

## 12 Medical education and training

Data on the number of students who enrolled in or completed courses in medicine were obtained from the Department of Employment, Education, Training and Youth Affairs. The features of these data in 1995 included the following.

- 1,642 Australian citizen/permanent resident students completed medicine courses in 1995—1,241 (75.6%) completed undergraduate courses and 401 (24.4%) completed post-graduate courses. Of these, 770 (46.9%) were female: an overall increase from 40.5% in 1989.
- A further 180 overseas students completed medicine courses at Australian universities in 1995—9.9% of all completions. Students completing medicine courses were more likely to be overseas students at Flinders University (22.5%) and the University of Adelaide (18.5%).
- 928 Australian citizen/permanent resident students enrolled to commence initial medicine courses in 1996. There is a hiatus in students commencing initial medicine courses while Flinders University, the University of Queensland and the University of Sydney are introducing a four-year postgraduate degree medical course in place of the previous six-year undergraduate course. Each university has a two-year transition period, during which only a small number of students with the necessary qualifications are admitted. The first intake to the new course at Flinders University was in 1996. Data are not available for the first intakes (in 1997) to the new courses at the University of Queensland and the University of Sydney.
- Of the students commencing initial medicine courses in 1996, 48.5% were female. There were more females than males commencing medicine courses in five of the ten universities offering bachelor level medicine courses.
- Of these commencing students, 88.6% originated from a capital city or other metropolitan area, 10.1% from a rural area and 0.5% from a remote area. In contrast, 70.6% of the population were living in metropolitan areas, 26.2% in rural areas and 3.1% in remote areas.
- At most universities, over 90% of Australian students commencing an initial medicine course originated from the State where the university was located. Universities with a significant intake from outside their home State were Flinders University (45.0% of commencing students did not originate from South Australia), the University of Newcastle (30.2%), the University of Tasmania (25.9%), and the University of New South Wales (15.4%).
- There were 8,907 Australian citizen/permanent resident students enrolled in medicine courses in 1996—6,661 (74.8%) were enrolled in bachelor courses and 2,246 (25.2%) in postgraduate courses.
- 38.4% of these students were born in overseas countries. Most (60.6%) were born in Asia—mainly Malaysia, Vietnam and Hong Kong—and a further 12.6% were born in the United Kingdom or Ireland.

**Table 87: Australian citizen/permanent resident<sup>(a)</sup> medical student course completions: level of course, Australia, 1989–95**

Level of course	1989	1990	1991	1992	1993	1994	1995
<b>Bachelor:</b>							
Postgraduate	0	0	0	2	5	0	6
Pass	1,162	997	940	1,019	1,181	1,178	1,191
Honours	25	17	204	60	48	57	44
<i>Total</i>	<i>1,187</i>	<i>1,014</i>	<i>1,144</i>	<i>1,081</i>	<i>1,234</i>	<i>1,235</i>	<i>1,241</i>
Number of females	487	442	467	453	513	576	558
% female	41.0	43.6	40.8	41.9	41.6	46.6	45.0
<b>Postgraduate:</b>							
Diploma/certificate	33	32	47	36	73	133	117
Masters qualifying	5	0	0	2	0	0	0
Masters	38	46	76	37	35	51	55
PhD	108	130	165	142	138	168	190
Higher doctorate	33	34	36	35	28	28	39
<i>Total</i>	<i>217</i>	<i>242</i>	<i>324</i>	<i>252</i>	<i>274</i>	<i>380</i>	<i>401</i>
<b>Total</b>	<b>1,404</b>	<b>1,256</b>	<b>1,468</b>	<b>1,333</b>	<b>1,508</b>	<b>1,615</b>	<b>1,642</b>
Number of females	569	542	610	572	624	739	770
% female	40.5	43.2	41.6	42.9	41.4	45.8	46.9
<b>(per cent)</b>							
<b>Bachelor:</b>							
Postgraduate	0.0	0.0	0.0	0.2	0.3	0.0	0.4
Pass	82.8	79.4	64.0	76.4	78.3	72.9	72.5
Honours	1.8	1.4	13.9	4.5	3.2	3.5	2.7
<i>Total</i>	<i>84.5</i>	<i>80.7</i>	<i>77.9</i>	<i>81.1</i>	<i>81.8</i>	<i>76.5</i>	<i>75.6</i>
<b>Postgraduate:</b>							
Diploma/certificate	2.4	2.5	3.2	2.7	4.8	8.2	7.1
Masters qualifying	0.4	0.0	0.0	0.2	0.0	0.0	0.0
Masters	2.7	3.7	5.2	2.8	2.3	3.2	3.3
PhD	7.7	10.4	11.2	10.7	9.2	10.4	11.6
Higher doctorate	2.4	2.7	2.5	2.6	1.9	1.7	2.4
<i>Total</i>	<i>15.5</i>	<i>19.3</i>	<i>22.1</i>	<i>18.9</i>	<i>18.2</i>	<i>23.5</i>	<i>24.4</i>
<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>

(a) Before 1993, not all universities had citizenship information for all students completing courses, therefore these data include students for whom citizenship/residency status was unknown. Consequently there may be a small overstatement of Australian citizen/resident student course completions in the data before 1993.

Source: Department of Employment, Education, Training and Youth Affairs, unpublished data.

**Table 88: Medicine course completions: university, citizenship, level of course and sex, Australia, 1995**

	Research		Other postgraduate		Bachelor		Total		Total	% female
	Male	Female	Male	Female	Male	Female	Male	Female		
Flinders University										
Australian	1	0	0	0	26	28	27	28	55	50.9
Overseas students	0	0	0	0	7	9	7	9	16	56.3
<i>Total</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>33</i>	<i>37</i>	<i>34</i>	<i>37</i>	<i>71</i>	<i>52.1</i>
Monash University										
Australian	26	22	32	30	79	58	137	110	247	44.5
Overseas students	7	1	6	4	9	7	22	12	34	35.3
<i>Total</i>	<i>33</i>	<i>23</i>	<i>38</i>	<i>34</i>	<i>88</i>	<i>65</i>	<i>159</i>	<i>122</i>	<i>281</i>	<i>43.4</i>
University of Adelaide										
Australian	5	11	0	0	53	41	58	52	110	47.3
Overseas students	4	1	0	0	7	13	11	14	25	56.0
<i>Total</i>	<i>9</i>	<i>12</i>	<i>0</i>	<i>0</i>	<i>60</i>	<i>54</i>	<i>69</i>	<i>66</i>	<i>135</i>	<i>48.9</i>
University of										
Australian	30	34	5	16	96	75	131	125	256	48.8
Overseas students	1	0	0	4	20	10	21	14	35	40.0
<i>Total</i>	<i>31</i>	<i>34</i>	<i>5</i>	<i>20</i>	<i>116</i>	<i>85</i>	<i>152</i>	<i>139</i>	<i>291</i>	<i>47.8</i>
University of										
Australian	3	4	0	0	21	40	24	44	68	64.7
Overseas students	0	0	0	0	0	0	0	0	0	0.0
<i>Total</i>	<i>3</i>	<i>4</i>	<i>0</i>	<i>0</i>	<i>21</i>	<i>40</i>	<i>24</i>	<i>44</i>	<i>68</i>	<i>64.7</i>
University of New South Wales										
Australian	16	14	9	28	77	59	102	101	203	49.8
Overseas students	2	3	1	6	14	13	17	22	39	56.4
<i>Total</i>	<i>18</i>	<i>17</i>	<i>10</i>	<i>34</i>	<i>91</i>	<i>72</i>	<i>119</i>	<i>123</i>	<i>242</i>	<i>50.8</i>
University of Queensland										
Australian	11	4	7	15	121	95	139	114	253	45.1
Overseas students	0	0	0	0	4	4	4	4	8	50.0
<i>Total</i>	<i>11</i>	<i>4</i>	<i>7</i>	<i>15</i>	<i>125</i>	<i>99</i>	<i>143</i>	<i>118</i>	<i>261</i>	<i>45.2</i>
University of Sydney										
Australian	35	23	3	3	142	90	180	116	296	39.2
Overseas students	1	2	0	0	6	6	7	8	15	53.3
<i>Total</i>	<i>36</i>	<i>25</i>	<i>3</i>	<i>3</i>	<i>148</i>	<i>96</i>	<i>187</i>	<i>124</i>	<i>311</i>	<i>39.9</i>
University of										
Australian	0	0	0	0	15	28	15	28	43	65.1
Overseas students	0	0	0	0	3	2	3	2	5	40.0
<i>Total</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>18</i>	<i>30</i>	<i>18</i>	<i>30</i>	<i>48</i>	<i>62.5</i>
University of Western Australia										
Australian	5	5	1	3	53	44	59	52	111	46.8
Overseas students	0	2	0	1	0	0	0	3	3	100.0
<i>Total</i>	<i>5</i>	<i>7</i>	<i>1</i>	<i>4</i>	<i>53</i>	<i>44</i>	<i>59</i>	<i>55</i>	<i>114</i>	<i>48.2</i>
Total										
Australian	132	117	57	95	683	558	872	770	1,642	46.9
Overseas students	15	9	7	15	70	64	92	88	180	48.9
<b>Total</b>	<b>147</b>	<b>126</b>	<b>64</b>	<b>110</b>	<b>753</b>	<b>622</b>	<b>964</b>	<b>858</b>	<b>1,822</b>	<b>47.1</b>
% overseas	10.2	7.1	10.9	13.6	9.3	10.3	9.5	10.3	9.9	

Source: Department of Employment, Education, Training and Youth Affairs, unpublished data.

**Table 89: Australian citizen/permanent residents commencing undergraduate<sup>(a)</sup> medicine courses: State and region of home residence, 1989-96**

State / region of home	1989	1990	1991	1992	1993	1994	1995	1996	Total 1989-96	%
<b>New South Wales</b>										
Capital city	360	354	368	345	336	280	168	184	2,395	82.6
Other metropolitan	51	39	43	34	30	38	27	29	291	10.0
Large rural centre	8	3	2	8	8	8	4	4	45	1.6
Small rural centre	16	11	15	10	10	10	5	3	80	2.8
Other rural area	13	16	5	13	12	16	3	5	83	2.9
Other remote area	0	2	0	1	0	1	0	1	5	0.2
<i>Total</i>	<i>448</i>	<i>425</i>	<i>433</i>	<i>411</i>	<i>396</i>	<i>353</i>	<i>207(b)</i>	<i>226(b)</i>	<i>2,899</i>	<i>100.0</i>
<b>Victoria</b>										
Capital city	297	326	315	302	299	313	273	290	2,415	88.3
Other metropolitan	3	8	9	8	5	5	6	5	49	1.8
Large rural centre	6	5	7	6	10	3	11	10	58	2.1
Small rural centre	5	9	6	5	6	13	5	9	58	2.1
Other rural area	26	8	18	14	23	20	22	23	154	5.6
Other remote area	0	1	0	1	0	0	0	0	2	0.1
<i>Total</i>	<i>337</i>	<i>357</i>	<i>355</i>	<i>336</i>	<i>343</i>	<i>354</i>	<i>317</i>	<i>337</i>	<i>2,736</i>	<i>100.0</i>
<b>Queensland</b>										
Capital city	196	163	160	151	155	173	29	34	1,061	74.8
Other metropolitan	8	18	17	20	16	15	7	5	106	7.5
Large rural centre	10	24	21	24	22	15	2	5	123	8.7
Small rural centre	4	4	2	10	3	1	1	0	25	1.8
Other rural area	8	17	18	20	12	12	1	1	89	6.3
Remote centre	1	7	0	0	1	1	0	0	10	0.7
Other remote area	2	0	1	0	1	0	0	0	4	0.3
<i>Total</i>	<i>229</i>	<i>233</i>	<i>219</i>	<i>225</i>	<i>210</i>	<i>217</i>	<i>40(b)</i>	<i>45(b)</i>	<i>1,418</i>	<i>100.0</i>
<b>Western Australia</b>										
Capital city	113	116	119	114	117	112	111	119	921	92.7
Small rural centre	2	2	3	1	2	3	6	6	25	2.5
Other rural area	6	3	5	5	5	4	3	3	34	3.4
Remote centre	0	0	1	0	2	3	1	1	8	0.8
Other remote area	0	1	1	0	2	0	1	0	5	0.5
<i>Total</i>	<i>121</i>	<i>122</i>	<i>129</i>	<i>120</i>	<i>128</i>	<i>122</i>	<i>122</i>	<i>129</i>	<i>993</i>	<i>100.0</i>
<b>South Australia</b>										
Capital city	140	145	146	128	122	82	91	108	962	92.7
Large rural centre	2	3	0	0	0	1	1	0	7	0.7
Small rural centre	4	1	2	2	1	4	0	3	17	1.6
Other rural area	4	8	5	6	8	6	2	9	48	4.6
Other remote area	0	0	0	1	1	0	1	1	4	0.4
<i>Total</i>	<i>150</i>	<i>157</i>	<i>153</i>	<i>137</i>	<i>132</i>	<i>93(b)</i>	<i>95(b)</i>	<i>121</i>	<i>1,038</i>	<i>100.0</i>
<b>Tasmania</b>										
Capital city	29	26	28	25	28	33	30	27	226	61.2
Large rural centre	6	7	8	10	9	9	8	7	64	17.3
Small rural centre	2	7	3	7	4	1	4	1	29	7.9
Other rural area	4	7	10	8	7	4	3	6	49	13.3
Other remote area	1	0	0	0	0	0	0	0	1	0.3
<i>Total</i>	<i>42</i>	<i>47</i>	<i>49</i>	<i>50</i>	<i>48</i>	<i>47</i>	<i>45</i>	<i>41</i>	<i>369</i>	<i>100.0</i>
<b>Australian Capital Territory</b>										
Capital city	27	36	29	24	25	15	22	20	198	100.0

(continued)

**Table 89 (continued): Australian citizen/permanent residents commencing undergraduate<sup>(a)</sup> medicine courses: State and region of home residence, 1989–96**

State / region of home	1989	1990	1991	1992	1993	1994	1995	1996	Total 1989–96	%
<b>Northern Territory</b>										
Capital city	4	6	4	5	0	2	5	3	29	80.6
Remote centre	0	1	0	1	0	1	0	0	3	8.3
Other remote area	2	0	2	0	0	0	0	0	4	11.1
<i>Total</i>	6	7	6	6	0	3	5	3	36	100.0
<b>Total</b>										
Capital city	1,166	1,172	1,169	1,094	1,082	1,010	729	785	8,207	84.0
Other metropolitan	62	65	69	62	51	58	40	39	446	4.6
Large rural centre	32	42	38	48	49	36	26	26	297	3.0
Small rural centre	33	34	31	35	26	32	21	22	234	2.4
Other rural area	61	59	61	66	67	62	34	47	457	4.7
Remote centre	1	8	1	1	3	5	1	1	21	0.2
Other remote area	5	4	4	3	4	1	2	2	25	0.3
Not known	11	21	11	14	11	1	3	6	78	0.8
<b>Total</b>	<b>1,371</b>	<b>1,405</b>	<b>1,384</b>	<b>1,323</b>	<b>1,293</b>	<b>1,205</b>	<b>856(b)</b>	<b>928(b)</b>	<b>9,765</b>	<b>100.0</b>

(a) Includes bachelor pass, bachelor honours and postgraduate bachelor.

(b) Flinders University, University of Queensland and University of Sydney are introducing a four-year postgraduate degree medical course in place of the previous six-year undergraduate course. Each university has a two-year transition period during which only a small number of students with the necessary qualifications are 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: Department of Employment, Education, Training and Youth Affairs, unpublished data.

**Table 90: Australian citizen/permanent residents commencing undergraduate<sup>(a)</sup> medicine courses: sex and university, 1989–96**

University	1989	1990	1991	1992	1993	1994	1995	1996		
Flinders University(b)	57	76	69	63	64	8	0	60		
Monash University	153	151	161	140	136	136	130	139		
University of Adelaide	107	107	112	105	98	101	103	93		
University of Melbourne	182	197	185	182	182	192	199	198		
University of Newcastle	65	75	72	69	66	66	69	63		
University of New South Wales	152	141	144	156	139	145	160	175		
University of Queensland(b)	223	238	229	223	215	222	6	2		
University of Sydney(b)	264	251	238	219	218	164	14	21		
University of Tasmania	49	48	49	48	50	49	53	54		
University of Western Australia	119	121	125	118	125	122	122	123		
<b>Total</b>	<b>1,371</b>	<b>1,405</b>	<b>1,384</b>	<b>1,323</b>	<b>1,293</b>	<b>1,205</b>	<b>856</b>	<b>928</b>		
(per cent who are female)										
Flinders University	42.1	43.4	53.6	57.1	51.6	25.0	..	55.0		
Monash University	42.5	40.4	50.9	47.9	49.3	52.2	61.5	56.1		
University of Adelaide	40.2	48.6	42.9	49.5	39.8	39.6	53.4	43.0		
University of Melbourne	44.5	43.1	43.2	45.1	42.9	47.9	40.2	38.9		
University of Newcastle	66.2	73.3	66.7	65.2	57.6	57.6	56.5	60.3		
University of New South Wales	42.1	42.6	40.3	36.5	41.0	42.1	40.0	47.4		
University of Queensland	42.2	48.7	49.8	41.3	55.3	50.0	50.0	0.0		
University of Sydney	36.0	35.5	43.7	35.2	43.6	46.3	35.7	38.1		
University of Tasmania	59.2	60.4	61.2	58.3	54.0	61.2	43.4	53.7		
University of Western Australia	47.9	42.1	54.4	46.6	46.4	50.0	46.7	52.0		
<b>Total</b>	<b>43.4</b>	<b>44.9</b>	<b>48.3</b>	<b>44.7</b>	<b>47.3</b>	<b>48.3</b>	<b>47.4</b>	<b>48.5</b>		

For footnotes see table above.

**Table 91: Australian citizen/permanent residents commencing undergraduate<sup>(a)</sup> medicine courses: university and State of home residence, 1993<sup>(b)</sup>**

	Student's State of home residence									Total
	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Not known	
University of Sydney	199	7	3	4	0	0	5	0	0	218
University of New South	124	4	0	1	1	0	8	0	1	139
University of Newcastle	57	2	3	0	0	0	4	0	0	66
University of Melbourne	1	171	1	0	0	0	3	0	6	182
Monash University	1	135	0	0	0	0	0	0	0	136
University of Queensland	7	5	201	0	0	0	1	0	1	215
University of Western	1	0	0	123	0	0	0	0	1	125
University of Adelaide	0	4	0	0	91	0	1	0	2	98
Flinders University	6	15	2	0	40	0	1	0	0	64
University of Tasmania	0	0	0	0	0	48	2	0	0	50
<b>Total</b>	<b>396</b>	<b>343</b>	<b>210</b>	<b>128</b>	<b>132</b>	<b>48</b>	<b>25</b>	<b>0</b>	<b>11</b>	<b>1,293</b>
	(per cent)									
University of Sydney	50.3	2.0	1.4	3.1	0.0	0.0	20.0	..	0.0	16.9
University of New South	31.3	1.2	0.0	0.8	0.8	0.0	32.0	..	9.1	10.8
University of Newcastle	14.4	0.6	1.4	0.0	0.0	0.0	16.0	..	0.0	5.1
University of Melbourne	0.3	49.9	0.5	0.0	0.0	0.0	12.0	..	54.5	14.1
Monash University	0.3	39.4	0.0	0.0	0.0	0.0	0.0	..	0.0	10.5
University of Queensland	1.8	1.5	95.7	0.0	0.0	0.0	4.0	..	9.1	16.6
University of Western	0.3	0.0	0.0	96.1	0.0	0.0	0.0	..	9.1	9.7
University of Adelaide	0.0	1.2	0.0	0.0	68.9	0.0	4.0	..	18.2	7.6
Flinders University	1.5	4.4	1.0	0.0	30.3	0.0	4.0	..	0.0	4.9
University of Tasmania	0.0	0.0	0.0	0.0	0.0	100.0	8.0	..	0.0	3.9
<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>	<b>100.0</b>	<b>..</b>	<b>100.0</b>	<b>100.0</b>
University of Sydney	91.3	3.2	1.4	1.8	0.0	0.0	2.3	..	0.0	100.0
University of New South	89.2	2.9	0.0	0.7	0.7	0.0	5.8	..	0.7	100.0
University of Newcastle	86.4	3.0	4.5	0.0	0.0	0.0	6.1	..	0.0	100.0
University of Melbourne	0.5	94.0	0.5	0.0	0.0	0.0	1.6	..	3.3	100.0
Monash University	0.7	99.3	0.0	0.0	0.0	0.0	0.0	..	0.0	100.0
University of Queensland	3.3	2.3	93.5	0.0	0.0	0.0	0.5	..	0.5	100.0
University of Western	0.8	0.0	0.0	98.4	0.0	0.0	0.0	..	0.8	100.0
University of Adelaide	0.0	4.1	0.0	0.0	92.9	0.0	1.0	..	2.0	100.0
Flinders University	9.4	23.4	3.1	0.0	62.5	0.0	1.6	..	0.0	100.0
University of Tasmania	0.0	0.0	0.0	0.0	0.0	96.0	4.0	..	0.0	100.0
<b>Total</b>	<b>30.6</b>	<b>26.5</b>	<b>16.2</b>	<b>9.9</b>	<b>10.2</b>	<b>3.7</b>	<b>1.9</b>	<b>..</b>	<b>0.9</b>	<b>100.0</b>
Estimated population at 30 June,	5,997.4	.464.	3,116.	1,676.	1,462.	471.4	298.9	169.3	..	17,656.
Per cent	34.0	25.3	17.6	9.5	8.3	2.7	1.7	1.0	..	100.0

(a) Includes bachelor pass, bachelor honours and postgraduate bachelor.

(b) 1993 is the most recent year for which data are available in which all medical schools had a full intake to the initial medicine degree course. The data for 1994, 1995 and 1996 are biased due to the transition from a six-year undergraduate medicine course to a four-year postgraduate course at Flinders University, the University of Sydney and the University of Queensland. All medical schools had a full intake to an initial medicine degree course in 1997, but these data are not yet available.

Sources: Department of Employment, Education, Training and Youth Affairs, unpublished data; ABS, Cat. No. 3101.0.

**Table 92: Australian citizen/permanent residents commencing undergraduate<sup>(a)</sup> medicine courses: university and State of home residence, 1996**

	Student's State of home residence									Total
	NSW(b)	Vic	Qld(b)	WA	SA	Tas	ACT	NT	Not known	
University of Sydney	20	0	0	0	0	0	0	0	1	21
University of New South	148	1	16	2	0	0	6	0	2	175
University of Newcastle	44	4	5	1	1	0	7	1	0	63
University of Melbourne	1	183	9	0	1	0	3	0	1	198
Monash University	0	134	5	0	0	0	0	0	0	139
University of Queensland	0	0	2	0	0	0	0	0	0	2
University of Western Australia	2	1	1	119	0	0	0	0	0	123
University of Adelaide	3	0	0	2	86	0	1	0	1	93
Flinders University	5	7	4	5	33	1	3	1	1	60
University of Tasmania	3	7	3	0	0	40	0	1	0	54
<b>Total</b>	<b>226</b>	<b>337</b>	<b>45</b>	<b>129</b>	<b>121</b>	<b>41</b>	<b>20</b>	<b>3</b>	<b>6</b>	<b>928</b>
	(per cent)									
University of Sydney	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	2.3
University of New South	65.5	0.3	35.6	1.6	0.0	0.0	30.0	0.0	33.3	18.9
University of Newcastle	19.5	1.2	11.1	0.8	0.8	0.0	35.0	33.3	0.0	6.8
University of Melbourne	0.4	54.3	20.0	0.0	0.8	0.0	15.0	0.0	16.7	21.3
Monash University	0.0	39.8	11.1	0.0	0.0	0.0	0.0	0.0	0.0	15.0
University of Queensland	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2
University of Western Australia	0.9	0.3	2.2	92.2	0.0	0.0	0.0	0.0	0.0	13.3
University of Adelaide	1.3	0.0	0.0	1.6	71.1	0.0	5.0	0.0	16.7	10.0
Flinders University	2.2	2.1	8.9	3.9	27.3	2.4	15.0	33.3	16.7	6.5
University of Tasmania	1.3	2.1	6.7	0.0	0.0	97.6	0.0	33.3	0.0	5.8
<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>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
University of Sydney	95.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	100.0
University of New South	84.6	0.6	9.1	1.1	0.0	0.0	3.4	0.0	1.1	100.0
University of Newcastle	69.8	6.3	7.9	1.6	1.6	0.0	11.1	1.6	0.0	100.0
University of Melbourne	0.5	92.4	4.5	0.0	0.5	0.0	1.5	0.0	0.5	100.0
Monash University	0.0	96.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	100.0
University of Queensland	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
University of Western Australia	1.6	0.8	0.8	96.7	0.0	0.0	0.0	0.0	0.0	100.0
University of Adelaide	3.2	0.0	0.0	2.2	92.5	0.0	1.1	0.0	1.1	100.0
Flinders University	8.3	11.7	6.7	8.3	55.0	1.7	5.0	1.7	1.7	100.0
University of Tasmania	5.6	13.0	5.6	0.0	0.0	74.1	0.0	1.9	0.0	100.0
<b>Total</b>	<b>24.4</b>	<b>36.3</b>	<b>4.8</b>	<b>13.9</b>	<b>13.0</b>	<b>4.4</b>	<b>2.2</b>	<b>0.3</b>	<b>0.6</b>	<b>100.0</b>
Estimated population at 30 June.	6.190.2	4.541.0	3.354.7	1.762.7	1.479.2	473.4	307.5	177.7	..	18.289.1
Per cent	33.8	24.8	18.3	9.6	8.1	2.6	1.7	1.0	..	100.0

(a) Includes bachelor pass, bachelor honours and postgraduate bachelor.

(b) The data are biased for New South Wales and Queensland due to the transition from a six-year undergraduate medicine course to a four-year postgraduate course at the University of Sydney and the University of Queensland. All medical schools had a full intake to an initial medicine degree course in 1997, but these data are not yet available.

Sources: Department of Employment, Education, Training and Youth Affairs, unpublished data; ABS, Cat. No. 3101.0.

**Table 93: Australian citizen/permanent resident medicine students: level of course and sex, 1989–96**

Level of course	1989	1990	1991	1992	1993	1994	1995	1996
Bachelor	7,111	7,128	7,434	7,608	7,661	7,560	7,093	6,661
Postgraduate:								
Bachelor	0	0	0	5	5	6	13	68
Diploma/certificate	40	40	63	107	158	205	231	161
Masters qualifying	5	9	7	18	4	3	0	1
Masters	456	493	517	638	326	373	388	398
PhD	771	877	971	1,161	1,367	1,254	1,424	1,532
Higher doctorate	123	142	123	134	116	75	81	86
<i>Total</i>	<i>1,395</i>	<i>1,561</i>	<i>1,681</i>	<i>2,063</i>	<i>1,976</i>	<i>1,916</i>	<i>2,137</i>	<i>2,246</i>
<b>Total</b>	<b>8,506</b>	<b>8,689</b>	<b>9,115</b>	<b>9,671</b>	<b>9,637</b>	<b>9,476</b>	<b>9,230</b>	<b>8,907</b>
(per cent who are female)								
Bachelor	41.8	42.5	43.5	44.3	45.3	46.1	46.0	46.7
Postgraduate:								
Bachelor	..	..	..	20.0	60.0	66.7	15.4	55.9
Diploma/certificate	75.0	77.5	71.4	42.1	38.6	43.4	56.7	67.1
Masters qualifying	80.0	55.6	57.1	55.6	50.0	100.0	..	100.0
Masters	47.1	51.9	54.5	52.4	43.6	40.8	40.5	40.7
PhD	42.5	44.8	48.4	49.6	50.0	49.2	51.8	53.3
Higher doctorate	26.0	19.7	18.7	26.1	29.3	25.3	23.5	25.6
<i>Total</i>	<i>43.7</i>	<i>45.7</i>	<i>49.0</i>	<i>48.5</i>	<i>46.8</i>	<i>46.1</i>	<i>49.0</i>	<i>51.1</i>
<b>Total</b>	<b>42.1</b>	<b>43.0</b>	<b>44.5</b>	<b>45.2</b>	<b>45.6</b>	<b>46.1</b>	<b>46.7</b>	<b>47.8</b>

Source: Department of Employment, Education, Training and Youth Affairs, unpublished data.

**Table 94: Australian citizen/permanent resident medicine students: country of birth and sex, 1994–96**

Country of birth	1994			1995			1996		
	Person	%	% total	Person	%	% total	Person	%	% total
Australia	5,943	48.0	62.7	5,768	48.6	62.5	5,485	49.8	61.6
New Zealand	67	55.2	0.7	58	55.2	0.6	119	54.6	1.3
Other Oceania	56	37.5	0.6	52	40.4	0.6	51	45.1	0.6
Malaysia	560	38.8	5.9	565	39.3	6.1	526	40.5	5.9
Vietnam	403	36.5	4.3	376	37.2	4.1	349	37.0	3.9
Hong Kong	363	35.5	3.8	354	39.5	3.8	345	38.3	3.9
China (incl. Taiwan)	181	48.1	1.9	244	48.8	2.6	298	47.7	3.3
Singapore	173	49.7	1.8	162	47.5	1.8	148	48.0	1.7
India	121	38.0	1.3	115	42.6	1.2	116	39.7	1.3
Sri Lanka	110	51.8	1.2	107	49.5	1.2	107	52.3	1.2
South Korea	73	30.1	0.8	69	27.5	0.7	70	30.0	0.8
Other Asia	122	46.7	1.3	115	45.2	1.2	115	52.2	1.3
United Kingdom/Ireland	467	51.4	4.9	438	50.5	4.7	430	51.2	4.8
Other Europe/Russia	301	46.2	3.2	276	46.7	3.0	265	47.5	3.0
Middle East/North Africa	155	40.0	1.6	163	41.7	1.8	155	40.0	1.7
South Africa	98	48.0	1.0	94	50.0	1.0	98	52.0	1.1
Other Africa	58	43.1	0.6	58	36.2	0.6	63	42.9	0.7
North America	111	52.3	1.2	106	49.1	1.1	109	51.4	1.2
Central and South America	36	47.2	0.4	34	47.1	0.4	40	47.5	0.4
Not known	78	30.8	0.8	76	36.8	0.8	18	44.4	0.2
<b>Total</b>	<b>9,476</b>	<b>46.1</b>	<b>100.0</b>	<b>9,230</b>	<b>46.7</b>	<b>100.0</b>	<b>8,907</b>	<b>47.8</b>	<b>100.0</b>

Source: Department of Employment, Education, Training and Youth Affairs, unpublished data.