

## 8 Migration and education

### Migration

Nurse international migration data were provided by the Department of Immigration and Multicultural Affairs. In 1995–96, migration flows included the following.

- 1,166 nurses who were citizens of foreign countries permanently migrated to Australia and a further 1,954 nurses who were Australian citizens or permanent residents of Australia returned after a long-term (12 months or more) overseas stay. During the same year, 633 Australian nurses permanently migrated from Australia and a further 428 foreign nurses who had been residing in Australia for 12 months or more departed.
- 250 nurses who were citizens of foreign countries arrived in Australia temporarily to take up employment: 48.4% had previously resided in New Zealand and 39.2% in the United Kingdom and Ireland. During the same year, 1,281 Australian citizen or permanent resident nurses left Australia temporarily to take up employment overseas – 28.8% in the Middle East, 27.8% in the United Kingdom and Ireland, 11.9% in Hong Kong and 8.7% in the United States and Canada.
- 234 nurses arrived in Australia temporarily for education purposes, of whom 69.2% were residents of Asia. Some 65 Australians departed temporarily to study overseas – 55.4% in the United Kingdom and Ireland.

The Australian Nursing Council is responsible for assessing, for migration purposes, the qualifications of nurses educated overseas. In 1996–97, there were 740 overseas-educated nurse applicants assessed as eligible to practise nursing in Australia; 61.8% were from the United Kingdom and Ireland, a decline from 87.6% in 1994–95.

The unsuccessful applicants were advised that either they would need to undertake a migrant bridging program or they did not meet the requirements for registration because:

- the length of time since the applicant last practised nursing was more than five years;
- there is no register existing in Australia for the particular qualification held; or
- the applicant was not a registered nurse in the country of origin.

### Education

Data on students who commenced, enrolled in or completed courses in nursing were provided by the Department of Employment, Education, Training and Youth Affairs. Features of these data included the following.

- 31,350 students were enrolled in nursing courses in 1997 – 21,462 (68.5%) in basic nursing and 9,888 (31.5%) in post-basic nursing courses. This represented a 12.2% decline from the peak enrolment of 35,692 in 1993.
- 94.9% of students enrolled in basic nursing courses in 1997 were Australian citizen or permanent resident students, of whom 86.0% were female.
- 13,546 students commenced nursing courses in 1997 – 43.2% of enrolments. Of these, 8,231 (60.8%) commenced basic nursing and 5,315 (39.2%) commenced post-basic nursing courses.
- 91.8% of students commencing basic nursing courses were Australian citizen or permanent resident students, of whom 87.4% were female.

- 10,753 students completed nursing courses at Australian universities in 1996 – 6,040 (56.2%) completed basic nursing and 4,719 (43.8%) post-basic nursing courses.
- 96.4% of students completing basic nursing courses were Australian citizen or permanent resident students, of whom 88.0% were female.
- The 10,090 Australian permanent resident students in 1996 who completed nursing courses were comprised of 80.1% born in Australia, 19.2% born overseas, and a remaining 0.7% who were unable to be classified. Of the 1,943 students born overseas, 36.0% were from the United Kingdom and Ireland and 24.4% were from Asian countries.
- The home location of 67.2% of Australian citizen or permanent resident students enrolled in nursing courses was a capital city; 7.8% were from other metropolitan areas; 23.4% were from rural areas; and 1.6% were from remote areas. This was similar to the distribution for the population as a whole.

**Table 54: Permanent migration of nurses to and from Australia: 1992-93 to 1995-96**

	1992-93	1993-94	1994-95	1995-96
<b>Permanent migration to Australia of overseas residents</b>				
Country of previous residence				
New Zealand	137	147	170	210
Other Oceania	12	18	5	17
United Kingdom/Ireland	302	325	396	364
Other Europe	125	101	114	102
Middle East	7	10	32	31
Africa	11	20	28	45
Hong Kong	167	65	158	88
China	14	22	13	151
Philippines	41	39	38	33
Other Asia	79	59	73	66
United States/Canada	54	37	50	54
Other countries	7	4	4	5
<i>Total</i>	<i>956</i>	<i>847</i>	<i>1,081</i>	<i>1,166</i>
<b>Migration to Australia by Australian residents returning after a long-term overseas stay</b>				
Country of long-term stay				
New Zealand	62	68	49	70
Other Oceania	32	41	45	36
United Kingdom/Ireland	1,010	965	985	958
Other Europe	122	120	128	137
Middle East	119	207	236	196
Africa	38	36	44	35
Hong Kong	89	111	112	89
Singapore	25	18	38	38
Malaysia	32	32	26	27
Other Asia	69	62	69	71
United States/Canada	257	267	270	267
Other countries	12	28	13	30
<i>Total</i>	<i>1,867</i>	<i>1,955</i>	<i>2,015</i>	<i>1,954</i>
<b>Permanent migration from Australia of Australian residents</b>				
Country of future residence				
New Zealand	189	236	207	207
Other Oceania	10	9	5	5
United Kingdom/Ireland	254	225	195	225
Other Europe	37	33	42	43
Middle East	13	16	16	24
Asia	41	43	35	49
United States/Canada	105	79	85	76
Other countries	7	25	6	4
<i>Total</i>	<i>656</i>	<i>666</i>	<i>591</i>	<i>633</i>
<b>Migration from Australia by temporary visitors departing after a long-term stay</b>				
Country of future residence				
New Zealand	75	77	60	67
Other Oceania	35	30	20	28
United Kingdom/Ireland	144	82	130	162
Other Europe	21	35	26	39
Hong Kong	42	13	14	13
China	23	21	12	10
Other Asia	56	45	65	67
United States/Canada	13	21	32	32
Other countries	9	8	9	10
<i>Total</i>	<i>418</i>	<i>332</i>	<i>368</i>	<i>428</i>

*Note:* Long-term movements refer to those involving 12 months or more.

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

**Table 55: Temporary migration of nurses to and from Australia for employment, 1992-93 to 1995-96**

	1992-93	1993-94	1994-95	1995-96
<b>Migration to Australia for long-term stay</b>				
Country of previous residence				
New Zealand	85	69	66	77
United Kingdom/Ireland	21	26	32	45
Other countries	16	23	15	24
<i>Total</i>	122	118	113	146
<b>Migration to Australia for short-term stay</b>				
Country of previous residence				
New Zealand	70	51	56	44
United Kingdom/Ireland	23	54	45	53
Other countries	9	25	23	7
<i>Total</i>	102	130	124	104
<b>Migration from Australia of Australian residents for long-term overseas stay</b>				
Country of long-term stay				
New Zealand	22	26	32	27
Other Oceania	34	22	30	30
United Kingdom/Ireland	199	175	185	231
Other Europe	22	27	16	26
Middle East	172	235	224	233
Hong Kong	60	47	63	54
Singapore	25	33	24	24
Other Asia	55	39	57	61
United States/Canada	114	98	68	71
Other countries	17	18	26	29
<i>Total</i>	720	720	725	786
<b>Migration from Australia of Australian residents for short-term overseas stay</b>				
Country of short-term stay				
New Zealand	10	18	9	16
Other Oceania	15	15	15	9
UK/Ireland	102	72	62	125
Other Europe	12	7	14	12
Middle East	213	186	161	136
Hong Kong	111	90	92	99
Other Asia	59	30	48	50
United States/Canada	92	80	45	40
Other countries	6	15	9	8
<i>Total</i>	620	513	455	495

*Note:* Long-term movements refer to those involving 12 months or more.

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

**Table 56: Temporary migration of nurses to and from Australia for education, 1992–93 to 1995–96**

	1992–93	1993–94	1994–95	1995–96
<b>Migration to Australia for long–term stay</b>				
Country of previous residence				
New Zealand	5	11	9	1
Other Oceania	19	26	15	14
Hong Kong	24	11	18	31
Singapore	24	32	25	8
Other Asia	41	31	35	15
Other countries	20	17	14	36
<i>Total</i>	133	128	116	105
<b>Migration to Australia for short–term stay</b>				
Country of previous residence				
New Zealand	3	4	4	1
Other Oceania	5	15	12	11
Singapore	25	45	28	21
Hong Kong	41	16	17	12
Other Asia	25	24	65	75
United States/Canada	43	1	3	3
Other countries	5	10	11	6
<i>Total</i>	147	115	140	129
<b>Migration from Australia of Australian residents for long–term overseas stay</b>				
Country of long–term stay				
United Kingdom/Ireland	45	24	32	24
Other countries	20	24	23	16
<i>Total</i>	65	48	55	40
<b>Migration from Australia of Australian residents for short–term overseas stay</b>				
Country of short–term stay				
United Kingdom/Ireland	16	9	14	12
Other countries	16	13	11	13
<i>Total</i>	32	22	25	25

*Note:* Long-term movements refer to those involving 12 months or more.

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

**Table 57: Persons with overseas nursing qualifications assessed by the Australian Nursing Council as eligible to practise in Australia: country of qualification, 1992-93 to 1996-97**

<b>Country</b>	<b>1992-93</b>	<b>1993-94</b>	<b>1994-95</b>	<b>1995-96</b>	<b>1996-97</b>
New Zealand	18	6	3	9	7
Other Oceania	0	0	0	1	4
Hong Kong	86	35	4	22	80
Philippines	6	3	1	6	9
Other Asia	8	8	2	7	19
South Africa	13	24	16	88	89
Other Africa/Middle East	4	1	1	1	6
United Kingdom/Ireland	493	545	318	613	457
Other Europe	4	1	2	10	26
United States/Canada	36	50	16	62	43
<b>Total</b>	<b>668</b>	<b>673</b>	<b>363</b>	<b>819</b>	<b>740</b>
	<b>(per cent)</b>				
New Zealand	2.7	0.9	0.8	1.1	0.9
Other Oceania	0.0	0.0	0.0	0.1	0.5
Hong Kong	12.9	5.2	1.1	2.7	10.8
Philippines	0.9	0.4	0.3	0.7	1.2
Other Asia	1.2	1.2	0.6	0.9	2.6
South Africa	1.9	3.6	4.4	10.7	12.0
Other Africa/Middle East	0.6	0.1	0.3	0.1	0.8
United Kingdom/Ireland	73.8	81.0	87.6	74.8	61.8
Other Europe	0.6	0.1	0.6	1.2	3.5
United States/Canada	5.4	7.4	4.4	7.6	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>

Source: Australian Nursing Council annual reports, 1993, 1994, 1995, 1996 and 1997.

**Table 58: Nursing course commencements: type and level of course and residency, Australia, 1989–97**

Type/level of course	1989	1990	1991	1992	1993	1994	1995	1996	1997(a)
<b>Australian permanent resident students</b>									
<b>Basic nursing</b>									
Bachelor (pass/honours) (b)	122	184	801	8,748	8,407	8,264	8,135	7,778	7,546
Diploma	6,625	7,656	8,546	347	121	13	11	3	6
<i>Total basic nursing</i>	<i>6,747</i>	<i>7,840</i>	<i>9,347</i>	<i>9,095</i>	<i>8,528</i>	<i>8,277</i>	<i>8,146</i>	<i>7,781</i>	<i>7,552</i>
<i>% female</i>	<i>85.8</i>	<i>87.3</i>	<i>85.6</i>	<i>85.4</i>	<i>85.2</i>	<i>86.0</i>	<i>84.9</i>	<i>85.2</i>	<i>85.9</i>
<b>Post-basic nursing</b>									
PhD/Masters/higher doctorate	87	135	261	292	434	458	637	702	872
Postgraduate qualifying	0	12	43	12	14	3	0	3	0
Postgraduate diploma	126	354	501	692	1,034	1,397	1,843	2,058	2,075
Bachelor (postgraduate)	0	0	98	0	0	115	108	50	19
Bachelor (pass/honours)	2,014	2,969	3,125	3,347	3,441	2,703	2,623	2,092	1,277
Graduate certificate	0	0	46	87	233	225	301	446	337
Diploma/associate diploma	608	114	12	7	0	0	0	0	0
<i>Total post-basic nursing</i>	<i>2,835</i>	<i>3,584</i>	<i>4,086</i>	<i>4,437</i>	<i>5,156</i>	<i>4,901</i>	<i>5,512</i>	<i>5,351</i>	<i>4,580</i>
<i>% female</i>	<i>88.8</i>	<i>88.9</i>	<i>89.4</i>	<i>89.4</i>	<i>91.3</i>	<i>91.8</i>	<i>90.1</i>	<i>90.2</i>	<i>89.8</i>
<b>Total</b>	<b>9,582</b>	<b>11,424</b>	<b>13,433</b>	<b>13,532</b>	<b>13,684</b>	<b>13,178</b>	<b>13,658</b>	<b>13,132</b>	<b>12,132</b>
<b>% female</b>	<b>86.7</b>	<b>87.8</b>	<b>86.8</b>	<b>86.7</b>	<b>87.5</b>	<b>88.1</b>	<b>87.0</b>	<b>87.3</b>	<b>87.4</b>
<b>Overseas students</b>									
<b>Basic nursing</b>									
Bachelor (pass/honours)	2	6	28	567	425	512	490	444	679
Diploma	163	173	194	19	13	0	0	0	0
<i>Total basic nursing</i>	<i>165</i>	<i>179</i>	<i>222</i>	<i>586</i>	<i>438</i>	<i>512</i>	<i>490</i>	<i>444</i>	<i>679</i>
<i>% female</i>	<i>83.6</i>	<i>92.2</i>	<i>86.0</i>	<i>87.4</i>	<i>87.9</i>	<i>87.3</i>	<i>89.4</i>	<i>91.0</i>	<i>93.1</i>
<b>Post-basic nursing</b>									
PhD/Masters/higher doctorate	5	3	14	18	31	38	36	37	90
Postgraduate qualifying	0	0	1	0	2	0	0	0	0
Postgraduate diploma	5	10	18	28	33	47	63	34	44
Bachelor (postgraduate)	0	0	2	0	0	17	3	14	4
Bachelor (pass/honours)	170	206	267	214	208	215	349	377	571
Graduate certificate	0	0	1	2	3	3	5	11	26
Diploma/associate diploma	25	28	29	0	0	0	0	0	0
<i>Total post-basic nursing</i>	<i>205</i>	<i>247</i>	<i>332</i>	<i>262</i>	<i>277</i>	<i>320</i>	<i>456</i>	<i>473</i>	<i>735</i>
<i>% female</i>	<i>88.8</i>	<i>90.7</i>	<i>91.9</i>	<i>90.1</i>	<i>93.1</i>	<i>92.2</i>	<i>91.7</i>	<i>94.9</i>	<i>93.3</i>
<b>Total</b>	<b>370</b>	<b>426</b>	<b>554</b>	<b>848</b>	<b>715</b>	<b>832</b>	<b>946</b>	<b>917</b>	<b>1,414</b>
<b>% female</b>	<b>86.5</b>	<b>91.3</b>	<b>89.5</b>	<b>88.2</b>	<b>89.9</b>	<b>89.2</b>	<b>90.5</b>	<b>93.0</b>	<b>93.2</b>
<b>(overseas students as a percentage of all students)</b>									
<b>Basic nursing</b>									
Bachelor (pass/honours)	1.6	3.2	3.4	6.1	4.8	5.8	5.7	5.4	8.3
Diploma	2.4	2.2	2.2	5.2	9.7	0.0	0.0	0.0	0.0
<i>Total basic nursing</i>	<i>2.4</i>	<i>2.2</i>	<i>2.3</i>	<i>6.1</i>	<i>4.9</i>	<i>5.8</i>	<i>5.7</i>	<i>5.4</i>	<i>8.2</i>
<b>Post-basic nursing</b>									
PhD/Masters/higher doctorate	5.4	2.2	5.1	5.8	6.7	7.7	5.3	5.0	9.4
Postgraduate qualifying	..	0.0	2.3	0.0	12.5	0.0	..	0.0	0.0
Postgraduate diploma	3.8	2.7	3.5	3.9	3.1	3.3	3.3	1.6	2.1
Bachelor (postgraduate)	..	..	2.0	..	..	12.9	2.7	21.9	17.4
Bachelor (pass/honours)	7.8	6.5	7.9	6.0	5.7	7.4	11.7	15.3	30.9
Graduate certificate	..	..	2.1	2.2	1.3	1.3	1.6	2.4	7.2
Diploma/associate diploma	3.9	19.7	70.7	0.0	..	..	..	..	..
<i>Total post-basic nursing</i>	<i>6.7</i>	<i>6.4</i>	<i>7.5</i>	<i>5.6</i>	<i>5.1</i>	<i>6.1</i>	<i>7.6</i>	<i>8.1</i>	<i>13.8</i>
<b>Total</b>	<b>3.7</b>	<b>3.6</b>	<b>4.0</b>	<b>5.9</b>	<b>5.0</b>	<b>5.9</b>	<b>6.5</b>	<b>6.5</b>	<b>10.4</b>

(a) Includes New Zealand citizens, who were included with Australian permanent resident students data for 1997.

(b) Includes 59 students commencing a postgraduate qualifying or postgraduate diploma course in 1990.

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

**Table 59: Nursing course enrolments: type and level of course and residency, Australia, 1989–97**

Type/level of course	1989	1990	1991	1992	1993	1994	1995	1996	1997(b)
<b>Australian permanent resident students</b>									
<b>Basic nursing</b>									
Bachelor (pass/honours) (a)	319	347	1,261	15,152	21,615	23,373	22,144	21,058	20,366
Diploma	15,334	17,944	20,405	8,227	2,319	256	66	10	12
<i>Total basic nursing</i>	<i>15,653</i>	<i>18,291</i>	<i>21,666</i>	<i>23,379</i>	<i>23,934</i>	<i>23,629</i>	<i>22,210</i>	<i>21,068</i>	<i>20,378</i>
<i>% female</i>	<i>86.2</i>	<i>86.9</i>	<i>86.7</i>	<i>86.5</i>	<i>86.1</i>	<i>86.5</i>	<i>86.3</i>	<i>86.0</i>	<i>86.0</i>
<b>Post-basic nursing</b>									
PhD/Masters/higher doctorate	146	265	472	603	821	954	1,217	1,374	1,669
Postgraduate qualifying	0	12	62	17	19	5	0	3	0
Postgraduate diploma	189	463	753	1,073	1,511	2,088	2,641	3,245	3,226
Bachelor (postgraduate)	0	0	348	0	0	189	192	128	60
Bachelor (pass/honours)	3,963	5,635	6,803	7,753	7,819	5,486	5,157	4,701	3,446
Graduate certificate	0	0	46	106	251	272	321	493	401
Diploma/associate diploma	1,007	330	17	31	0	0	0	0	0
<i>Total post-basic nursing</i>	<i>5,305</i>	<i>6,705</i>	<i>8,501</i>	<i>9,583</i>	<i>10,421</i>	<i>8,994</i>	<i>9,528</i>	<i>9,944</i>	<i>8,802</i>
<i>% female</i>	<i>87.1</i>	<i>88.6</i>	<i>89.2</i>	<i>89.9</i>	<i>90.8</i>	<i>91.7</i>	<i>90.8</i>	<i>91.2</i>	<i>90.8</i>
<b>Total</b>	<b>20,958</b>	<b>24,996</b>	<b>30,167</b>	<b>32,962</b>	<b>34,355</b>	<b>32,623</b>	<b>31,738</b>	<b>31,012</b>	<b>29,180</b>
<b>% female</b>	<b>86.4</b>	<b>87.3</b>	<b>87.4</b>	<b>87.5</b>	<b>87.5</b>	<b>88.0</b>	<b>87.6</b>	<b>87.6</b>	<b>87.5</b>
<b>Overseas students</b>									
<b>Basic nursing</b>									
Bachelor (pass/honours)	5	7	40	789	852	842	995	766	1,084
Diploma	302	365	413	169	70	10	2	0	0
<i>Total basic nursing</i>	<i>307</i>	<i>372</i>	<i>453</i>	<i>958</i>	<i>922</i>	<i>852</i>	<i>997</i>	<i>766</i>	<i>1,084</i>
<i>% female</i>	<i>85.3</i>	<i>87.6</i>	<i>86.5</i>	<i>86.7</i>	<i>88.2</i>	<i>87.7</i>	<i>87.7</i>	<i>88.5</i>	<i>90.9</i>
<b>Post-basic nursing</b>									
PhD/Masters/higher doctorate	13	7	18	32	47	67	82	68	121
Postgraduate qualifying	0	0	1	0	2	0	0	0	0
Postgraduate diploma	6	12	23	31	44	60	81	34	47
Bachelor (postgraduate)	0	0	7	0	0	20	5	14	4
Bachelor (pass/honours)	244	371	440	397	317	316	508	547	888
Graduate certificate	0	0	1	3	5	4	5	11	26
Diploma/associate diploma	28	31	30	2	0	0	0	0	0
<i>Total post-basic nursing</i>	<i>291</i>	<i>421</i>	<i>520</i>	<i>465</i>	<i>415</i>	<i>467</i>	<i>681</i>	<i>674</i>	<i>1,086</i>
<i>% female</i>	<i>90.7</i>	<i>91.0</i>	<i>92.5</i>	<i>89.2</i>	<i>90.8</i>	<i>92.7</i>	<i>92.8</i>	<i>95.4</i>	<i>93.0</i>
<b>Total</b>	<b>598</b>	<b>793</b>	<b>973</b>	<b>1,423</b>	<b>1,337</b>	<b>1,319</b>	<b>1,678</b>	<b>1,440</b>	<b>2,170</b>
<b>% female</b>	<b>88.0</b>	<b>89.4</b>	<b>89.7</b>	<b>87.6</b>	<b>89.0</b>	<b>89.5</b>	<b>89.7</b>	<b>91.7</b>	<b>91.9</b>
<b>(overseas students as a percentage of all students)</b>									
<b>Basic nursing</b>									
Bachelor (pass/honours)	1.5	2.0	3.1	4.9	3.8	3.5	4.3	3.5	5.1
Diploma	1.9	2.0	2.0	2.0	2.9	3.8	2.9	0.0	0.0
<i>Total basic nursing</i>	<i>1.9</i>	<i>2.0</i>	<i>2.0</i>	<i>3.9</i>	<i>3.7</i>	<i>3.5</i>	<i>4.3</i>	<i>3.5</i>	<i>5.1</i>
<b>Post-basic nursing</b>									
PhD/Masters/higher doctorate	8.2	2.6	3.7	5.0	5.4	6.6	6.3	4.7	6.8
Postgraduate qualifying	..	0.0	1.6	0.0	9.5	0.0	..	0.0	0.0
Postgraduate diploma	3.1	2.5	3.0	2.8	2.8	2.8	3.0	1.0	1.4
Bachelor (postgraduate)	..	..	2.0	..	..	9.6	2.5	9.9	6.3
Bachelor (pass/honours)	5.8	6.2	6.1	4.9	3.9	5.4	9.0	10.4	20.5
Graduate certificate	..	..	2.1	2.8	2.0	1.4	1.5	2.2	6.1
Diploma/associate diploma	2.7	8.6	63.8	6.1	..	..	..	..	..
<i>Total post-basic nursing</i>	<i>5.2</i>	<i>5.9</i>	<i>5.8</i>	<i>4.6</i>	<i>3.8</i>	<i>4.9</i>	<i>6.7</i>	<i>6.3</i>	<i>11.0</i>
<b>Total</b>	<b>2.8</b>	<b>3.1</b>	<b>3.1</b>	<b>4.1</b>	<b>3.7</b>	<b>3.9</b>	<b>5.0</b>	<b>4.4</b>	<b>6.9</b>

(a) Includes 82 students enrolled in a postgraduate qualifying or postgraduate diploma course in 1989 and 59 students in 1990.

(b) Includes New Zealand citizens, who were included with Australian permanent resident students data for 1997.

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



**Table 60: Nursing course completions: type and level of course and residency, Australia, 1989–96**

Type/level of course	1989	1990	1991	1992	1993	1994	1995	1996 <sup>(a)</sup>
<b>Australian permanent resident students</b>								
<b>Basic nursing</b>								
Bachelor (pass/honours)	0	16	203	2,528	5,461	6,588	6,073	5,814
Diploma	3,036	3,760	4,254	2,673	1,165	180	46	7
<i>Total basic nursing</i>	<i>3,036</i>	<i>3,776</i>	<i>4,457</i>	<i>5,201</i>	<i>6,626</i>	<i>6,768</i>	<i>6,119</i>	<i>5,821</i>
<i>% female</i>	<i>88.4</i>	<i>87.6</i>	<i>88.3</i>	<i>88.5</i>	<i>88.4</i>	<i>87.9</i>	<i>87.6</i>	<i>88.0</i>
<b>Post-basic nursing</b>								
PhD/Masters/higher doctorate	2	14	42	51	113	131	154	187
Postgraduate qualifying	0	0	13	1	0	0	0	0
Postgraduate diploma	62	177	289	359	584	921	1,025	1,458
Bachelor (postgraduate)	0	0	67	0	149	103	100	75
Bachelor (pass/honours)	1,048	1,164	1,745	3,007	2,835	2,693	2,815	2,215
Graduate certificate	0	0	23	56	157	149	201	334
Diploma/associate diploma	392	81	18	8	0	0	0	0
<i>Total post-basic nursing</i>	<i>1,504</i>	<i>1,436</i>	<i>2,197</i>	<i>3,482</i>	<i>3,838</i>	<i>3,997</i>	<i>4,295</i>	<i>4,269</i>
<i>% female</i>	<i>88.2</i>	<i>87.7</i>	<i>88.2</i>	<i>90.4</i>	<i>91.2</i>	<i>91.8</i>	<i>91.8</i>	<i>91.9</i>
<b>Total</b>	<b>4,540</b>	<b>5,212</b>	<b>6,654</b>	<b>8,683</b>	<b>10,464</b>	<b>10,765</b>	<b>10,414</b>	<b>10,090</b>
<b>% female</b>	<b>88.3</b>	<b>87.6</b>	<b>88.3</b>	<b>89.3</b>	<b>89.4</b>	<b>89.4</b>	<b>89.3</b>	<b>89.7</b>
<b>Overseas students</b>								
<b>Basic nursing</b>								
Bachelor (pass/honours)	0	0	2	324	488	508	363	219
Diploma	78	53	68	91	22	3	3	0
<i>Total basic nursing</i>	<i>78</i>	<i>53</i>	<i>70</i>	<i>415</i>	<i>510</i>	<i>511</i>	<i>366</i>	<i>219</i>
<i>% female</i>	<i>93.6</i>	<i>81.1</i>	<i>84.3</i>	<i>84.6</i>	<i>88.4</i>	<i>87.7</i>	<i>88.8</i>	<i>92.7</i>
<b>Post-basic nursing</b>								
PhD/Masters/higher doctorate	4	2	4	2	6	14	15	26
Postgraduate qualifying	0	0	0	0	0	0	0	0
Postgraduate diploma	4	12	14	8	20	34	62	24
Bachelor (postgraduate)	0	0	1	0	34	14	15	20
Bachelor (pass/honours)	76	153	215	246	192	242	284	373
Graduate certificate	0	0	0	1	2	1	1	1
Diploma/associate diploma	14	62	69	0	0	0	0	0
<i>Total post-basic nursing</i>	<i>98</i>	<i>229</i>	<i>303</i>	<i>257</i>	<i>254</i>	<i>305</i>	<i>377</i>	<i>444</i>
<i>% female</i>	<i>90.8</i>	<i>92.1</i>	<i>94.1</i>	<i>93.0</i>	<i>89.0</i>	<i>93.4</i>	<i>93.1</i>	<i>95.3</i>
<b>Total</b>	<b>176</b>	<b>282</b>	<b>373</b>	<b>672</b>	<b>764</b>	<b>816</b>	<b>743</b>	<b>663</b>
<b>% female</b>	<b>92.0</b>	<b>90.1</b>	<b>92.2</b>	<b>87.8</b>	<b>88.6</b>	<b>89.8</b>	<b>91.0</b>	<b>94.4</b>
<b>(overseas students as a percentage of all students)</b>								
<b>Basic nursing</b>								
Bachelor (pass/honours)	..	0.0	1.0	11.4	8.2	7.2	5.6	3.6
Diploma	2.5	1.4	1.6	3.3	1.9	1.6	6.1	0.0
<i>Total basic nursing</i>	<i>2.5</i>	<i>1.4</i>	<i>1.5</i>	<i>7.4</i>	<i>7.1</i>	<i>7.0</i>	<i>5.6</i>	<i>3.6</i>
<b>Post-basic nursing</b>								
PhD/Masters/higher doctorate	66.7	12.5	8.7	3.8	5.0	9.7	8.9	12.2
Postgraduate qualifying	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Postgraduate diploma	6.1	6.3	4.6	2.2	3.3	3.6	5.7	1.6
Bachelor (postgraduate)	..	..	1.5	..	18.6	12.0	13.0	21.1
Bachelor (pass/honours)	6.8	11.6	11.0	7.6	6.3	8.2	9.2	14.4
Graduate certificate	..	..	0.0	1.8	1.3	0.7	0.5	0.3
Diploma/associate diploma	3.4	43.4	79.3	0.0	..	..	..	..
<i>Total post-basic nursing</i>	<i>6.1</i>	<i>13.8</i>	<i>12.1</i>	<i>6.9</i>	<i>6.2</i>	<i>7.1</i>	<i>8.1</i>	<i>9.4</i>
<b>Total</b>	<b>3.7</b>	<b>5.1</b>	<b>5.3</b>	<b>7.2</b>	<b>6.8</b>	<b>7.0</b>	<b>6.7</b>	<b>6.2</b>

(a) Includes New Zealand citizens, which were included with Australian permanent resident students data for 1996.

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

**Table 61: Australian permanent resident nursing course completions: country of birth and year of completion, 1989-95**

Country of birth	1989	1990	1991	1992	1993	1994	1995	1996(a)
Australia	2,283	3,598	4,775	6,950	8,623	8,769	8,660	8,079
New Zealand	29	28	37	44	77	87	89	258
Papua New Guinea	7	12	15	34	30	29	41	28
Other Oceania	6	14	12	19	29	22	34	36
United Kingdom/Ireland	176	301	335	585	692	620	656	699
Germany	10	22	11	29	41	41	27	24
Netherlands	8	13	13	31	34	24	31	39
Other Europe	38	56	76	138	131	134	152	129
Hong Kong	13	16	22	59	85	76	98	107
India	18	18	16	14	26	20	41	31
Malaysia	23	42	53	68	97	100	109	86
Singapore	9	10	16	13	20	27	17	23
Vietnam	8	11	14	18	27	28	32	43
Philippines	4	19	28	48	60	71	67	87
Other Asia	26	28	32	51	65	71	100	98
South Africa	5	15	21	38	42	40	42	51
Other Africa/Middle East	14	38	29	60	69	61	58	92
Canada	12	14	15	25	25	23	34	29
United States	9	9	12	15	28	20	29	19
Chile	7	9	14	25	28	16	16	26
Other America	10	15	15	14	25	21	35	38
Not stated	1,825	924	1,093	405	210	465	46	68
<b>Total</b>	<b>4,540</b>	<b>5,212</b>	<b>6,654</b>	<b>8,683</b>	<b>10,464</b>	<b>10,765</b>	<b>10,414</b>	<b>10,090</b>
	<b>(per cent)</b>							
Australia	50.3	69.0	71.8	80.0	82.4	81.5	83.2	80.1
New Zealand	0.6	0.5	0.6	0.5	0.7	0.8	0.9	2.6
Papua New Guinea	0.2	0.2	0.2	0.4	0.3	0.3	0.4	0.3
Other Oceania	0.1	0.3	0.2	0.2	0.3	0.2	0.3	0.4
United Kingdom/Ireland	3.9	5.8	5.0	6.7	6.6	5.8	6.3	6.9
Germany	0.2	0.4	0.2	0.3	0.4	0.4	0.3	0.2
Netherlands	0.2	0.2	0.2	0.4	0.3	0.2	0.3	0.4
Other Europe	0.8	1.1	1.1	1.6	1.3	1.2	1.5	1.3
Hong Kong	0.3	0.3	0.3	0.7	0.8	0.7	0.9	1.1
India	0.4	0.3	0.2	0.2	0.2	0.2	0.4	0.3
Malaysia	0.5	0.8	0.8	0.8	0.9	0.9	1.0	0.9
Singapore	0.2	0.2	0.2	0.1	0.2	0.3	0.2	0.2
Vietnam	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4
Philippines	0.1	0.4	0.4	0.6	0.6	0.7	0.6	0.9
Other Asia	0.6	0.5	0.5	0.6	0.6	0.7	1.0	1.0
South Africa	0.1	0.3	0.3	0.4	0.4	0.4	0.4	0.5
Other Africa/Middle East	0.3	0.7	0.4	0.7	0.7	0.6	0.6	0.9
Canada	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3
United States	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2
Chile	0.2	0.2	0.2	0.3	0.3	0.1	0.2	0.3
Other America	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.4
Not stated	40.2	17.7	16.4	4.7	2.0	4.3	0.4	0.7
<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>

(a) Includes New Zealand citizens, who were included with Australian permanent resident students data for 1996.

Note: Excludes students completing 'other award courses'.

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

**Table 62: Australian citizen or permanent resident students enrolled in nursing courses: source geographic location and sex, States and Territories, 1996**

Geographic location	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
<b>Males</b>									
Capital city	793	605	437	200	359	36	46	11	2,487
Other metropolitan area	205	34	88	..	..	..	..	..	327
Large rural centre	83	114	129	..	12	36	..	..	374
Small rural centre	89	76	19	10	12	11	..	..	217
Other rural area	86	115	59	6	27	16	1	0	310
Remote centre	0	0	4	4	0	0	..	1	9
Other remote area	3	2	6	4	6	0	..	7	28
Not stated	0	4	1	2	0	0	0	0	7
<b>Total</b>	<b>1,259</b>	<b>950</b>	<b>743</b>	<b>226</b>	<b>416</b>	<b>99</b>	<b>47</b>	<b>19</b>	<b>3,759</b>
<b>Females</b>									
Capital city	4,810	5,340	2,666	1,895	2,474	332	310	112	17,939
Other metropolitan area	1,014	353	680	..	..	..	..	..	2,047
Large rural centre	428	593	689	..	61	221	..	..	1,992
Small rural centre	466	482	144	142	80	84	..	..	1,398
Other rural area	624	1,067	501	126	330	157	2	8	2,815
Remote centre	0	0	87	56	0	0	..	27	170
Other remote area	46	9	74	60	24	6	..	58	277
Not stated	7	13	13	15	7	3	0	0	58
<b>Total</b>	<b>7,395</b>	<b>7,857</b>	<b>4,854</b>	<b>2,294</b>	<b>2,976</b>	<b>803</b>	<b>312</b>	<b>205</b>	<b>26,696</b>
<b>All nurses</b>									
Capital city	5,603	5,945	3,103	2,095	2,833	368	356	123	20,426
Other metropolitan area	1,219	387	768	..	..	..	..	..	2,374
Large rural centre	511	707	818	..	73	257	..	..	2,366
Small rural centre	555	558	163	152	92	95	..	..	1,615
Other rural area	710	1,182	560	132	357	173	3	8	3,125
Remote centre	0	0	91	60	0	0	..	28	179
Other remote area	49	11	80	64	30	6	..	65	305
Not stated	7	17	14	17	7	3	0	0	65
<b>Total</b>	<b>8,654</b>	<b>8,807</b>	<b>5,597</b>	<b>2,520</b>	<b>3,392</b>	<b>902</b>	<b>359</b>	<b>224</b>	<b>30,455</b>
<b>(percentage of males)</b>									
Capital city	63.0	64.0	58.9	89.3	86.3	36.4	97.9	57.9	66.3
Other metropolitan area	16.3	3.6	11.9	..	..	..	..	..	8.7
Large rural centre	6.6	12.1	17.4	..	2.9	36.4	..	..	10.0
Small rural centre	7.1	8.0	2.6	4.5	2.9	11.1	..	..	5.8
Other rural area	6.8	12.2	8.0	2.7	6.5	16.2	2.1	0.0	8.3
Remote centre	0.0	0.0	0.5	1.8	0.0	0.0	..	5.3	0.2
Other remote area	0.2	0.2	0.8	1.8	1.4	0.0	..	36.8	0.7
<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>(percentage of females)</b>									
Capital city	65.1	68.1	55.1	83.2	83.3	41.5	99.4	54.6	67.3
Other metropolitan area	13.7	4.5	14.0	..	..	..	..	..	7.7
Large rural centre	5.8	7.6	14.2	..	2.1	27.6	..	..	7.5
Small rural centre	6.3	6.1	3.0	6.2	2.7	10.5	..	..	5.2
Other rural area	8.4	13.6	10.3	5.5	11.1	19.6	0.6	3.9	10.6
Remote centre	0.0	0.0	1.8	2.5	0.0	0.0	..	13.2	0.6
Other remote area	0.6	0.1	1.5	2.6	0.8	0.8	..	28.3	1.0
<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>(percentage of all nurses)</b>									
Capital city	64.8	67.6	55.6	83.7	83.7	40.9	99.2	54.9	67.2
Other metropolitan area	14.1	4.4	13.8	..	..	..	..	..	7.8
Large rural centre	5.9	8.0	14.7	..	2.2	28.6	..	..	7.8
Small rural centre	6.4	6.3	2.9	6.1	2.7	10.6	..	..	5.3
Other rural area	8.2	13.4	10.0	5.3	10.5	19.2	0.8	3.6	10.3
Remote centre	0.0	0.0	1.6	2.4	0.0	0.0	..	12.5	0.6
Other remote area	0.6	0.1	1.4	2.6	0.9	0.7	..	29.0	1.0
<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>

Note: Excludes 557 students for whom State or Territory and geographic location could not be determined.

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