31 December 1998 <sup>(a)</sup>	12,014,877	1,429,659	1,125,533	1,224,986	2,479,364	573,597	18,848,016

(a) Source: AIHW from ABS 30 June 1998 regional data. Excludes Jervis Bay, Cocos Islands and Christmas Island.

**Table 7: All registered medical practitioners: employment status and sex, States and Territories, 1998**

<b>Employment status</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>SA</b>	<b>WA</b>	<b>Tas</b>	<b>NT</b>	<b>ACT</b>	<b>Total</b>
<b>Males</b>									
Only in this State	12,062	8,522	5,706	2,900	3,030	803	303	510	33,835
Mainly in this State	418	359	138	208	58	35	18	130	1,363
<i>Total</i>	<i>12,479</i>	<i>8,881</i>	<i>5,844</i>	<i>3,108</i>	<i>3,088</i>	<i>837</i>	<i>321</i>	<i>640</i>	<i>35,198</i>
Mainly in another State	558	251	62	82	78	77	186	143	1,437
Only in other States	974	485	575	254	309	126	170	142	3,034
<i>Total</i>	<i>1,531</i>	<i>736</i>	<i>637</i>	<i>336</i>	<i>387</i>	<i>203</i>	<i>356</i>	<i>285</i>	<i>4,471</i>
On extended leave	56	32	27	13	15	1	3	3	150
Practising overseas	807	464	230	141	73	42	20	43	1,818
Employed, not in medicine	113	69	15	23	16	1	5	6	249
Currently not employed	199	613	55	50	23	15	11	7	973
Retired from work	914	0	297	286	245	73	10	56	1,880
<i>Total</i>	<i>16,100</i>	<i>10,795</i>	<i>7,104</i>	<i>3,956</i>	<i>3,847</i>	<i>1,173</i>	<i>726</i>	<i>1,040</i>	<i>44,740</i>
<b>Females</b>									
Only in this State	4,745	3,151	2,347	1,235	1,261	314	175	281	13,509
Mainly in this State	85	42	20	26	5	9	5	34	227
<i>Total</i>	<i>4,830</i>	<i>3,193</i>	<i>2,368</i>	<i>1,261</i>	<i>1,265</i>	<i>323</i>	<i>180</i>	<i>315</i>	<i>13,736</i>
Mainly in another State	79	40	17	23	12	12	32	16	233
Only in other States	283	166	107	64	96	36	28	37	817
<i>Total</i>	<i>363</i>	<i>207</i>	<i>125</i>	<i>87</i>	<i>108</i>	<i>48</i>	<i>60</i>	<i>53</i>	<i>1,050</i>
On extended leave	93	69	47	17	5	1	2	9	243
Practising overseas	315	205	80	42	183	13	8	10	856
Employed, not in medicine	58	37	7	8	9	3	0	3	125
Currently not employed	199	257	63	34	17	10	10	12	601
Retired from work	272	0	64	60	46	23	3	20	487
<i>Total</i>	<i>6,130</i>	<i>3,966</i>	<i>2,753</i>	<i>1,509</i>	<i>1,634</i>	<i>420</i>	<i>263</i>	<i>422</i>	<i>17,098</i>
<b>Persons</b>									
Only in this State	16,806	11,673	8,053	4,135	4,290	1,117	479	791	47,345
Mainly in this State	503	401	158	234	63	44	23	164	1,590
<i>Total</i>	<i>17,309</i>	<i>12,074</i>	<i>8,211</i>	<i>4,369</i>	<i>4,354</i>	<i>1,161</i>	<i>502</i>	<i>955</i>	<i>48,934</i>
Mainly in another State	637	291	79	105	90	89	218	160	1,670
Only in other States	1,257	651	683	317	405	162	197	179	3,851
<i>Total</i>	<i>1,894</i>	<i>943</i>	<i>762</i>	<i>423</i>	<i>495</i>	<i>250</i>	<i>416</i>	<i>338</i>	<i>5,521</i>
On extended leave	149	101	73	30	21	3	5	12	393
Practising overseas	1,122	668	310	182	256	54	28	53	2,674
Employed, not in medicine	171	106	23	31	25	4	5	9	374
Currently not employed	398	870	118	84	40	25	21	19	1,575
Retired from work	1,186	0	361	346	290	96	13	76	2,367
<b>Total</b>	<b>22,230</b>	<b>14,761</b>	<b>9,857</b>	<b>5,465</b>	<b>5,481</b>	<b>1,593</b>	<b>989</b>	<b>1,462</b>	<b>61,838</b>

**Table 8: Employed medical practitioners: occupation, age and sex, Australia, 1998**

Occupation	Age (years)							Total
	<25	25-34	35-44	45-54	55-64	65-74	75+	
<b>Males</b>								
<i>Clinician</i>	180	5,778	9,129	9,047	5,449	2,906	779	33,269
Primary care	4	1,410	4,000	4,242	2,261	1,515	495	13,926
Hospital non-specialist	175	1,680	399	172	70	23	1	2,521
Specialist	0	435	4,153	4,563	3,116	1,368	283	13,918
Specialist-in-training	1	2,253	577	70	1	0	0	2,903
<i>Non-clinician</i>	14	212	391	471	387	336	118	1,929
Administrator	0	11	98	126	92	47	1	376
Teacher/educator	0	8	16	35	37	40	2	138
Researcher	0	32	54	30	33	10	15	175
Public health physician	5	73	75	78	34	13	5	283
Occupational health physician	0	10	49	75	44	37	14	229
Other	9	77	100	127	147	189	80	728
<b>Total</b>	<b>194</b>	<b>5,991</b>	<b>9,520</b>	<b>9,518</b>	<b>5,836</b>	<b>3,242</b>	<b>897</b>	<b>35,198</b>
<b>Females</b>								
<i>Clinician</i>	180	4,262	4,635	2,536	841	292	63	12,809
Primary care	1	1,621	2,906	1,657	489	213	38	6,926
Hospital non-specialist	171	1,123	293	109	43	3	0	1,741
Specialist	0	250	1,202	711	309	76	25	2,572
Specialist-in-training	8	1,269	234	59	0	0	0	1,570
<i>Non-clinician</i>	10	213	296	200	129	58	21	927
Administrator	0	17	62	53	29	6	2	168
Teacher/educator	0	3	23	9	12	5	1	53
Researcher	0	37	39	16	3	2	0	97
Public health physician	3	65	65	28	20	12	0	193
Occupational health physician	0	2	21	17	2	1	2	45
Other	7	89	87	78	62	32	16	371
<b>Total</b>	<b>190</b>	<b>4,475</b>	<b>4,931</b>	<b>2,736</b>	<b>970</b>	<b>350</b>	<b>84</b>	<b>13,736</b>
<b>Persons</b>								
<i>Clinician</i>	360	10,041	13,764	11,583	6,290	3,198	843	46,078
Primary care	5	3,031	6,906	5,899	2,751	1,728	534	20,852
Hospital non-specialist	346	2,803	692	282	113	25	1	4,263
Specialist	0	685	5,354	5,274	3,425	1,444	307	16,490
Specialist-in-training	9	3,522	812	129	1	0	0	4,473
<i>Non-clinician</i>	25	425	687	672	515	394	139	2,857
Administrator	0	28	160	179	121	53	3	545
Teacher/educator	0	11	39	44	49	45	3	191
Researcher	0	69	93	46	36	12	15	271
Public health physician	8	138	139	106	54	25	5	476
Occupational health physician	0	12	70	92	47	38	17	275
Other	16	166	187	205	209	221	95	1,099
<b>Total</b>	<b>384</b>	<b>10,466</b>	<b>14,451</b>	<b>12,254</b>	<b>6,806</b>	<b>3,592</b>	<b>981</b>	<b>48,934</b>
<b>(per cent females)</b>								
<i>Clinician</i>	49.9	42.4	33.7	21.9	13.4	9.1	7.5	27.8
Primary care	0.0	53.5	42.1	28.1	17.8	12.3	7.2	33.2
Hospital non specialist	49.4	40.1	42.4	38.8	38.0	10.3	0.0	40.9
Specialist	0.0	36.5	22.4	13.5	9.0	5.3	8.0	15.6
Specialist in training	0.0	36.0	28.9	45.7	0.0	0.0	0.0	35.1
<i>Non-clinician</i>	41.9	50.1	43.1	29.8	24.9	14.7	15.1	32.5
Administrator	0.0	60.8	38.5	29.5	24.1	11.2	51.5	30.9
Teacher/Educator	0.0	28.8	58.9	19.9	24.6	10.7	40.7	27.7
Researcher	0.0	53.2	41.7	34.9	8.4	16.5	0.0	35.7
Public health physician	40.8	47.2	46.3	26.7	36.1	47.6	0.0	40.5
Occupational health physician	0.0	14.5	30.3	18.0	5.1	3.5	13.7	16.5
Other	42.4	53.4	46.7	38.0	29.9	14.5	16.5	33.7
<b>Total</b>	<b>49.4</b>	<b>42.8</b>	<b>34.1</b>	<b>22.3</b>	<b>14.3</b>	<b>9.7</b>	<b>8.6</b>	<b>28.1</b>

**Table 9: Employed medical practitioners: occupation, total hours worked per week and sex, Australia, 1998**

Occupation	Total hours worked per week						Total	(per cent)	
	1-19	20-34	35-49	50-64	65-79	80+		65-79	80+
<b>Males</b>									
Primary care	661	1,240	4,199	5,401	1,503	922	13,926	10.8	6.6
VRGP	479	1,011	3,540	4,956	1,407	867	12,260	11.5	7.1
GP trainees	10	36	226	107	14	9	403	3.6	2.2
OMPs	172	193	433	337	82	46	1,263	6.5	3.6
Hospital non-	39	83	836	1,240	201	122	2,521	8.0	4.9
RMO/interns	16	31	541	994	147	85	1,814	8.1	4.7
Other	23	53	294	246	55	37	707	7.7	5.2
Specialists	688	1,037	3,686	5,413	1,761	1,334	13,918	12.6	9.6
Internal medicine	215	240	785	1,470	557	415	3,682	15.1	11.3
Pathology	27	40	162	232	41	27	529	7.7	5.1
Surgery	140	196	536	1,060	475	424	2,831	16.8	15.0
Other specialties	306	561	2,203	2,651	688	468	6,877	10.0	6.8
Specialists-in-training	17	41	853	1,331	390	271	2,903	13.4	9.3
<i>Total clinicians</i>	<i>1,405</i>	<i>2,402</i>	<i>9,573</i>	<i>13,384</i>	<i>3,855</i>	<i>2,650</i>	<i>33,269</i>	<i>11.6</i>	<i>8.0</i>
Non-clinicians	284	178	583	681	130	74	1,929	6.7	3.8
<i>Total</i>	<i>1,690</i>	<i>2,579</i>	<i>10,156</i>	<i>14,065</i>	<i>3,985</i>	<i>2,724</i>	<i>35,198</i>	<i>11.3</i>	<i>7.7</i>
<b>Females</b>									
Primary care	1,367	2,273	2,049	925	166	145	6,926	2.4	2.1
VRGP	1,109	1,920	1,610	754	136	126	5,655	2.4	2.2
GP trainees	75	144	235	76	15	8	555	2.8	1.5
OMPs	184	208	204	95	14	11	716	2.0	1.5
Hospital non-	77	140	600	759	101	65	1,741	5.8	3.8
RMO/interns	20	41	455	690	91	54	1,351	6.7	4.0
Other	57	99	145	68	10	11	391	2.5	2.8
Specialists	234	608	876	585	152	117	2,572	5.9	4.5
Internal medicine	85	141	217	178	41	34	695	5.9	4.8
Pathology	11	41	73	46	12	10	193	6.0	5.1
Surgery	7	12	26	32	16	14	107	14.7	12.9
Other specialties	131	413	560	328	84	60	1,577	5.3	3.8
Specialists-in-training	40	100	527	674	133	96	1,570	8.4	6.1
<i>Total clinicians</i>	<i>1,719</i>	<i>3,121</i>	<i>4,053</i>	<i>2,942</i>	<i>551</i>	<i>423</i>	<i>12,809</i>	<i>4.3</i>	<i>3.3</i>
Non-clinicians	165	165	330	207	34	25	927	3.7	2.6
<i>Total</i>	<i>1,884</i>	<i>3,287</i>	<i>4,383</i>	<i>3,150</i>	<i>586</i>	<i>447</i>	<i>13,736</i>	<i>4.3</i>	<i>3.3</i>
<b>Persons</b>									
Primary care	2,029	3,513	6,249	6,326	1,670	1,067	20,852	8.0	5.1
VRGP	1,587	2,931	5,150	5,710	1,543	993	17,916	8.6	5.5
GP trainees	86	180	461	184	30	17	958	3.1	1.8
OMPs	356	401	637	432	97	56	1,979	4.9	2.8
Hospital non-	116	224	1,435	1,999	302	188	4,263	7.1	4.4
RMO/interns	36	72	996	1,684	238	140	3,165	7.5	4.4
Other	80	152	439	315	64	48	1,098	5.9	4.4
Specialists	922	1,645	4,562	5,997	1,913	1,451	16,490	11.6	8.8
Internal medicine	300	381	1,002	1,648	598	449	4,377	13.7	10.2
Pathology	38	81	235	278	52	37	722	7.2	5.1
Surgery	148	207	562	1,092	491	438	2,937	16.7	14.9
Other specialties	437	975	2,763	2,979	772	528	8,454	9.1	6.2
Specialists-in-training	58	142	1,380	2,004	522	367	4,473	11.7	8.2
<i>Total clinicians</i>	<i>3,124</i>	<i>5,523</i>	<i>13,626</i>	<i>16,326</i>	<i>4,406</i>	<i>3,073</i>	<i>46,078</i>	<i>9.6</i>	<i>6.7</i>
Non-clinicians	450	343	913	889	164	98	2,857	5.7	3.4
<b>Total</b>	<b>3,573</b>	<b>5,866</b>	<b>14,539</b>	<b>17,215</b>	<b>4,570</b>	<b>3,171</b>	<b>48,934</b>	<b>9.3</b>	<b>6.5</b>



**Table 10: Employed medical practitioners: occupation, total hours worked per week and geographic location of main job, Australia, 1998**

<b>Occupation/ total hours worked per week</b>	<b>Capital city</b>	<b>Other metro centre</b>	<b>Large rural centre</b>	<b>Small rural centre</b>	<b>Other rural area</b>	<b>Remote area</b>	<b>Total</b>
<b>Primary care</b>							
1-19	1,525	126	119	82	129	15	1,996
20-34	2,613	260	165	121	257	40	3,456
35-49	4,535	453	346	297	408	101	6,140
50-64	4,273	467	448	337	656	131	6,313
65-79	1,087	127	92	143	243	34	1,725
80+	622	97	64	159	221	58	1,222
<b>Total</b>	<b>14,656</b>	<b>1,530</b>	<b>1,235</b>	<b>1,140</b>	<b>1,914</b>	<b>378</b>	<b>20,852</b>
<b>Hospital non-specialist</b>							
1-19	99	5	10	2	0	0	116
20-34	189	20	27	7	5	0	247
35-49	1,041	135	134	25	16	37	1,386
50-64	1,603	171	125	59	40	40	2,038
65-79	229	23	14	5	3	3	276
80+	162	9	13	5	1	9	199
<b>Total</b>	<b>3,323</b>	<b>363</b>	<b>323</b>	<b>102</b>	<b>64</b>	<b>88</b>	<b>4,263</b>
<b>Specialists</b>							
1-19	801	56	53	36	30	0	976
20-34	1,427	78	68	62	27	8	1,670
35-49	3,748	274	332	123	35	16	4,528
50-64	4,695	428	445	189	49	25	5,830
65-79	1,550	159	137	53	27	3	1,929
80+	1,151	133	131	92	35	15	1,557
<b>Total</b>	<b>13,371</b>	<b>1,128</b>	<b>1,167</b>	<b>554</b>	<b>202</b>	<b>68</b>	<b>16,490</b>
<b>Specialists-in-training</b>							
1-19	56	4	0	0	0	0	60
20-34	130	12	3	1	0	0	145
35-49	1,219	79	43	4	3	11	1,359
50-64	1,763	124	74	9	4	15	1,989
65-79	459	40	17	3	1	6	526
80+	359	26	6	1	1	0	394
<b>Total</b>	<b>3,986</b>	<b>285</b>	<b>142</b>	<b>19</b>	<b>9</b>	<b>32</b>	<b>4,473</b>
<b>Non-clinicians</b>							
1-19	370	18	21	19	18	4	450
20-34	295	16	10	19	4	0	343
35-49	785	44	41	16	12	14	913
50-64	729	54	51	16	21	18	889
65-79	138	9	10	4	4	0	164
80+	77	3	3	2	11	2	98
<b>Total</b>	<b>2,394</b>	<b>143</b>	<b>137</b>	<b>75</b>	<b>70</b>	<b>39</b>	<b>2,857</b>
<b>Total</b>							
1-19	2,851	209	204	139	176	19	3,597
20-34	4,653	386	274	209	292	47	5,861
35-49	11,329	985	896	464	473	179	14,326
50-64	13,063	1,243	1,144	611	769	229	17,059
65-79	3,463	357	270	207	278	45	4,620
80+	2,371	269	217	259	270	85	3,471
<b>Total</b>	<b>37,728</b>	<b>3,449</b>	<b>3,005</b>	<b>1,890</b>	<b>2,259</b>	<b>604</b>	<b>48,934</b>
<b>(per cent of region)</b>							
<b>Primary care</b>							
65-79	7.4	8.3	7.5	12.5	12.7	8.9	8.3
80+	4.2	6.3	5.2	14.0	11.6	15.4	5.9
<b>Hospital non-specialist</b>							
65-79	6.9	6.2	4.3	4.7	4.4	3.0	6.5
80+	4.9	2.6	4.0	4.6	2.2	10.1	4.7
<b>Specialists</b>							
65-79	11.6	14.1	11.7	9.6	13.5	3.8	11.7
80+	8.6	11.8	11.2	16.6	17.3	22.9	9.4
<b>Specialists-in-training</b>							
65-79	11.5	13.9	11.7	14.9	14.1	19.5	11.8
80+	9.0	9.3	4.3	6.0	14.3	0.0	8.8
<b>Total</b>							
65-79	9.2	10.3	9.0	11.0	12.3	7.5	9.4
80+	6.3	7.8	7.2	13.7	12.0	14.0	7.1

**Table 11: Primary care practitioners: selected characteristics, States and Territories, 1998**

Characteristic	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total	%
Age group:										
Males										
<35	449	276	294	149	171	42	20	12	1,413	10.1
35-44	1,190	1,111	739	356	373	125	37	70	4,000	28.7
45-54	1,506	1,110	680	398	324	113	25	86	4,242	30.5
55-64	902	532	374	168	175	57	26	27	2,261	16.2
65+	784	554	332	123	144	46	12	16	2,010	14.4
Females										
<35	477	355	318	170	186	61	32	23	1,622	23.4
35-44	875	800	522	252	255	81	50	70	2,906	42.0
45-54	592	391	285	132	128	52	11	65	1,657	23.9
55-64	197	120	66	37	48	10	6	5	489	7.1
65+	107	68	29	13	16	7	2	10	251	3.6
Total hours worked per										
Males										
1-19	241	194	97	36	64	21	2	8	661	4.7
20-34	388	338	211	85	144	43	10	20	1,240	8.9
35-49	1,213	1,161	873	334	412	91	37	79	4,199	30.2
50-64	1,648	1,367	1,097	551	436	171	41	89	5,401	38.8
65-79	658	393	130	150	108	45	9	11	1,503	10.8
80+	684	129	12	38	23	12	19	5	922	6.6
Mean	55.3	49.6	46.8	51.0	46.7	49.5	55.8	46.8	51.6	
Females										
1-19	415	394	239	104	142	40	9	24	1,367	19.7
20-34	697	540	404	230	216	88	35	63	2,273	32.8
35-49	645	504	397	175	188	46	36	59	2,049	29.6
50-64	304	229	167	82	73	31	17	22	925	13.4
65-79	82	46	15	6	12	3	0	3	166	2.4
80+	104	23	0	7	3	1	5	2	145	2.1
Mean	36.5	31.9	32.5	33.5	31.4	31.9	39.1	33.8	34.2	
Persons										
Mean	49.1	43.7	41.8	45.1	41.4	42.7	47.9	41.0	45.3	
Region of main job:										
Males										
Capital city	3,303	2,688	1,167	899	918	189	54	211	9,429	67.7
Other metro centre	545	139	419	0	0	0	0	0	1,103	7.9
Large rural centre	211	167	364	11	0	78	0	0	831	6.0
Small rural centre	313	209	157	65	81	35	0	0	860	6.2
Other rural area	436	372	244	212	95	75	7	0	1,442	10.4
Remote zone	24	7	68	6	94	5	58	0	262	1.9
Females										
Capital city	1,680	1,390	753	508	532	129	63	173	5,227	75.5
Other metro centre	235	63	130	0	0	0	0	0	427	6.2
Large rural centre	104	79	182	0	0	39	0	0	404	5.8
Small rural centre	101	68	55	17	24	14	0	0	279	4.0
Other rural area	120	133	83	74	33	29	2	0	473	6.8
Remote zone	8	2	19	5	45	0	37	0	115	1.7
Work setting of main job:										
Private rooms	6,023	4,500	3,229	1,660	1,634	542	134	331	18,054	86.6
Non-residential facility	147	184	53	34	35	21	8	8	490	2.3
Aboriginal health service	18	11	27	4	36	1	51	3	153	0.7
Acute care hospital	736	459	182	28	43	10	3	1	1,462	7.0
Other residential facility	9	17	0	6	8	3	0	1	45	0.2
Educational institution	33	60	38	18	11	6	5	11	183	0.9
Defence forces	41	22	33	5	13	2	7	16	137	0.7
Other	72	63	78	43	41	9	12	13	329	1.6
Males	4,832	3,582	2,419	1,194	1,188	383	119	211	13,926	66.8
Females	2,248	1,735	1,221	604	634	210	101	173	6,926	33.2
<b>Total</b>	<b>7,080</b>	<b>5,316</b>	<b>3,640</b>	<b>1,798</b>	<b>1,821</b>	<b>593</b>	<b>220</b>	<b>384</b>	<b>20,852</b>	<b>100.0</b>

**Table 12: Primary care practitioners: selected characteristics, region of main job, Australia, 1998**

Characteristic	Region of main job						Total	%
	Capital city	Other metro centre	Large rural centre	Small rural centre	Other rural area	Remote zone		
Average age:								
Males	49.8	50.6	47.6	48.0	48.2	45.4	49.5	..
Females	42.7	41.6	41.6	42.3	41.7	40.2	42.4	..
Total hours worked:								
Males								
1-19	474	50	29	24	55	16	649	4.7
20-34	871	102	46	43	108	20	1,190	8.5
35-49	3,015	329	239	228	297	61	4,169	29.9
50-64	3,633	424	376	308	573	96	5,411	38.9
65-79	945	118	85	127	215	39	1,529	11.0
80+	490	79	55	130	194	30	978	7.0
Mean	50.2	51.4	52.8	57.8	57.3	55.3	51.6	..
Females								
1-19	1,073	77	88	52	73	6	1,369	19.8
20-34	1,765	159	120	79	150	20	2,293	33.1
35-49	1,586	126	110	69	121	33	2,044	29.5
50-64	612	42	72	47	90	36	900	13.0
65-79	108	7	7	15	24	6	167	2.4
80+	83	17	9	18	14	14	154	2.2
Mean	33.4	34.2	34.3	39.8	37.7	49.8	34.2	..
Work setting of main job:								
Private rooms	12,683	1,308	1,080	1,016	1,722	243	18,053	86.6
Non-residential facility	375	29	25	12	30	18	490	2.3
Aboriginal health service	56	7	9	7	9	56	143	0.7
Acute care hospital	1,016	132	87	88	126	33	1,483	7.1
Other residential facility	31	8	1	1	0	0	42	0.2
Educational institution	148	14	10	4	1	3	181	0.9
Defence forces	102	11	6	3	14	0	136	0.7
Other	244	21	17	7	12	23	324	1.6
Country of initial qualification:								
Males								
Australia	6,907	767	631	635	1,146	196	10,282	73.8
New Zealand	138	34	10	24	8	11	225	1.6
United Kingdom/Ireland	604	121	123	124	167	30	1,169	8.4
Asia	1,083	125	28	34	66	9	1,345	9.7
Other countries	696	55	40	42	55	16	905	6.5
Females								
Australia	4,076	355	341	218	402	85	5,478	79.1
New Zealand	76	3	4	1	5	11	100	1.4
United Kingdom/Ireland	290	24	42	40	42	16	454	6.6
Asia	463	32	7	8	11	0	520	7.5
Other countries	321	14	9	12	14	4	374	5.4
Australian residency status:								
Males								
Australian citizen	8,801	1,023	761	796	1,334	239	12,953	93.0
Permanent resident	610	69	56	65	92	14	905	6.5
Not permanent resident	18	11	15	0	16	10	68	0.5
Females								
Australian citizen	4,848	402	376	247	438	105	6,415	92.6
Permanent resident	363	22	21	29	31	9	477	6.9
Not permanent resident	16	3	7	3	3	2	34	0.5
Males	9,429	1,103	831	860	1,442	262	13,926	66.8
Females	5,227	427	404	279	473	115	6,926	33.2
<b>Total</b>	<b>14,656</b>	<b>1,530</b>	<b>1,235</b>	<b>1,140</b>	<b>1,914</b>	<b>378</b>	<b>20,852</b>	<b>100.0</b>

**Table 13: Primary care practitioners: sex, qualification and main field of practice, States and Territories, 1998**

<b>Qualification/ main field of practice</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>SA</b>	<b>WA</b>	<b>Tas</b>	<b>NT</b>	<b>ACT</b>	<b>Total</b>
<b>Males</b>									
VRGP									
General practice	4,082	2,942	2,010	1,025	994	333	88	170	11,643
Special interest area	191	215	79	51	47	16	9	10	617
Total	4,273	3,157	2,088	1,076	1,040	349	97	179	12,260
RACGP trainee									
General practice	121	76	81	32	50	6	13	6	385
Special interest area	4	2	6	2	5	0	0	0	18
Total	125	77	87	34	55	6	13	6	403
OMP									
General practice	320	251	173	64	75	19	4	11	917
Special interest area	115	96	71	19	17	8	5	14	346
Total	434	348	244	83	92	28	8	25	1,263
Total									
General practice	4,523	3,268	2,263	1,121	1,119	358	106	187	12,945
Special interest area	309	313	156	73	69	24	13	24	981
Total	4,832	3,582	2,419	1,194	1,188	383	119	211	13,926
<b>Females</b>									
VRGP									
General practice	1,704	1,318	946	443	483	164	64	153	5,274
Special interest area	116	114	49	45	29	11	13	5	381
Total	1,819	1,432	995	488	512	175	77	157	5,655
RACGP trainee									
General practice	160	125	102	55	50	22	8	8	529
Special interest area	8	5	4	3	2	0	3	0	26
Total	168	129	105	58	52	22	12	8	555
OMP									
General practice	186	106	74	39	40	9	10	0	463
Special interest area	74	67	47	20	29	4	3	8	252
Total	260	173	121	58	69	13	13	8	716
Total									
General practice	2,050	1,549	1,121	536	573	195	82	160	6,267
Special interest area	198	186	100	68	60	15	19	12	659
Total	2,248	1,735	1,221	604	634	210	101	173	6,926
<b>Persons</b>									
VRGP									
General practice	5,786	4,260	2,955	1,468	1,477	497	152	322	16,917
Special interest area	306	329	128	96	76	27	22	14	998
Total	6,092	4,589	3,083	1,564	1,553	524	174	337	17,916
RACGP trainee									
General practice	281	200	183	86	100	28	22	14	914
Special interest area	12	6	9	6	7	0	3	0	44
Total	293	206	192	92	107	28	25	14	958
OMP									
General practice	505	357	246	103	116	29	14	11	1,381
Special interest area	189	164	118	39	46	12	8	22	598
Total	694	521	365	142	161	41	22	33	1,979
Total									
General practice	6,572	4,817	3,384	1,658	1,692	554	187	347	19,211
Special interest area	508	499	256	140	129	39	33	37	1,641
Total	<b>7,080</b>	<b>5,316</b>	<b>3,640</b>	<b>1,798</b>	<b>1,821</b>	<b>593</b>	<b>220</b>	<b>384</b>	<b>20,852</b>

Note: A further dissection of VRGPs, RACGP trainees and OMPs is available in Tables 50–61 on the Internet (<http://www.aihw.gov.au>).

**Table 14: Primary care practitioners: number of practitioners in practice, sex, States and Territories, 1998**

No. of	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
<b>Males</b>									
One	1,433	n.a.	388	236	248	86	43	26	2,460
Two	929	n.a.	307	141	196	67	17	50	1,706
Three	609	n.a.	302	157	169	37	14	43	1,331
Four	530	n.a.	237	142	120	58	14	22	1,123
Five or more	1,331	n.a.	1,185	518	455	135	31	70	3,725
<b>Total</b>	<b>4,832</b>	<b>n.a.</b>	<b>2,419</b>	<b>1,194</b>	<b>1,188</b>	<b>383</b>	<b>119</b>	<b>211</b>	<b>10,345</b>
<b>Females</b>									
One	323	n.a.	95	59	38	14	17	13	559
Two	433	n.a.	179	76	95	28	10	26	848
Three	398	n.a.	200	101	91	36	18	41	885
Four	331	n.a.	177	69	115	28	10	36	765
Five or more	764	n.a.	571	299	294	103	47	56	2,135
<b>Total</b>	<b>2,248</b>	<b>n.a.</b>	<b>1,221</b>	<b>604</b>	<b>634</b>	<b>210</b>	<b>101</b>	<b>173</b>	<b>5,191</b>
<b>Persons</b>									
One	1,756	n.a.	483	295	286	100	60	39	3,019
Two	1,362	n.a.	486	217	291	95	27	76	2,554
Three	1,007	n.a.	502	257	260	73	31	84	2,216
Four	860	n.a.	414	211	235	86	24	58	1,888
Five or more	2,095	n.a.	1,756	817	749	239	77	126	5,859
<b>Total</b>	<b>7,080</b>	<b>n.a.</b>	<b>3,640</b>	<b>1,798</b>	<b>1,821</b>	<b>593</b>	<b>220</b>	<b>384</b>	<b>15,536</b>
<b>(per cent of persons)</b>									
One	24.8	n.a.	13.3	16.4	15.7	16.9	27.3	10.2	19.4
Two	19.2	n.a.	13.3	12.1	16.0	16.1	12.4	19.8	16.4
Three	14.2	n.a.	13.8	14.3	14.3	12.3	14.3	22.0	14.3
Four	12.2	n.a.	11.4	11.7	12.9	14.5	10.8	15.0	12.2
Five or more	29.6	n.a.	48.2	45.5	41.1	40.3	35.1	33.0	37.7
<b>Total</b>	<b>100.0</b>	<b>n.a.</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

**Table 15: Estimated number<sup>(a)</sup> of primary care practices: size of practice, States and Territories, 1998**

No. of	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
One	1,756	n.a.	483	295	286	100	60	39	3,019
Two	681	n.a.	243	109	145	48	14	38	1,277
Three	336	n.a.	167	86	87	24	10	28	739
Four	215	n.a.	104	53	59	21	6	14	472
Five or more	299	n.a.	251	117	107	34	11	18	837
<b>Total</b>	<b>3,287</b>	<b>n.a.</b>	<b>1,247</b>	<b>659</b>	<b>684</b>	<b>228</b>	<b>101</b>	<b>138</b>	<b>6,344</b>
<b>(per cent of practices)</b>									
One	53.4	n.a.	38.7	44.8	41.8	43.9	59.4	28.4	47.6
Two	20.7	n.a.	19.5	16.5	21.3	20.9	13.5	27.6	20.1
Three	10.2	n.a.	13.4	13.0	12.7	10.7	10.3	20.4	11.6
Four	6.5	n.a.	8.3	8.0	8.6	9.4	5.9	10.4	7.4
Five or more	9.1	n.a.	20.1	17.7	15.6	15.0	10.9	13.1	13.2
<b>Total</b>	<b>100.0</b>	<b>n.a.</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Calculated by dividing the number of practitioners by the number of practitioners in each practice. In practices with five or more practitioners seven was chosen as the divisor.

**Table 16: Specialists: main specialty of practice, States and Territories, 1998**

Main specialty of practice	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<i>Internal medicine</i>	1,597	1,143	647	407	369	81	40	94	4,377
Cardiology	250	139	78	51	37	13	0	11	579
Clinical genetics	11	0	1	4	3	0	0	0	20
Clinical haematology	62	25	24	10	8	3	0	5	135
Clinical immunology	45	25	7	13	5	0	0	5	99
Clinical pharmacology	6	3	2	7	5	0	0	0	22
Endocrinology	78	68	30	21	15	8	0	2	221
Gastroenterology	135	110	54	38	34	5	0	6	382
General medicine	136	139	149	50	62	14	12	10	572
Geriatrics	86	65	14	14	16	1	2	6	206
Infectious diseases	25	41	15	6	3	3	5	5	102
Medical oncology	61	54	12	16	16	3	0	5	167
Neurology	118	79	36	27	24	4	0	5	292
Nuclear medicine	64	30	16	8	12	5	0	6	141
Paediatric medicine	269	200	134	80	69	13	13	15	793
Renal medicine	68	55	17	13	8	1	5	3	170
Rheumatology	83	59	17	19	20	4	0	6	209
Thoracic medicine	99	53	42	31	32	3	3	5	267
<i>Pathology</i>	279	151	106	67	87	12	7	13	722
General pathology	50	14	30	3	3	1	0	3	106
Anatomical pathology	133	73	46	44	41	7	3	6	353
Clinical chemistry	14	13	9	4	8	0	0	2	49
Cytopathology	14	8	0	0	8	0	0	0	31
Forensic pathology	10	4	3	1	3	0	2	0	23
Haematology	17	16	14	6	5	1	0	2	61
Immunology	7	3	3	3	5	0	0	0	20
Microbiology	34	20	2	5	13	3	2	0	78
<i>Surgery</i>	996	808	471	280	254	57	21	52	2,937
General surgery	358	288	180	88	75	17	14	8	1,028
Cardiothoracic surgery	32	33	15	5	6	1	0	3	97
Neurosurgery	35	28	11	14	6	3	0	5	102
Orthopaedic surgery	242	170	119	87	69	11	3	13	714
Otolaryngology (ENT)	99	79	49	24	36	4	3	8	302
Paediatric surgery	25	23	9	8	6	3	0	3	77
Plastic surgery	77	82	30	28	26	7	0	6	256
Urology	72	62	36	19	21	9	0	3	222
Vascular surgery	57	43	22	6	8	1	0	3	140
<i>Other specialties</i>	2,876	2,437	1,305	731	731	189	47	138	8,454
Anaesthesia	615	537	362	176	189	52	11	30	1,972
Dermatology	122	73	46	21	27	3	0	6	299
Diagnostic radiology	364	275	173	80	113	28	0	27	1,060
Emergency medicine	109	82	41	11	35	12	2	5	296
Intensive care	80	61	29	26	25	5	3	3	232
Medical administration	23	18	8	3	5	3	0	0	60
Obstetrics & gynaecology	339	299	169	102	99	24	10	14	1,055
Occupational medicine	23	42	3	7	2	4	0	5	85
Ophthalmology	244	197	113	68	68	11	4	10	713
Psychiatry	624	628	312	199	146	39	10	28	1,985
Public health medicine	22	14	2	1	8	0	7	0	54
Radiation oncology	55	48	27	4	8	4	0	5	152
Rehabilitation medicine	88	55	9	12	5	0	0	5	175
Other	167	109	11	20	0	7	0	0	315
<b>Total</b>	<b>5,748</b>	<b>4,539</b>	<b>2,528</b>	<b>1,485</b>	<b>1,440</b>	<b>339</b>	<b>115</b>	<b>296</b>	<b>16,490</b>

**Table 17: All medical specialists<sup>(a)</sup> practising in each specialty, sex, Australia, 1998**

Specialty of practice	Main field of practice		Second field of practice		Third field of practice		Total		
	Males	Females	Males	Females	Males	Females	Males	Females	Persons
<i>Internal medicine</i>									
Cardiology	527	52	52	4	16	3	594	59	653
Clinical genetics	11	9	3	1	1	0	15	11	25
Clinical haematology	109	26	50	6	7	0	166	32	198
Clinical immunology	90	9	30	4	4	0	123	13	136
Clinical pharmacology	17	5	17	4	9	0	42	9	51
Endocrinology	169	52	58	5	11	0	238	57	296
Gastroenterology	348	34	62	9	7	0	417	43	461
General medicine	512	59	328	56	58	4	898	119	1,017
Geriatrics	160	45	34	5	4	0	198	50	248
Infectious diseases	78	25	33	4	3	1	114	29	143
Medical oncology	136	31	32	6	10	0	178	37	215
Neurology	264	29	21	1	2	0	286	30	316
Nuclear medicine	129	11	56	6	3	0	188	17	206
Paediatric medicine	599	193	48	19	2	3	650	215	865
Renal medicine	142	28	25	1	3	0	170	30	199
Rheumatology	161	47	11	2	7	1	180	51	230
Thoracic medicine	229	39	43	5	3	0	275	43	318
<i>Pathology</i>									
General pathology	89	16	12	1	10	1	112	19	131
Anatomical pathology	247	106	31	3	3	0	281	109	390
Clinical chemistry	44	5	7	2	5	0	56	7	63
Cytopathology	17	14	72	32	4	0	93	46	139
Forensic pathology	21	3	5	0	5	0	31	3	33
Haematology	30	31	53	14	10	2	92	47	140
Immunology	15	5	18	1	7	0	40	6	46
Microbiology	65	13	17	6	6	2	88	21	109
<i>Surgery</i>									
General surgery	991	37	53	2	2	0	1,046	40	1,086
Cardiothoracic surgery	92	5	5	0	2	0	99	5	104
Neurosurgery	93	8	2	0	0	0	96	8	104
Orthopaedic surgery	706	8	16	1	0	0	721	10	731
Otolaryngology (ENT)	289	13	1	0	1	0	291	13	304
Paediatric surgery	68	9	9	0	0	0	77	9	86
Plastic surgery	241	15	25	2	3	1	269	19	288
Urology	217	6	16	1	7	0	239	7	246
Vascular surgery	135	5	13	0	5	0	153	5	158
<i>Other specialties</i>									
Anaesthesia	1,628	344	37	7	2	0	1,668	351	2,019
Dermatology	217	82	6	0	0	0	223	82	305
Diagnostic radiology	899	161	36	7	10	1	946	169	1,115
Emergency medicine	234	62	9	4	10	0	253	66	319
Intensive care	203	29	113	14	12	0	329	43	371
Medical administration	48	11	74	9	29	1	151	22	173
Obstetrics &	898	158	20	4	1	0	919	162	1,081
Occupational medicine	76	9	9	1	6	0	90	11	101
Ophthalmology	644	69	0	0	0	0	644	69	713
Psychiatry	1,473	512	2	4	1	0	1,477	516	1,993
Public health medicine	39	15	34	9	13	0	86	24	110
Radiation oncology	121	31	1	0	1	0	123	31	155
Rehabilitation medicine	136	39	33	7	11	1	180	46	226
Other	261	54	111	10	32	5	405	69	474
<b>Total</b>	<b>13,918</b>	<b>2,572</b>	<b>1,744</b>	<b>281</b>	<b>348</b>	<b>27</b>	<b>16,011</b>	<b>2,880</b>	<b>18,891</b>

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

Table 18: Specialists: total hours worked per week, age and sex, Australia, 1998

Hours worked	Age (years)						Total	%
	<35	35-44	45-54	55-64	65-74	75+		
<b>Males</b>								
1-19	13	60	44	133	366	116	732	5.3
20-34	13	161	164	276	368	83	1,066	7.7
35-49	178	1,111	1,116	909	335	54	3,702	26.6
50-64	165	1,790	2,022	1,166	211	23	5,377	38.6
65-79	45	595	703	341	48	5	1,738	12.5
80+	21	435	514	291	40	2	1,304	9.4
<i>Total</i>	<i>435</i>	<i>4,153</i>	<i>4,563</i>	<i>3,116</i>	<i>1,368</i>	<i>283</i>	<i>13,918</i>	<i>100.0</i>
Average hours	50.9	56.4	57.8	52.8	33.6	25.0	53.4	
<b>Females</b>								
1-19	17	111	36	27	37	10	238	9.2
20-34	36	318	163	68	15	7	607	23.6
35-49	126	378	238	120	11	7	879	34.2
50-64	55	265	188	63	8	0	580	22.5
65-79	14	66	52	20	0	0	153	5.9
80+	1	64	34	11	5	0	115	4.5
<i>Total</i>	<i>250</i>	<i>1,202</i>	<i>711</i>	<i>309</i>	<i>76</i>	<i>25</i>	<i>2,572</i>	<i>100.0</i>
Average hours	41.9	42.6	45.1	42.8	28.9	23.8	42.9	
<b>Persons</b>								
1-19	30	171	80	159	403	127	970	5.9
20-34	49	479	327	344	383	90	1,673	10.1
35-49	304	1,489	1,354	1,028	345	61	4,581	27.8
50-64	220	2,054	2,210	1,229	219	23	5,956	36.1
65-79	60	662	755	361	48	5	1,891	11.5
80+	23	499	548	303	45	2	1,419	8.6
<b>Total</b>	<b>685</b>	<b>5,354</b>	<b>5,274</b>	<b>3,425</b>	<b>1,444</b>	<b>307</b>	<b>16,490</b>	<b>100.0</b>
Average hours	47.7	53.2	56.0	51.9	33.4	24.9	51.5	



Table 19: Specialists-in-training: total hours worked per week, age and sex, Australia, 1998

Total hours worked per week	Age (years)			Total	% of sex	% of in age
	Under 35	35–44	45 and over			
<b>Males</b>						
1–19	14	2	1	17	0.6	30.0
20–34	26	14	1	41	1.4	29.1
40–49	620	201	32	853	29.4	61.8
50–64	1,041	260	30	1,331	45.8	66.4
65–79	330	55	6	390	13.4	74.6
80 and over	222	47	2	271	9.3	73.9
<i>Total</i>	<i>2,253</i>	<i>578</i>	<i>72</i>	<i>2,903</i>	<i>100.0</i>	<i>64.9</i>
<b>Females</b>						
1–19	31	4	6	40	2.6	70.0
20–34	53	43	4	100	6.4	70.9
40–49	420	80	27	527	33.6	38.2
50–64	579	73	21	674	42.9	33.6
65–79	115	16	1	133	8.4	25.4
80 and over	78	17	0	96	6.1	26.1
<i>Total</i>	<i>1,277</i>	<i>234</i>	<i>59</i>	<i>1,570</i>	<i>100.0</i>	<i>35.1</i>
<b>Persons</b>						
1–19	45	6	7	58	1.3	100.0
20–34	79	57	5	142	3.2	100.0
40–49	1,040	281	59	1,380	30.8	100.0
50–64	1,621	333	51	2,004	44.8	100.0
65–79	445	71	7	522	11.7	100.0
80 and over	300	65	2	367	8.2	100.0
<b>Total</b>	<b>3,530</b>	<b>813</b>	<b>130</b>	<b>4,473</b>	<b>100.0</b>	<b>100.0</b>

**Table 20: Specialists-in-training: specialty of training, States and Territories, 1998**

<b>Specialty of training</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>SA</b>	<b>WA</b>	<b>Tas</b>	<b>NT</b>	<b>ACT</b>	<b>Total</b>
<i>Internal medicine</i>	460	295	202	119	123	14	19	19	1,250
Cardiology	39	16	8	16	14	0	0	5	98
Clinical genetics	10	0	0	0	0	0	0	0	10
Clinical haematology	10	4	5	4	5	0	0	0	27
Clinical immunology	5	1	0	0	2	0	0	0	8
Clinical pharmacology	1	1	2	0	0	0	0	0	4
Endocrinology	15	7	4	2	6	0	0	2	36
Gastroenterology	23	10	6	12	13	0	0	2	65
General medicine	83	67	80	23	16	11	5	2	287
Geriatrics	16	15	4	2	8	0	0	2	48
Infectious diseases	16	15	5	4	3	2	6	0	50
Medical oncology	14	21	6	7	2	2	0	0	50
Neurology	15	7	5	2	0	0	0	0	29
Nuclear medicine	19	8	0	4	4	0	0	0	34
Paediatric medicine	157	93	67	30	40	0	5	6	397
Renal medicine	10	10	0	0	3	0	0	0	24
Rheumatology	9	9	3	8	3	0	2	2	36
Thoracic medicine	19	10	9	6	4	0	0	0	48
<i>Pathology</i>	52	28	20	3	8	4	4	5	124
General pathology	2	1	0	0	0	0	0	0	4
Anatomical pathology	25	21	15	2	7	4	2	3	78
Clinical chemistry	1	0	0	0	0	0	0	0	1
Cytopathology	0	0	2	0	0	0	0	0	2
Haematology	11	5	0	0	2	0	0	2	19
Immunology	3	0	2	0	0	0	0	0	4
Microbiology	10	1	2	1	0	0	2	0	16
<i>Surgery</i>	258	114	132	69	59	13	2	7	653
General surgery	104	45	57	22	16	8	2	0	253
Cardiothoracic surgery	9	8	5	2	2	3	0	0	28
Neurosurgery	13	2	6	7	2	0	0	2	31
Orthopaedic surgery	81	29	33	14	21	3	0	3	184
Otolaryngology (ENT)	16	11	9	14	8	0	0	0	58
Paediatric surgery	4	1	2	2	2	0	0	0	10
Plastic surgery	15	7	8	2	5	0	0	2	38
Urology	14	7	11	7	2	0	0	0	40
Vascular surgery	2	4	3	0	2	0	0	0	11
<i>Other specialties</i>	900	576	386	255	207	46	23	51	2,445
Anaesthesia	218	122	98	75	44	17	2	7	583
Dermatology	22	16	17	8	3	0	0	0	66
Diagnostic radiology	60	42	23	15	13	5	0	6	165
Emergency medicine	153	133	84	46	41	8	0	14	479
Intensive care	16	12	9	8	8	0	3	5	61
Medical administration	4	1	2	4	0	0	0	0	11
Obstetrics &	98	59	43	36	16	6	9	7	273
Occupational medicine	3	13	0	0	6	0	0	0	23
Ophthalmology	42	27	12	7	12	1	2	0	102
Psychiatry	198	115	84	46	58	8	3	9	523
Public health medicine	2	4	0	0	0	0	4	2	12
Radiation oncology	23	15	8	4	5	0	0	0	54
Rehabilitation medicine	32	9	3	0	0	0	0	0	44
Other	29	8	4	6	0	0	0	2	49
<b>Total</b>	<b>1,670</b>	<b>1,013</b>	<b>740</b>	<b>446</b>	<b>397</b>	<b>78</b>	<b>47</b>	<b>81</b>	<b>4,473</b>

**Table 21: Hospital non-specialists: classification, age and sex, States and Territories, 1998**

Classification/age	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total
<b>Males</b>									
Intern/RMO									
<25	72	0	46	14	30	11	2	0	175
25-34	643	210	260	120	127	26	16	26	1,426
35-44	55	25	39	3	10	2	8	6	149
45-54	18	31	7	1	0	0	2	5	64
<i>Total</i>	<i>788</i>	<i>266</i>	<i>352</i>	<i>139</i>	<i>167</i>	<i>39</i>	<i>27</i>	<i>37</i>	<i>1,814</i>
Other <sup>(a)</sup>									
<35	94	16	87	23	27	3	2	2	254
35-44	87	62	57	18	10	7	5	3	250
45-54	38	20	34	7	7	0	5	6	117
55+	23	19	26	7	4	0	5	3	87
<i>Total</i>	<i>242</i>	<i>117</i>	<i>204</i>	<i>55</i>	<i>47</i>	<i>11</i>	<i>17</i>	<i>14</i>	<i>707</i>
<b>Total</b>									
<25	72	0	46	14	30	11	2	0	175
25-34	737	226	347	143	154	29	18	27	1,680
35-44	143	87	96	22	19	10	13	9	399
45-54	47	51	41	8	7	0	7	11	172
55+	31	19	26	7	4	0	5	3	94
<b>Total</b>	<b>1,030</b>	<b>383</b>	<b>556</b>	<b>193</b>	<b>214</b>	<b>50</b>	<b>44</b>	<b>50</b>	<b>2,521</b>
<b>Females</b>									
Intern/RMO									
<25	55	0	51	23	28	4	3	6	171
25-34	460	63	224	67	110	25	21	16	987
35-44	74	36	20	4	14	2	0	11	161
45-54	16	0	6	4	2	0	2	2	31
<i>Total</i>	<i>604</i>	<i>99</i>	<i>302</i>	<i>98</i>	<i>155</i>	<i>31</i>	<i>26</i>	<i>35</i>	<i>1,351</i>
Other <sup>(a)</sup>									
<35	44	7	39	18	20	2	0	4	135
35-44	47	10	24	21	13	6	2	8	132
45-54	30	23	13	8	3	1	2	2	80
55+	8	12	13	4	3	0	2	2	43
<i>Total</i>	<i>130</i>	<i>52</i>	<i>89</i>	<i>51</i>	<i>39</i>	<i>10</i>	<i>5</i>	<i>15</i>	<i>391</i>
<b>Total</b>									
<25	55	0	51	23	28	4	3	6	171
25-34	504	70	263	85	130	27	21	21	1,123
35-44	121	46	45	26	28	8	2	18	293
45-54	43	23	19	11	5	1	3	3	109
55+	11	12	13	4	3	0	2	2	46
<b>Total</b>	<b>734</b>	<b>151</b>	<b>391</b>	<b>149</b>	<b>194</b>	<b>40</b>	<b>31</b>	<b>50</b>	<b>1,741</b>
<b>Persons</b>									
Intern/RMO									
<25	127	0	98	38	59	14	5	6	346
25-34	1,103	273	484	187	237	51	37	42	2,414
35-44	130	61	59	8	24	4	8	17	310
45-54	33	31	14	5	2	0	3	6	95
<i>Total</i>	<i>1,392</i>	<i>365</i>	<i>655</i>	<i>237</i>	<i>322</i>	<i>70</i>	<i>53</i>	<i>71</i>	<i>3,165</i>
Other <sup>(a)</sup>									
<35	138	23	126	41	47	5	2	6	389
35-44	135	72	81	39	23	14	7	11	382
45-54	68	43	46	14	10	1	7	8	197
55+	32	31	39	11	6	0	7	5	130
<i>Total</i>	<i>372</i>	<i>169</i>	<i>293</i>	<i>106</i>	<i>86</i>	<i>20</i>	<i>22</i>	<i>29</i>	<i>1,098</i>
<b>Total</b>									
<25	127	0	98	38	59	14	5	6	346
25-34	1,241	296	610	228	284	57	39	48	2,803
35-44	264	133	141	47	47	18	15	28	692
45-54	91	74	60	19	12	1	10	14	282
55+	42	31	39	11	6	0	7	5	140
<b>Total</b>	<b>1,765</b>	<b>534</b>	<b>948</b>	<b>343</b>	<b>408</b>	<b>90</b>	<b>75</b>	<b>100</b>	<b>4,263</b>

(a) Mainly CMOs, HMOs, and other salaried non-specialists.

**Table 22: Hospital non-specialists: classification and sector of employment, States and Territories, 1998**

<b>Classification/ sector</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>SA</b>	<b>WA</b>	<b>Tas</b>	<b>NT</b>	<b>ACT</b>	<b>Total</b>
Intern/RMO									
Private sector	151	28	32	8	9	6	0	2	235
Public sector	1,241	337	623	229	313	64	53	70	2,930
All sectors	1,392	365	655	237	322	70	53	71	3,165
Other <sup>(a)</sup>									
Private sector	73	34	55	20	6	12	1	3	206
Public sector	299	135	238	85	79	8	21	26	892
All sectors	372	169	293	106	86	20	22	29	1,098
Total									
Private sector	224	62	87	28	15	18	1	5	441
Public sector	1,540	473	860	314	393	72	74	96	3,822
All sectors	1,765	534	948	343	408	90	75	100	4,263

(a) Mainly CMOs, HMOs and other salaried non-specialists.

**Table 23: Interns and RMOs: total hours worked per week, sex, States and Territories, 1998**

<b>Total hours per week</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>SA</b>	<b>WA</b>	<b>Tas</b>	<b>NT</b>	<b>ACT</b>	<b>Total</b>
<b>Males</b>									
0–19	11	3	0	0	1	0	0	0	16
20–34	19	6	3	3	0	0	0	0	31
35–49	173	75	129	61	62	21	8	11	541
50–64	462	132	211	61	88	11	11	18	994
65–79	74	36	8	8	12	4	2	3	147
80+	48	14	1	5	3	4	6	5	85
<b>Total</b>	<b>788</b>	<b>266</b>	<b>352</b>	<b>139</b>	<b>167</b>	<b>39</b>	<b>27</b>	<b>37</b>	<b>1,814</b>
<b>Females</b>									
0–19	16	1	1	0	1	0	0	0	20
20–34	27	3	1	5	1	0	2	2	41
35–49	153	30	134	42	59	16	10	11	455
50–64	323	49	156	49	69	14	9	21	690
65–79	50	11	9	0	21	0	0	0	91
80+	35	5	1	2	4	0	5	2	54
<b>Total</b>	<b>604</b>	<b>99</b>	<b>302</b>	<b>98</b>	<b>155</b>	<b>31</b>	<b>26</b>	<b>35</b>	<b>1,351</b>
<b>Persons</b>									
0–19	28	4	1	0	3	0	0	0	36
20–34	47	8	4	7	1	0	2	2	72
35–49	326	105	263	103	122	38	18	21	996
50–64	784	181	367	110	157	25	20	39	1,684
65–79	124	48	17	8	33	4	2	3	238
80+	83	18	3	8	7	4	11	6	140
<b>Total</b>	<b>1,392</b>	<b>365</b>	<b>655</b>	<b>237</b>	<b>322</b>	<b>70</b>	<b>53</b>	<b>71</b>	<b>3,165</b>

**Table 24: Other hospital medical practitioners<sup>(a)</sup>: total hours worked per week, sex, States and Territories, 1998**

<b>Total hours per week</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>SA</b>	<b>WA</b>	<b>Tas</b>	<b>NT</b>	<b>ACT</b>	<b>Total</b>
<b>Males</b>									
0–19	8	8	4	0	3	0	0	0	23
20–34	33	10	6	4	0	0	0	0	53
35–49	90	57	93	26	17	5	5	3	294
50–64	69	23	93	18	22	6	7	8	246
65–79	24	13	4	5	6	0	2	0	55
80+	18	7	4	2	0	0	3	3	37
<b>Total</b>	<b>242</b>	<b>117</b>	<b>204</b>	<b>55</b>	<b>47</b>	<b>11</b>	<b>17</b>	<b>14</b>	<b>707</b>
<b>Females</b>									
0–19	23	6	11	8	9	0	0	0	57
20–34	47	14	17	9	8	0	0	5	99
35–49	31	22	35	26	12	8	5	6	145
50–64	20	7	23	6	8	2	0	3	68
65–79	4	2	1	0	3	0	0	0	10
80+	6	1	1	2	0	0	0	2	11
<b>Total</b>	<b>130</b>	<b>52</b>	<b>89</b>	<b>51</b>	<b>39</b>	<b>10</b>	<b>5</b>	<b>15</b>	<b>391</b>
<b>Persons</b>									
0–19	31	15	15	8	12	0	0	0	80
20–34	80	24	23	13	8	0	0	5	152
35–49	121	79	128	52	28	13	10	9	439
50–64	89	30	116	24	29	8	7	11	315
65–79	28	15	5	5	9	0	2	0	64
80+	24	8	5	3	0	0	3	5	48
<b>Total</b>	<b>372</b>	<b>169</b>	<b>293</b>	<b>106</b>	<b>86</b>	<b>20</b>	<b>22</b>	<b>29</b>	<b>1,098</b>

(a) Mainly CMOs, HMOs and other salaried non-specialists.

**Table 25: All medical practitioners working in public hospitals: occupation of main job and region, Australia, 1998**

Occupation of main job	Capital city	Other metro centre	Large rural centre	Small rural centre	Other rural area	Remote area	Total
<i>Clinician</i>	15,591	1,643	1,643	811	970	196	20,853
Primary care	1,227	216	220	351	762	67	2,843
Hospital non-specialist	1,894	257	317	104	72	75	2,719
Specialist	8,945	857	943	343	127	37	11,252
Specialist-in-training	3,525	313	162	13	10	17	4,039
<i>Non-clinician</i>	740	56	78	31	26	8	940
Administrator	213	22	29	22	9	0	296
Teacher/educator	35	3	0	0	0	0	38
Researcher	105	0	0	0	0	0	105
Public health physician	120	8	28	2	6	8	171
Occupational health	25	4	0	0	0	0	29
Other	242	19	21	7	11	0	300
<b>Total</b>	<b>16,332</b>	<b>1,699</b>	<b>1,721</b>	<b>842</b>	<b>996</b>	<b>204</b>	<b>21,793</b>
	(per cent)						
<i>Clinician</i>	95.5	96.7	95.5	96.3	97.4	96.2	95.7
Primary care	7.5	12.7	12.8	41.6	76.5	32.8	13.0
Hospital non-specialist	11.6	15.1	18.4	12.3	7.2	37.0	12.5
Specialist	54.8	50.5	54.8	40.7	12.8	18.1	51.6
Specialist-in-training	21.6	18.4	9.4	1.6	1.0	8.3	18.5
<i>Non-clinician</i>	4.5	3.3	4.5	3.7	2.6	3.8	4.3
Administrator	1.3	1.3	1.7	2.6	0.9	0.0	1.4
Teacher/educator	0.2	0.2	0.0	0.0	0.0	0.0	0.2
Researcher	0.6	0.0	0.0	0.0	0.0	0.0	0.5
Public health physician	0.7	0.5	1.6	0.2	0.6	3.8	0.8
Occupational health	0.2	0.2	0.0	0.0	0.0	0.0	0.1
Other	1.5	1.1	1.2	0.8	1.1	0.0	1.4
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

**Table 26: All medical practitioners working in private hospitals: occupation of main job and region, Australia, 1998**

Occupation of main job	Capital city	Other metro centre	Large rural centre	Small rural centre	Other rural and remote areas	Total
<i>Clinician</i>	4,708	527	511	298	206	6,249
Primary care	1,056	143	106	113	162	1,580
Hospital non-specialist	239	45	23	8	3	319
Specialist	3,018	312	377	176	39	3,922
Specialist-in-training	395	27	5	2	2	429
<i>Non-clinician</i>	173	7	7	10	12	209
Administrator	34	2	2	0	2	40
Teacher/educator	7	0	0	0	0	7
Researcher	16	0	0	0	0	16
Public health physician	17	0	0	2	2	21
Occupational health	4	0	0	0	0	4
Other	95	5	5	7	7	120
<b>Total</b>	<b>4,881</b>	<b>534</b>	<b>518</b>	<b>308</b>	<b>217</b>	<b>6,458</b>
	<b>(per cent)</b>					
<i>Clinician</i>	96.5	98.7	98.6	96.9	94.7	96.8
Primary care	21.6	26.8	20.4	36.6	74.4	24.5
Hospital non-specialist	4.9	8.5	4.4	2.6	1.5	4.9
Specialist	61.8	58.4	72.8	57.1	18.0	60.7
Specialist-in-training	8.1	5.0	1.0	0.5	0.7	6.7
<i>Non-clinician</i>	3.5	1.3	1.4	3.1	5.3	3.2
Administrator	0.7	0.3	0.4	0.0	0.9	0.6
Teacher/educator	0.1	0.0	0.0	0.0	0.0	0.1
Researcher	0.3	0.0	0.0	0.0	0.0	0.3
Public health physician	0.3	0.0	0.0	0.8	1.1	0.3
Occupational health	0.1	0.0	0.0	0.0	0.0	0.1
Other	1.9	1.0	1.1	2.4	3.3	1.9
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

**Table 27: Medical practitioners: selected characteristics and region of main job, Australia, 1998**

Selected characteristics	Geographic location of main job						Total	Rural & Metro areas	Rural & remote areas
	Capital city	Other metro area	Large rural centre	Small rural centre	Other rural area	Remot area			
Sex									
Male	26,623	2,647	2,272	1,496	1,734	427	35,198	29,269	5,929
Female	11,106	802	733	394	525	177	13,736	11,908	1,829
% female	29.4	23.3	24.4	20.9	23.2	29.3	28.1	28.9	23.6
Occupation of main job									
Primary care practitioner	14,656	1,530	1,235	1,140	1,914	378	20,852	16,186	4,667
Hospital non-specialist	3,323	363	323	102	64	88	4,263	3,686	577
Specialist	13,371	1,128	1,167	554	202	68	16,490	14,499	1,991
Specialist-in-training	3,986	285	142	19	9	32	4,473	4,270	203
Non-clinician	2,394	143	137	75	70	39	2,857	2,536	320
Age (years)									
Less than 35	8,863	739	556	215	302	176	10,850	9,602	1,248
35-44	10,781	993	1,033	625	803	217	14,451	11,773	2,678
45-54	9,283	888	789	578	596	120	12,254	10,171	2,083
55-64	5,251	490	413	286	304	61	6,806	5,741	1,065
65 and over	3,551	339	214	186	254	29	4,573	3,890	683
% aged 65 and over	9.4	9.8	7.1	9.9	11.2	4.8	9.3	9.4	8.8
Average age	45.7	45.8	45.3	47.6	47.2	43.3	45.9	45.7	46.3
Hours worked per week									
Less than 20	2,880	210	202	131	176	28	3,627	3,090	537
20-34	4,749	390	275	198	295	45	5,951	5,139	812
35-49	11,461	989	890	484	485	172	14,481	12,449	2,032
50-64	13,157	1,254	1,152	632	780	239	17,215	14,412	2,803
65-79	3,364	351	272	209	274	62	4,533	3,716	817
80 and over	2,118	254	215	234	248	58	3,127	2,372	756
% employed full-time	79.8	82.6	84.1	82.6	79.2	87.9	80.4	80.0	82.6
Average hours worked	47.8	50.0	49.7	52.5	51.7	52.2	48.4	48.0	51.1
Work setting of main job									
Private rooms	21,037	2,094	1,857	1,396	1,908	277	28,568	23,130	5,438
Acute care hospital	12,461	1,071	958	395	250	177	15,313	13,532	1,780
Residential	157	20	11	3	4	0	195	177	18
Aboriginal health service	230	14	12	10	11	74	351	244	107
Non-residential facility	967	90	74	31	38	25	1,225	1,056	169
Educational institution	1,124	65	22	7	8	8	1,234	1,189	44
Defence forces	193	13	11	4	18	0	239	206	33
Other government	839	22	30	25	8	17	942	862	81
Other	721	60	29	18	13	26	867	781	86
Country of initial qualification									
Australia	29,947	2,607	2,241	1,388	1,810	418	38,410	32,554	5,856
New Zealand	873	136	101	39	17	25	1,191	1,009	182
UK/Ireland	2,689	320	423	276	270	96	4,073	3,009	1,065
Asia	2,497	230	107	82	84	24	3,024	2,727	297
Other countries	1,723	156	134	105	77	41	2,236	1,879	358
Residency status									
Australian citizen	35,532	3,171	2,753	1,748	2,129	520	45,853	38,704	7,149
Not an Australian									
Permanent resident	1,901	215	181	123	102	39	2,561	2,116	445
Not a permanent resident	296	62	71	20	28	44	520	357	163
Medical practitioners per 100,000 population	314.0	241.2	266.9	154.3	91.1	105.2	259.6	306.3	143.6
<b>Total</b>	<b>37,728</b>	<b>3,449</b>	<b>3,005</b>	<b>1,890</b>	<b>2,259</b>	<b>604</b>	<b>48,934</b>	<b>41,177</b>	<b>7,757</b>



**Table 28: Employed medical practitioners per 100,000 population: region of main job, States and Territories, 1998**

<b>Region of main job</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>SA</b>	<b>WA</b>	<b>Tas</b>	<b>NT</b>	<b>ACT</b>	<b>Total</b>
Capital city	329.1	295.1	306.4	359.2	280.2	361.3	363.0	310.1	314.0
Other metropolitan centre	228.8	281.4	249.4	0.0	0.0	0.0	0.0	0.0	241.2
Large rural centres	268.6	242.3	282.3	0.0	0.0	290.6	0.0	0.0	266.9
Small rural centres	145.1	180.3	152.6	140.8	143.3	157.6	0.0	0.0	154.3
Other rural areas	98.0	93.8	70.8	118.5	82.8	87.8	61.7	0.0	91.1
Remote	65.8	66.5	71.9	32.0	124.4	198.9	199.4	0.0	105.2
<b>Total</b>	<b>271.5</b>	<b>257.8</b>	<b>235.8</b>	<b>293.3</b>	<b>235.9</b>	<b>246.5</b>	<b>262.2</b>	<b>309.7</b>	<b>259.6</b>
Metropolitan centres	312.3	294.5	293.4	359.2	280.2	361.3	363.0	310.1	306.3
Rural and remote	145.4	143.8	153.1	113.6	114.4	165.6	177.8	0.0	143.6

**Table 29: Medical practitioners employed in an Aboriginal health service<sup>(a)</sup>: selected characteristics, States and Territories, 1998**

<b>Selected</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>SA</b>	<b>WA</b>	<b>Tas</b>	<b>NT</b>	<b>ACT</b>	<b>Total</b>	<b>%</b>
<b>Occupation</b>										
<i>Clinician</i>	140	109	86	25	201	9	87	2	660	94.5
Primary care	52	42	49	19	83	1	68	0	314	45.0
Hospital non-specialist	7	1	11	0	11	0	4	0	34	4.9
Specialist	73	58	22	6	95	7	10	2	273	39.1
Specialist-in-training	8	7	4	0	12	0	6	0	38	5.4
<i>Non-clinician</i>	12	9	0	3	11	0	3	0	38	5.5
<b>Geographic location</b>										
Metropolitan	125	90	51	18	124	3	25	2	438	62.7
Non-metropolitan	27	28	34	11	88	6	66	0	261	37.3
% metropolitan	82.3	76.3	59.7	61.2	58.4	31.0	27.6	100.0	62.7	..
<b>Sex</b>										
Males	110	83	50	14	130	6	48	2	444	63.6
Females	43	35	35	15	81	3	42	0	254	36.4
% female	28.0	29.6	41.2	51.8	38.5	31.0	46.5	33.3	36.4	..
<b>Age (years)</b>										
Average age	45.8	41.8	42.4	43.8	n.a.	43.5	38.3	n.a.	30.2	..
Less than 35	34	11	19	4	34	0	33	0	135	19.4
35–44	35	49	37	13	100	6	38	2	280	40.1
45–54	46	29	16	9	41	3	16	0	160	23.0
55 and over	37	29	13	3	37	0	4	0	123	17.6
<b>Hours worked per week</b>										
Less than 20	65	65	42	21	97	3	24	0	316	45.3
20–34	12	24	12	8	33	4	17	0	110	15.8
35–49	35	12	21	0	38	1	28	2	138	19.7
50–64	23	12	11	0	37	0	22	0	104	14.9
65–79	7	5	0	0	5	0	0	0	17	2.5
80 and over	11	0	0	0	2	0	0	0	12	1.8
% employed full-time	50.0	24.5	36.9	0.0	38.8	15.5	54.7	100.0	38.9	..
Average hours worked	17.0	15.1	22.1	9.3	24.7	16.8	29.2	45.0	20.7	..
<b>Country of initial qualification</b>										
Australia	129	103	58	24	177	7	85	2	584	83.7
New Zealand	2	0	2	2	4	0	4	0	13	1.9
UK/Ireland	6	12	19	0	17	0	2	0	56	8.0
Asia	9	2	2	3	7	0	0	0	22	3.2
Other countries	7	2	5	0	7	2	0	0	23	3.2
<b>Residency status</b>										
Australian citizen	145	110	66	27	188	7	87	2	633	90.6
Not Australian citizen										
Permanent resident	7	8	12	2	8	0	2	0	40	5.7
Not permanent	0	0	7	0	15	0	2	0	24	3.4
<b>Total</b>	<b>152</b>	<b>118</b>	<b>86</b>	<b>29</b>	<b>212</b>	<b>9</b>	<b>91</b>	<b>2</b>	<b>698</b>	<b>100.0</b>
<b>Practitioners per 100,000 Indigenous pop.<sup>(b)</sup></b>										
	133.2	505.9	77.6	125.4	363.3	55.4	168.9	49.6	173.5	..

(a) All medical practitioners who reported working in an Aboriginal health service in a main, second or third job.

(b) These figures should be used with caution, as they have not been converted to full-time equivalents.

**Table 30: Employed medical practitioners: occupation and country of initial qualification, States and Territories, 1998**

<b>Occupation/country of initial qualification</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>SA</b>	<b>WA</b>	<b>Tas</b>	<b>NT</b>	<b>ACT</b>	<b>Total</b>	<b>%</b>
<b>Primary care</b>										
Australia	5,022	4,366	2,711	1,500	1,230	417	179	297	15,721	75.4
New Zealand	102	37	104	15	36	5	12	17	329	1.6
UK/Ireland	420	325	547	86	355	121	12	40	1,906	9.1
Asia	914	369	102	165	136	7	17	25	1,736	8.3
Other countries	621	218	176	32	65	43	0	5	1,159	5.6
<b>Total</b>	<b>7,080</b>	<b>5,316</b>	<b>3,640</b>	<b>1,798</b>	<b>1,821</b>	<b>593</b>	<b>220</b>	<b>384</b>	<b>20,852</b>	<b>100.0</b>
<b>Hospital non-specialist</b>										
Australia	1,550	470	664	309	320	72	60	85	3,529	82.8
New Zealand	38	5	42	7	18	0	0	2	111	2.6
UK/Ireland	25	22	141	9	56	7	2	0	260	6.1
Asia	96	16	34	4	0	0	12	14	176	4.1
Other countries	56	21	67	13	15	11	2	0	186	4.4
<b>Total</b>	<b>1,765</b>	<b>534</b>	<b>948</b>	<b>343</b>	<b>408</b>	<b>90</b>	<b>75</b>	<b>100</b>	<b>4,263</b>	<b>100.0</b>
<b>Specialist</b>										
Australia	4,686	3,910	1,835	1,240	1,016	238	82	241	13,248	80.3
New Zealand	146	116	127	52	56	13	11	16	537	3.3
UK/Ireland	306	232	387	97	249	51	5	23	1,350	8.2
Asia	323	184	81	67	49	19	16	11	750	4.5
Other countries	287	97	98	29	70	17	0	6	605	3.7
<b>Total</b>	<b>5,748</b>	<b>4,539</b>	<b>2,528</b>	<b>1,485</b>	<b>1,440</b>	<b>339</b>	<b>115</b>	<b>296</b>	<b>16,490</b>	<b>100.0</b>
<b>Specialist-in-training</b>										
Australia	1,482	933	538	407	304	65	36	72	3,838	85.8
New Zealand	70	13	38	18	13	3	2	2	158	3.5
UK/Ireland	27	30	91	6	55	5	4	3	221	4.9
Asia	54	23	23	6	6	0	6	5	123	2.7
Other countries	37	15	50	8	19	4	0	0	134	3.0
<b>Total</b>	<b>1,670</b>	<b>1,013</b>	<b>740</b>	<b>446</b>	<b>397</b>	<b>78</b>	<b>47</b>	<b>81</b>	<b>4,473</b>	<b>100.0</b>
<b>Non-clinician</b>										
Australia	839	547	279	227	159	31	28	79	2,190	76.7
New Zealand	12	14	20	6	6	0	2	2	61	2.1
UK/Ireland	64	53	34	24	99	17	6	10	306	10.7
Asia	59	29	7	30	16	7	5	3	156	5.5
Other countries	74	27	15	10	7	6	4	0	143	5.0
<b>Total</b>	<b>1,047</b>	<b>671</b>	<b>355</b>	<b>297</b>	<b>287</b>	<b>61</b>	<b>44</b>	<b>94</b>	<b>2,857</b>	<b>100.0</b>
<b>Total</b>										
Australia	13,579	10,226	6,027	3,684	3,029	823	386	774	38,526	78.7
New Zealand	368	186	331	98	128	21	26	38	1,196	2.4
UK/Ireland	841	662	1,200	221	813	201	28	75	4,043	8.3
Asia	1,446	621	247	273	207	34	56	57	2,942	6.0
Other countries	1,075	379	406	93	176	82	6	11	2,227	4.6
<b>Total</b>	<b>17,309</b>	<b>12,074</b>	<b>8,211</b>	<b>4,369</b>	<b>4,354</b>	<b>1,161</b>	<b>502</b>	<b>955</b>	<b>48,934</b>	<b>100.0</b>

**Table 31: Permanent resident overseas-trained medical practitioners: occupation, country of initial qualification and region, Australia, 1998**

Occupation/ country of initial qualification	Region of main job						Total
	Capital city	Other metro centre	Large rural centre	Small rural centre	Other rural area	Remote zone	
Primary care							
New Zealand	108	13	9	13	7	2	152
UK/Ireland	217	42	47	50	56	5	418
Asia	199	17	5	5	9	0	234
Other countries	35	3	3	7	13	4	66
<i>Total</i>	<i>560</i>	<i>74</i>	<i>64</i>	<i>74</i>	<i>85</i>	<i>12</i>	<i>869</i>
Hospital non-specialist							
New Zealand	48	21	16	0	2	0	87
UK/Ireland	24	4	6	2	4	4	43
Asia	33	3	3	0	0	1	40
Other countries	30	0	6	0	0	0	36
<i>Total</i>	<i>135</i>	<i>27</i>	<i>31</i>	<i>2</i>	<i>6</i>	<i>5</i>	<i>206</i>
Specialist							
New Zealand	162	36	21	5	0	0	224
UK/Ireland	185	16	31	12	5	0	249
Asia	58	7	16	10	6	2	100
Other countries	74	8	14	16	2	2	114
<i>Total</i>	<i>479</i>	<i>67</i>	<i>83</i>	<i>43</i>	<i>13</i>	<i>3</i>	<i>688</i>
Specialist-in-training							
New Zealand	68	15	3	0	0	1	88
UK/Ireland	56	9	9	0	0	0	74
Asia	25	0	1	0	0	0	27
Other countries	30	2	2	0	0	0	33
<i>Total</i>	<i>179</i>	<i>25</i>	<i>16</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>221</i>
Non-clinician							
New Zealand	17	2	4	0	0	4	27
UK/Ireland	35	7	2	4	0	0	48
Asia	24	3	0	0	0	0	27
Other countries	9	1	2	0	0	0	12
<i>Total</i>	<i>85</i>	<i>13</i>	<i>8</i>	<i>4</i>	<i>0</i>	<i>4</i>	<i>114</i>
Total							
New Zealand	404	86	54	18	9	7	578
UK/Ireland	517	77	95	68	65	9	831
Asia	340	29	25	15	15	3	428
Other countries	177	14	27	23	15	6	262
<b>Total</b>	<b>1,438</b>	<b>207</b>	<b>201</b>	<b>123</b>	<b>104</b>	<b>25</b>	<b>2,098</b>

**Table 32: Permanent migration of medical practitioners to and from Australia, 1993-94 to 1998-99**

	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	Total 1993-99	% 1993-99
<b>Permanent migration to Australia of overseas residents</b>								
Country of previous residence								
New Zealand	49	74	71	63	69	110	436	15.1
Other Oceania	5	6	6	5	3	2	27	0.9
UK/Ireland	85	119	87	71	44	40	446	15.4
Other Europe	55	81	63	59	37	33	328	11.3
Middle East	15	22	24	17	16	14	108	3.7
Hong Kong	28	31	30	33	7	7	136	4.7
China	42	58	186	119	45	65	515	17.8
Other Asia	100	110	93	72	71	68	514	17.8
USA/Canada	19	13	25	13	19	15	104	3.6
South Africa	17	26	16	32	29	25	145	5.0
Other Africa	21	14	19	16	13	13	96	3.3
Other countries	9	4	6	0	5	16	40	1.4
<i>Total</i>	<i>445</i>	<i>558</i>	<i>626</i>	<i>500</i>	<i>358</i>	<i>408</i>	<i>2,895</i>	<i>100</i>
<b>Permanent migration from Australia of Australian</b>								
Country of future residence								
New Zealand	34	52	49	51	38	41	265	25.9
Other Oceania	1	0	2	2	0	1	6	0.6
UK/Ireland	31	41	32	37	46	60	247	24.1
Other Europe	9	7	6	4	8	13	47	4.6
Middle East	10	4	3	8	6	8	39	3.8
Asia	37	36	29	41	52	77	272	26.5
USA/Canada	25	13	27	15	21	26	127	12.4
Other countries	4	1	5	4	2	6	22	2.1
<i>Total</i>	<i>151</i>	<i>154</i>	<i>153</i>	<i>162</i>	<i>173</i>	<i>232</i>	<i>1,025</i>	<i>100.0</i>
<b>Net permanent</b>								
Country of residence								
New Zealand	15	22	22	12	31	69	171	9.1
Other Oceania	4	6	4	3	3	1	21	1.1
UK/Ireland	54	78	55	34	-2	-20	199	10.6
Other Europe	46	74	57	55	29	20	281	15.0
Middle East	5	18	21	9	10	6	69	3.7
Asia	133	163	280	183	71	63	893	47.8
USA/Canada	-6	0	-2	-2	-2	-11	-23	-1.2
Other countries	43	43	36	44	45	48	259	13.9
<b>Total</b>	<b>294</b>	<b>404</b>	<b>473</b>	<b>338</b>	<b>185</b>	<b>176</b>	<b>1,870</b>	<b>100.0</b>

Source: AIHW from Department of Immigration and Multicultural Affairs data.

**Table 33: Australian Medical Council examination results: 1992–99**

	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
<b>Overseas-trained doctors entering through the general</b>								
MCQ examination								
Number of candidates presenting	921	812	619	688	0	1382	779	669
Number passing/eligible to proceed to clinical examination	298	297	343	391	0	612	234	372
Clinical examination								
Number of exams conducted	587	434	418	404	518	556	427	459
Number passing AMC exam and eligible for registration	246	193	211	222	266	266	151	220
<b>Overseas-trained specialists entering through the AMC/specialist college</b>								
Number of applications received	264 <sup>(a)</sup>	147	139	174	175	175	167	107
Number rejected	67 <sup>(a)</sup>	3	10	7	5	3	7	22
<i>Total qualified for registration</i>	<i>50<sup>(a)</sup></i>	<i>10</i>	<i>23</i>	<i>55</i>	<i>63</i>	<i>43</i>	<i>53</i>	<i>59</i>
<b>Total overseas-trained doctors entering the workforce</b>	<b>288<sup>(b)</sup></b>	<b>204</b>	<b>235</b>	<b>317</b>	<b>289</b>	<b>265</b>	<b>233</b>	<b>299</b>

(a) Data for the period 1990–92.

(b) Includes AMC/specialist college pathway data for the period 1990–92.

*Notes*

1. The total number of examinations conducted is a factor of the number of clinical examination places that the AMC is able to arrange in any one year. In 1993 the number of places was reduced from a target of 600 per year to 400 per year as a result of constraints on the clinical resources used for AMC clinical examinations.
2. A three-year limit for AMC clinical examination came into force on 1 January 1995 for those who passed the multiple choice questionnaire examination.
3. From 1996 the AMC ceased to conduct the multiple choice questionnaire examination overseas.

*Source:* Australian Medical Council.

**Table 34: Temporary migration of non-Australian medical practitioners to and from Australia for employment: type of migration and country of previous or future residence, 1993–94 to 1998–99**

	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	% 1998–99
<b>Migration to Australia for long-term stay</b>							
Country of previous residence							
New Zealand	48	63	41	65	53	96	14.0
UK/Ireland	193	241	278	325	341	400	58.2
Asia	32	37	37	56	54	69	10.0
South Africa	3	7	11	33	47	55	8.0
Other countries	22	28	45	49	51	67	9.8
<i>Total</i>	298	376	412	528	546	687	100.0
<b>Migration to Australia for short-term stay</b>							
Country of previous residence							
New Zealand	57	49	56	58	74	156	10.1
UK/Ireland	444	641	277	793	778	873	56.8
Asia	38	46	37	57	103	203	13.2
USA/Canada	25	36	164	111	100	109	7.1
South Africa	3	14	20	50	54	98	6.4
Other countries	28	9	14	29	58	98	6.4
<i>Total</i>	595	795	568	1,098	1,167	1,537	100.0
<b>Migration from Australia of temporary visitors after a long-term</b>							
Country of future residence							
New Zealand	32	20	22	30	49	32	5.5
Other Oceania	9	17	17	20	12	9	1.6
UK/Ireland	161	192	269	265	335	190	32.9
Other Europe	31	35	41	55	49	38	6.6
Malaysia	26	35	31	32	36	33	5.7
China	31	39	39	46	60	76	13.2
Japan	31	25	19	25	24	16	2.8
Other Asia	76	82	124	139	158	104	18.0
USA/Canada	21	17	16	32	35	22	3.8
South Africa	2	4	2	13	26	20	3.5
Other countries	15	14	25	27	40	37	6.4
<i>Total</i>	435	480	605	684	824	577	100.0

Source: AIHW from Department of Immigration and Multicultural Affairs data.

**Table 35: Medical practitioners temporarily migrating to Australia for employment: type of visa and intended duration of stay, States and Territories, 1998–99**

Type of visa	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Total	%
<b>Duration of stay</b>										
422 Medical practitioner										
0–6 months	71	75	187	0	63	39	3	0	438	38.5
7–11 months	45	0	11	0	0	0	0	0	56	4.9
1 year	23	48	141	3	83	18	10	8	334	29.4
13–17 months	11	12	177	5	18	1	3	1	228	20.1
1.5–2 years	6	10	29	3	15	1	2	0	66	5.8
More than 2 years	0	3	5	3	3	0	1	0	15	1.3
<i>Total</i>	<i>156</i>	<i>148</i>	<i>550</i>	<i>14</i>	<i>182</i>	<i>59</i>	<i>19</i>	<i>9</i>	<i>1,137</i>	<i>100.0</i>
442 Occupational										
0–6 months	29	99	60	21	0	0	0	0	209	28.9
7–11 months	45	119	0	51	0	0	0	0	215	29.7
1 year	101	54	20	45	4	0	0	0	224	31.0
13–17 months	26	7	2	15	1	0	1	0	52	7.2
1.5–2 years	10	5	2	4	0	0	0	0	21	2.9
More than 2 years	0	1	0	0	1	0	0	0	2	0.3
<i>Total</i>	<i>211</i>	<i>285</i>	<i>84</i>	<i>136</i>	<i>6</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>723</i>	<i>100.0</i>
New Zealand citizen										
0–6 months	0	0	0	0	0	0	0	0	0	0.0
7–11 months	0	0	0	0	0	0	0	0	0	0.0
1 year	39	28	29	13	10	2	1	1	123	66.1
13–17 months	1	1	1	2	1	0	2	0	8	4.3
1.5–2 years	16	10	3	1	8	1	1	0	40	21.5
More than 2 years	4	4	3	2	1	1	0	0	15	8.1
<i>Total</i>	<i>60</i>	<i>43</i>	<i>36</i>	<i>18</i>	<i>20</i>	<i>4</i>	<i>4</i>	<i>1</i>	<i>186</i>	<i>100.0</i>
Other business visas										
0–6 months	0	0	0	0	0	0	0	0	0	0.0
7–11 months	46	0	0	0	0	0	0	0	46	30.3
1 year	41	11	1	0	2	1	0	0	56	36.8
13–17 months	8	1	0	0	0	0	0	0	9	5.9
1.5–2 years	8	7	0	1	1	0	0	0	17	11.2
More than 2 years	10	7	2	3	2	0	0	0	24	15.8
<i>Total</i>	<i>113</i>	<i>26</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>152</i>	<i>100.0</i>
<b>Total</b>										
0–6 months	100	174	247	21	63	39	3	0	647	29.4
7–11 months	136	119	11	51	0	0	0	0	317	14.4
1 year	204	141	191	61	99	21	11	9	737	33.5
13–17 months	46	21	180	22	20	1	6	1	297	13.5
1.5–2 years	40	32	34	9	24	2	3	0	144	6.6
More than 2 years	14	15	10	8	7	1	1	0	56	2.5
<b>Total</b>	<b>540</b>	<b>502</b>	<b>673</b>	<b>172</b>	<b>213</b>	<b>64</b>	<b>24</b>	<b>10</b>	<b>2,198<sup>(a)</sup></b>	<b>100.0</b>
<b>(average duration of intended</b>										
422 Medical practitioner	0.65	0.86	0.90	1.90	0.91	0.58	1.08	1.01	0.86	..
442 Occupational	0.94	0.80	0.61	0.80	1.39	0.00	1.33	0.00	0.82	..
New Zealand citizens	1.67	1.41	1.39	1.43	1.62	2.00	1.29	1.00	1.52	..
Other business visas	1.17	1.93	2.94	2.75	2.17	1.00	0.00	0.00	1.40	..
<b>Total</b>	<b>0.99</b>	<b>0.94</b>	<b>0.90</b>	<b>1.02</b>	<b>1.02</b>	<b>0.68</b>	<b>1.12</b>	<b>0.80</b>	<b>0.95</b>	<b>..</b>
<b>(expected number of TRDs in Australia at a point in time<sup>(b)</sup>)</b>										
422 Medical practitioner	101	127	495	27	166	34	21	9	980	47.3
442 Occupational	198	228	51	109	8	0	1	0	596	28.8
New Zealand citizens	100	61	50	26	32	8	5	1	283	13.7
Other business visas	132	50	9	11	11	1	0	0	214	10.3
<b>Total</b>	<b>532</b>	<b>466</b>	<b>605</b>	<b>172</b>	<b>217</b>	<b>43</b>	<b>27</b>	<b>10</b>	<b>2,073</b>	<b>100.0</b>

(a) The total of 2,198 in this table differs from the 2,224 shown in Table 34 because it excludes 26 medical practitioners who entered Australia under other visa types that did not permit work in Australia, such as an accompanying spouse or to attend diplomats.

(b) Expected number of TRDs in Australia at a point in time has been calculated by multiplying the number of TRDs entering Australia in 1998–99 by the average duration of intended stay. However it is expected that a number will leave early and others may extend their stay.

Source: AIHW from Department of Immigration and Multicultural Affairs data.



**Table 36: Migration of Australian medical practitioners to and from Australia, 1993-94 to 1998-99**

	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	% 1998-99
<b>Migration to Australia of Australian residents returning after a long-term overseas stay</b>							
Country of long-term stay							
New Zealand	17	13	18	23	25	15	2.5
Other Oceania	13	24	12	17	16	7	1.2
UK/Ireland	324	289	311	278	269	214	35.4
Other Europe	49	38	43	33	39	30	5.0
Middle East	34	38	44	22	34	15	2.5
Hong Kong	98	120	106	114	110	87	14.4
Singapore	15	14	10	15	15	18	3.0
Malaysia	16	10	14	17	15	10	1.7
Other Asia	39	50	65	44	77	61	10.1
USA/Canada	164	179	166	145	147	122	20.2
South Africa	16	13	9	14	17	11	1.8
Other Africa	10	16	15	14	15	9	1.5
Other countries	3	2	6	8	18	5	0.8
<i>Total</i>	<i>798</i>	<i>806</i>	<i>819</i>	<i>744</i>	<i>797</i>	<i>604</i>	<i>100.0</i>
<b>Migration from Australia of Australian residents for a long-term overseas</b>							
Country of long-term stay							
New Zealand	13	12	17	23	16	13	3.1
Other Oceania	21	18	24	17	12	10	2.4
UK/Ireland	140	161	147	147	163	155	36.8
Other Europe	13	12	17	11	9	12	2.9
Middle East	21	23	22	14	22	21	5.0
Hong Kong	56	67	50	72	55	58	13.8
Other Asia	31	36	45	59	47	40	9.5
USA/Canada	69	93	87	90	88	93	22.1
South Africa	5	2	6	0	3	1	0.2
Other countries	10	10	9	9	15	18	4.3
<i>Total</i>	<i>379</i>	<i>434</i>	<i>424</i>	<i>442</i>	<i>430</i>	<i>421</i>	<i>100.0</i>

Source: AIHW from Department of Immigration and Multicultural Affairs data.

**Table 37: Temporary resident overseas-trained medical practitioners<sup>(a)</sup>: occupation, country of initial qualification and region, Australia, 1998**

Occupation/ country of initial qualification	Region of main job						Total
	Capital city	Other metro centre	Large rural centre	Small rural centre	Other rural area	Remote	
Primary care							
New Zealand	12	6	2	0	2	0	22
UK/Ireland	3	2	10	6	12	10	42
Asia	16	7	10	5	4	2	43
Other countries	2	2	2	0	1	0	8
<i>Total</i>	33	17	24	11	19	12	115
Hospital non-specialist							
New Zealand	1	2	0	0	0	0	3
UK/Ireland	9	3	8	5	2	4	30
Asia	35	14	26	7	5	3	90
Other countries	14	0	0	0	0	4	18
<i>Total</i>	59	19	34	11	7	11	141
Specialist							
New Zealand	25	0	1	2	0	0	27
UK/Ireland	1	2	5	0	0	0	8
Asia	6	2	0	0	0	0	7
Other countries	2	0	2	0	0	0	3
<i>Total</i>	33	3	8	2	0	0	46
Specialist-in-training							
New Zealand	17	2	5	0	0	0	25
UK/Ireland	15	3	0	0	0	2	20
Asia	37	7	7	0	0	0	51
Other countries	17	7	0	0	0	0	24
<i>Total</i>	85	20	12	0	0	2	119
Non-clinician							
New Zealand	5	2	0	0	0	0	7
UK/Ireland	1	0	2	0	0	5	9
Asia	5	0	2	0	0	0	7
Other countries	1	2	0	0	0	0	3
<i>Total</i>	13	3	3	0	0	5	25
<b>Total</b>							
New Zealand	60	12	8	2	2	0	84
UK/Ireland	29	10	25	10	14	21	109
Asia	99	30	44	11	9	5	198
Other countries	35	11	4	0	1	4	56
<b>Total</b>	<b>223</b>	<b>63</b>	<b>81</b>	<b>23</b>	<b>26</b>	<b>30</b>	<b>446</b>

(a) There were 980 temporary resident doctors who entered Australia for employment in 1995–96, 1,626 in 1996–97, 1,703 in 1997–98 and 2,198 in 1998–99. Most entered for a stay of less than 12 months and were not included in the AIHW labour force survey. Therefore the estimates in this table refer to temporary resident doctors who were re-registering for practice at the general renewal of registration in late 1998.

**Table 38: Medical student course completions: citizenship<sup>(a)</sup> and level of course, Australia, 1989–98**

Level of course	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<b>Australian citizens or permanent residents</b>										
Bachelor										
Graduate entry	0	0	0	2	5	0	6	4	12	7
Bachelor honours	25	17	204	60	48	57	44	41	42	39
Bachelor pass	1,162	997	940	1,022	1,181	1,178	1,191	1,282	1,142	1,160
<i>Total</i>	<i>1,187</i>	<i>1,014</i>	<i>1,144</i>	<i>1,084</i>	<i>1,234</i>	<i>1,235</i>	<i>1,241</i>	<i>1,327</i>	<i>1,196</i>	<i>1,206</i>
Number of females	487	442	467	454	513	576	558	624	538	553
% female	41.0	43.6	40.8	41.9	41.6	46.6	45.0	47.0	45.0	45.9
Postgraduate										
Higher doctorate	33	34	36	35	28	28	39	37	27	42
PhD	108	130	165	142	138	168	190	228	258	262
Masters	38	46	76	37	35	54	58	80	76	72
Masters qualifying	5	0	0	2	0	0	0	0	0	2
Diploma/certificate	33	32	47	36	73	133	118	71	128	153
<i>Total</i>	<i>217</i>	<i>242</i>	<i>324</i>	<i>252</i>	<i>274</i>	<i>383</i>	<i>405</i>	<i>416</i>	<i>489</i>	<i>531</i>
<b>Total</b>	<b>1,404</b>	<b>1,256</b>	<b>1,468</b>	<b>1,336</b>	<b>1,508</b>	<b>1,618</b>	<b>1,646</b>	<b>1,743</b>	<b>1,685</b>	<b>1,737</b>
Number of females	569	542	610	573	624	739	771	832	792	798
% female	40.5	43.2	41.6	42.9	41.4	45.7	46.8	47.7	47.0	45.9
<b>Overseas students</b>										
Bachelor	59	44	73	52	67	85	134	150	180	150
Postgraduate	32	17	34	38	50	41	47	37	57	71
<b>Total</b>	<b>91</b>	<b>61</b>	<b>107</b>	<b>90</b>	<b>117</b>	<b>126</b>	<b>181</b>	<b>187</b>	<b>237</b>	<b>221</b>
Number of females	32	22	36	37	40	48	88	79	91	97
% female	35.2	36.1	33.6	41.1	34.2	38.1	48.6	42.2	38.4	43.9

(a) Before 1993, not all universities had citizenship information for all students completing courses, so these data include students for whom citizenship/residency status was unknown. Consequently, data before 1993 may slightly overstate the number of course completions by Australian citizen/resident students.

Source: AIHW, from Department of Education, Training and Youth Affairs data.

**Table 39: Australian citizens and permanent residents commencing undergraduate<sup>(a)</sup> medicine courses: university and sex, Australia, 1991-99**

University	1991	1992	1993	1994	1995	1996	1997	1998	1999
Flinders University	70	63	64	<sup>(b)</sup> 8	<sup>(b)</sup> 0	60	58	56	56
Monash University	164	141	139	137	130	139	123	135	145
University of Adelaide	112	105	98	101	103	93	90	91	102
University of Melbourne	185	182	185	193	199	198	204	180	144
University of New South Wales	144	156	140	146	162	175	145	144	188
University of Newcastle	72	69	66	66	69	63	67	64	64
University of Queensland	232	225	218	225	<sup>(b)</sup> 6	<sup>(b)</sup> 2	231	228	246
University of Sydney	238	220	219	167	<sup>(b)</sup> 14	<sup>(b)</sup> 21	139	143	189
University of Tasmania	50	49	50	50	54	54	53	59	67
University of Western Australia	125	120	125	124	123	123	123	121	133
<b>Total</b>	<b>1,392</b>	<b>1,330</b>	<b>1,304</b>	<b>1,217</b>	<b>860</b>	<b>928</b>	<b>1,233</b>	<b>1,221</b>	<b>1,334</b>

(per cent who are female)

Flinders University	52.9	57.1	51.6	25.0	0.0	55.0	41.4	50.0	62.5
Monash University	51.8	47.5	49.6	52.6	61.5	56.1	62.6	51.9	47.6
University of Adelaide	42.9	49.5	39.8	39.6	53.4	43.0	53.3	63.7	60.8
University of Melbourne	43.2	45.1	43.2	47.7	40.2	38.9	41.2	46.1	59.0
University of New South Wales	40.3	36.5	41.4	41.8	39.5	47.4	49.0	50.0	50.5
University of Newcastle	66.7	65.2	57.6	57.6	56.5	60.3	58.2	53.1	59.4
University of Queensland	50.4	41.3	55.5	50.7	50.0	0.0	34.2	45.2	43.5
University of Sydney	43.7	35.0	43.8	47.3	35.7	38.1	43.9	56.6	57.7
University of Tasmania	60.0	59.2	54.0	60.0	44.4	53.7	49.1	55.9	49.3
University of Western Australia	54.4	47.5	46.4	49.2	46.3	52.0	45.5	43.0	52.6
<b>Total</b>	<b>48.5</b>	<b>44.7</b>	<b>47.5</b>	<b>48.4</b>	<b>47.3</b>	<b>48.5</b>	<b>45.8</b>	<b>50.3</b>	<b>52.7</b>

(a) Includes bachelor pass, bachelor honours and graduate entry bachelor courses.

(b) Flinders University, University of Queensland and University of Sydney have introduced a four-year postgraduate degree medical course in place of the previous six-year undergraduate course. Each university had a two-year transition period during which only a small number of students with the necessary qualifications were admitted. The first intake to the new course at Flinders University was in 1996 and the first intakes to the new courses at the University of Queensland and the University of Sydney were in 1997.

Source: AIHW, from Department of Education, Training and Youth Affairs data.

**Table 40: Medicare providers<sup>(a)</sup>: peer group and specialty, Australia, 1991–92 to 1998–99**

Peer group/ specialty	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
<i>General</i>	22,746	23,088	23,587	24,206	24,376	24,526	24,230	24,176
Vocationally registered GP	10,744	14,826	16,280	17,341	17,711	18,078	18,353	18,579
Other medical practitioner	12,002	8,262	7,307	6,865	6,665	6,448	5,877	5,597
Obstetrician/gynaecologist	923	930	867	899	896	912	925	931
IVF	n.a.	n.a.	63	67	72	72	79	79
<i>Surgeon</i>	4,140	4,270	4,418	4,597	4,714	4,816	4,898	5,049
Specialist	3,355	3,433	3,479	3,586	3,598	3,641	3,703	3,844
Non-specialist	785	837	939	1,011	1,116	1,175	1,195	1,205
<i>Anaesthetist</i>	1,764	1,805	1,892	1,952	2,022	2,076	2,142	2,232
Specialist	1,652	1,702	1,781	1,814	1,859	1,900	1,956	2,026
Non-specialist	112	103	111	138	163	176	186	206
Psychiatrist	1,437	1,501	1,555	1,582	1,615	1,672	1,685	1,757
Radiation oncology specialist	106	104	113	119	130	131	141	141
Dermatologist	242	245	260	267	275	277	291	295
Physician	3,143	3,333	3,477	3,664	3,868	4,069	4,259	4,462
Other medical	271	298	356	382	438	485	488	518
<i>Total medical practitioners<sup>(a)</sup></i>	<i>34,772</i>	<i>35,574</i>	<i>36,588</i>	<i>37,735</i>	<i>38,406</i>	<i>39,036</i>	<i>39,138</i>	<i>39,640</i>
Optometrist	<sup>(b)</sup> 2,287	2,356	2,424	2,500	2,576	2,621	2,722	2,787
Dental/orthodontist	382	382	409	420	409	457	425	436
<b>Total Medicare providers<sup>(a)</sup></b>	<b>37,441</b>	<b>38,312</b>	<b>39,421</b>	<b>40,655</b>	<b>41,391</b>	<b>42,114</b>	<b>42,285</b>	<b>42,863</b>
(per cent change—year on year increase)								
<i>General</i>	2.7	1.5	2.2	2.6	0.7	0.6	-1.2	-0.2
Vocationally registered GP	43.8	38.0	9.8	6.5	2.1	2.1	1.5	1.2
Other medical practitioner	-18.2	-31.2	-11.6	-6.0	-2.9	-3.3	-8.9	-4.8
Obstetrician/gynaecologist	0.3	0.8	-6.8	3.7	-0.3	1.8	1.4	0.6
IVF	n.a.	n.a.	n.a.	6.3	7.5	0.0	9.7	0.0
<i>Surgeon</i>	3.4	3.1	3.5	4.1	2.5	2.2	1.7	3.1
Specialist	2.0	2.3	1.3	3.1	0.3	1.2	1.7	3.8
Non-specialist	9.6	6.6	12.2	7.7	10.4	5.3	1.7	0.8
<i>Anaesthetist</i>	5.0	2.3	4.8	3.2	3.6	2.7	3.2	4.2
Specialist	4.0	3.0	4.6	1.9	2.5	2.2	2.9	3.6
Non-specialist	23.1	-8.0	7.8	24.3	18.1	8.0	5.7	10.8
Psychiatrist	3.5	4.5	3.6	1.7	2.1	3.5	0.8	4.3
Radiation oncology specialist	6.0	-1.9	8.7	5.3	9.2	0.8	7.6	0.0
Dermatologist	1.3	1.2	6.1	2.7	3.0	0.7	5.1	1.4
Physician	5.5	6.0	4.3	5.4	5.6	5.2	4.7	4.8
Other medical	-5.2	10.0	19.5	7.3	14.7	10.7	0.6	6.1
<i>Total medical practitioners<sup>(a)</sup></i>	<i>3.0</i>	<i>2.3</i>	<i>2.9</i>	<i>3.1</i>	<i>1.8</i>	<i>1.6</i>	<i>0.3</i>	<i>1.3</i>
Optometrist	<sup>(b)</sup> 97.2	3.0	2.9	3.1	3.0	1.7	3.9	2.4
Dental/orthodontist	12.7	0.0	7.1	2.7	-2.6	11.7	-7.0	2.6
<b>Total Medicare providers<sup>(a)</sup></b>	<b>6.2</b>	<b>2.3</b>	<b>2.9</b>	<b>3.1</b>	<b>1.8</b>	<b>1.7</b>	<b>0.4</b>	<b>1.4</b>

(a) Excludes diagnostic imagists and pathologists, as the number of practitioners is not accurately known.

(b) Prior to 1991–92, optometry services provided by a multi-practitioner practice may have been billed to Medicare under the provider number of the principal. From 1991–92, services were billed to the provider number of each practitioner.

Source: Medicare statistics, Department of Health and Aged Care.

**Table 41: Average number of Medicare services per head of population: service type, Australia, 1990–91 to 1998–99**

Service type	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99
GP attendances	4.91	5.08	5.27	5.41	5.45	5.58	5.53	5.50	5.40
Specialist attendances	0.86	0.89	0.92	0.94	0.97	0.99	0.98	0.97	0.98
Obstetrics	0.03	0.03	0.03	0.04	0.04	0.07	0.09	0.08	0.08
Anaesthetics	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Pathology—patient episode initiation	..	0.25	0.72	0.77	0.83	0.88	0.91	0.93	0.97
Pathology tests	1.51	1.49	1.52	1.63	1.76	1.77	1.80	1.86	1.96
Diagnostic imaging	0.48	0.49	0.52	0.53	0.55	0.57	0.56	0.58	0.60
Operations	0.26	0.27	0.28	0.28	0.28	0.29	0.29	0.29	0.29
Assist in operations	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Optometry	0.15	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.21
Radiotherapy and therapeutic nuclear medicine	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03
Other	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.24	0.25
<b>Total</b>	<b>8.48</b>	<b>8.95</b>	<b>9.74</b>	<b>10.09</b>	<b>10.40</b>	<b>10.70</b>	<b>10.73</b>	<b>10.78</b>	<b>10.87</b>

Source: Medicare statistics, Department of Health and Aged Care.