

4 Education and migration

Education

Statistics on students who commenced, enrolled in or completed courses in nursing were produced by AIHW from data provided by the Department of Education, Training and Youth Affairs (DETYA). The features of these data include:

- 31,063 students were enrolled in nursing courses in 1998 – 21,542 (69.3%) in basic nursing and 9,521 (30.7%) in post-basic nursing courses. This represented a 13% decline from the peak enrolment of 35,692 in 1993.
- There is concern from some State health authorities that shortages in specialist fields of nursing practice are being exacerbated by the costs of course fees and time out of the workforce to undertake post-basic training. Between 1994 and 1997, the number of Australian permanent resident nurses completing postgraduate diplomas in nursing increased by 76.1% from 921 to 1,622. However, there were 1,725 persons in 1998 commencing postgraduate diplomas in nursing, a decline from 2,075 in 1997 and 2,058 in 1996.
- There is also concern that the overall nurse workforce in the future may be under-supplied because of a significant rise in mature-age students commencing undergraduate nurse training. There has been a major change in the age profile of persons commencing undergraduate nurse training, with a large increase in mature-age students. By 1998, the average age of students commencing pre-registration bachelor degrees had risen to 24.5 years, from 21.8 years only 5 years earlier. In 1998, students aged 30–39 represented 17.4% of the intake and a further 9.5% were aged 40 years or more. Only 38.1% were traditional school leavers aged less than 19 years (source: unpublished AIHW analysis of DETYA data).
- 95.1% of students enrolled in basic nursing courses in 1998 were Australian citizen or permanent resident students, 86.3% of whom were female.
- 13,667 students commenced nursing courses in 1998 – 44.0% of enrolments. Of these, 8,411 (61.5%) commenced basic nursing and 5,256 (38.5%) commenced post-basic nursing courses.
- 93.4% of students commencing basic nursing courses in 1998 were Australian citizens or permanent resident students – 86.3% of these were female.
- Of post-basic nursing students enrolled in bachelor (pass and honours) courses in 1998, 34.8% were from overseas. Of those commencing such courses, 46.4% were overseas students.
- 10,655 students completed nursing courses at Australian universities in 1997 – 5,976 (56.0%) completed basic and 4,679 (44.0%) post-basic nursing courses.
- 89.1% of students completing basic nursing courses were Australian citizen or permanent resident students, 87.4% of whom were female.
- Of the 9,356 Australian permanent resident students in 1997 who completed nursing courses, 81.5% were born in Australia, 17.2% were born overseas, and the remaining 1.3% were unable to be classified. Of the 1,607 students born overseas, 38.7% were from the United Kingdom and Ireland.

- The home location of 60.3% of Australian citizen or permanent resident students enrolled in nursing courses was a capital city; 8.5% other metropolitan areas; 26.5% rural areas; and 2.3% from remote areas. This was similar to the distribution for the population as a whole.

Migration

International migration statistics in this publication were produced by AIHW from data provided by the Department of Immigration and Multicultural Affairs. In 1997–98, migration flows included:

- 994 nurses who were residents of foreign countries permanently migrated to Australia and a further 1,878 nurses who were Australian residents returned after a long-term (12 months or more) overseas stay. Also, 651 Australian nurses permanently migrated from Australia and a further 666 nurses who had been residing in Australia for 12 months or more departed.
- 496 nurses who were citizens of foreign countries arrived in Australia temporarily to take up employment. Of these, 276 migrated for a long-term stay, and 220 for a short-term stay. Of the 496, 62% previously resided in the United Kingdom/Ireland, and 27% in New Zealand. In addition, 815 Australian resident nurses left Australia for a long-term stay for employment overseas. Of these, 345 (42%) went to work in the United Kingdom/Ireland, 162 (20%) to the Middle East and 71 (9%) to the United States or Canada.
- 189 nurses arrived in Australia for a short or long-term stay for education purposes. Of these, 102 (54%) previously resided in Asia. Fifty Australian resident nurses departed for long-term study overseas, 24 (48%) of these going to the United Kingdom/Ireland.

The Australian Nursing Council Incorporated is responsible for assessing, for migration purposes, the qualifications of nurses educated overseas. In 1997–98, there were 570 overseas-qualified nurse applicants assessed as eligible to practise nursing in Australia. Of these, 350 (61.4%) were from the United Kingdom/Ireland, a large decline from 613 (74.8%) in 1995–96.

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.

Table 11: Australian permanent resident nursing course completions: country of birth and year of completion, 1990 to 1997

Country of birth	1990	1991	1992	1993	1994	1995	1996 ^(a)	1997
Australia	3,598	4,775	6,950	8,623	8,769	8,660	8,079	7,624
New Zealand	28	37	44	77	87	89	258	107
Papua New Guinea	12	15	34	30	29	41	28	28
Other Oceania	14	12	19	29	22	34	36	28
UK and Ireland	301	335	585	692	620	656	699	622
West Germany	22	11	29	41	41	27	24	29
Netherlands	13	13	31	34	24	31	39	23
Other Europe	56	76	138	131	134	152	129	136
Hong Kong	16	22	59	85	76	98	107	74
India	18	16	14	26	20	41	31	24
Malaysia	42	53	68	97	100	109	86	82
Singapore	10	16	13	20	27	17	23	20
Vietnam	11	14	18	27	28	32	43	46
Philippines	19	28	48	60	71	67	87	75
Other Asia/Middle East	28	32	51	65	71	100	98	122
South Africa	15	21	38	42	40	42	51	44
Other Africa	38	29	60	69	61	58	92	45
Canada	14	15	25	25	23	34	29	30
USA	9	12	15	28	20	29	19	31
Chile	9	14	25	28	16	16	26	17
Other America	15	15	14	25	21	35	38	24
Not stated	924	1,093	405	210	465	46	68	125
Total	5,212	6,654	8,683	10,464	10,765	10,414	10,090	9,356

(per cent)

Australia	69.0	71.8	80.0	82.4	81.5	83.2	80.1	81.5
New Zealand	0.5	0.6	0.5	0.7	0.8	0.9	2.6	1.1
Papua New Guinea	0.2	0.2	0.4	0.3	0.3	0.4	0.3	0.3
Other Oceania	0.3	0.2	0.2	0.3	0.2	0.3	0.4	0.3
UK and Ireland	5.8	5.0	6.7	6.6	5.8	6.3	6.9	6.6
West Germany	0.4	0.2	0.3	0.4	0.4	0.3	0.2	0.3
Netherlands	0.2	0.2	0.4	0.3	0.2	0.3	0.4	0.2
Other Europe	1.1	1.1	1.6	1.3	1.2	1.5	1.3	1.5
Hong Kong	0.3	0.3	0.7	0.8	0.7	0.9	1.1	0.8
India	0.3	0.2	0.2	0.2	0.2	0.4	0.3	0.3
Malaysia	0.8	0.8	0.8	0.9	0.9	1.0	0.9	0.9
Singapore	0.2	0.2	0.1	0.2	0.3	0.2	0.2	0.2
Vietnam	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.5
Philippines	0.4	0.4	0.6	0.6	0.7	0.6	0.9	0.8
Other Asia/Middle East	0.5	0.5	0.6	0.6	0.7	1.0	1.0	1.3
South Africa	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5
Other Africa	0.7	0.4	0.7	0.7	0.6	0.6	0.9	0.5
Canada	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3
USA	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.3
Chile	0.2	0.2	0.3	0.3	0.1	0.2	0.3	0.2
Other America	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.3
Not stated	17.7	16.4	4.7	2.0	4.3	0.4	0.7	1.3
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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

Note: Excludes students completing 'other award courses'.

Source: AIHW from DETYA data.

Table 12: Nursing course commencements: type and level of course, residency and year of commencement, Australia, 1989 to 1998

Type/level of course	1989	1990	1991	1992	1993	1994	1995	1996	1997 ^(a)	1998
Australian citizens and permanent resident students										
Basic nursing										
Bachelor (pass/honours)	122	184	801	8,748	8,407	8,264	8,135	7,778	7,546	7,819
Diploma/Other	6,625	7,656	8,546	347	121	13	11	3	6	39
<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>7,858</i>
Per cent female	85.8	87.3	85.6	85.4	85.2	86.0	84.9	85.2	85.9	86.3
Post-basic nursing										
PhD/Masters/higher doctorate	87	135	261	292	434	458	637	702	872	841
Postgraduate qualifying	—	12	43	12	14	3	—	3	—	—
Postgraduate diploma	126	354	501	692	1,034	1,397	1,843	2,058	2,075	1,725
Bachelor (postgraduate)	—	—	98	—	—	115	108	50	19	72
Bachelor (pass/honours)	2,014	2,969	3,125	3,347	3,441	2,703	2,623	2,092	1,277	1,033
Graduate certificate	—	—	46	87	233	225	301	446	337	474
Diploma/associate diploma	608	114	12	7	—	—	—	—	—	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>4,145</i>
Per cent female	88.8	88.9	89.4	89.4	91.3	91.8	90.1	90.2	89.8	89.9
Total	9,582	11,424	13,433	13,532	13,684	13,178	13,658	13,132	12,132	12,003
Per cent female	86.7	87.8	86.8	86.7	87.5	88.1	87.0	87.3	87.4	87.6
Overseas students										
Basic nursing										
Bachelor (pass/honours)	2	6	28	567	425	512	490	444	679	552
Diploma/Other	163	173	194	19	13	—	—	—	—	1
<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>553</i>
Per cent female	83.6	92.2	86.0	87.4	87.9	87.3	89.4	91.0	93.1	89.9
Post-basic nursing										
PhD/Masters/higher doctorate	5	3	14	18	31	38	36	37	90	140
Postgraduate qualifying	—	—	1	—	2	—	—	—	—	—
Postgraduate diploma	5	10	18	28	33	47	63	34	44	61
Bachelor (postgraduate)	—	—	2	—	—	17	3	14	4	2
Bachelor (pass/honours)	170	206	267	214	208	215	349	377	571	896
Graduate certificate	—	—	1	2	3	3	5	11	26	12
Diploma/associate diploma	25	28	29	—	—	—	—	—	—	—
<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>1,111</i>
Per cent female	88.8	90.7	91.9	90.1	93.1	92.2	91.7	94.9	93.3	90.4
Total	370	426	554	848	715	832	946	917	1,414	1,664
Per cent female	86.5	91.3	89.5	88.2	89.9	89.2	90.5	93.0	93.2	88.0
(overseas students as a percentage of all students)										
Basic nursing										
Bachelor (pass/honours)	1.6	3.2	3.4	6.1	4.8	5.8	5.7	5.4	8.3	6.6
Diploma/Other	2.4	2.2	2.2	5.2	9.7	—	—	—	—	—
<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>	<i>6.6</i>
Post-basic nursing										
PhD/Masters/higher doctorate	5.4	2.2	5.1	5.8	6.7	7.7	5.3	5.0	9.4	14.3
Postgraduate qualifying	—	—	2.3	—	12.5	—	—	—	—	—
Postgraduate diploma	3.8	2.7	3.5	3.9	3.1	3.3	3.3	1.6	2.1	3.4
Bachelor (postgraduate)	—	—	2.0	—	—	12.9	2.7	21.9	17.4	2.7
Bachelor (pass/honours)	7.8	6.5	7.9	6.0	5.7	7.4	11.7	15.3	30.9	46.4
Graduate certificate	—	—	2.1	2.2	1.3	1.3	1.6	2.4	7.2	2.5
Diploma/associate diploma	3.9	19.7	70.7	—	—	—	—	—	—	—
<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>	<i>21.1</i>
Total	3.7	3.6	4.0	5.9	5.0	5.9	6.5	6.5	10.4	12.2

(a) Includes New Zealand citizens, which were included with Australian permanent resident students data for 1997 by DETYA. Numbers, however, are now small because New Zealand citizens are required to pay HECS fees up front at Australian universities.

Source: AIHW from DETYA data.

Table 13: Nursing course enrolments: type and level of course, residency and year of enrolment, Australia, 1989 to 1998

Type/level of course	1989	1990	1991	1992	1993	1994	1995	1996	1997 ^(a)	1998
Australian permanent resident students										
Basic nursing										
Bachelor (pass/honours)	319	347	1,261	15,152	21,615	23,373	22,144	21,058	20,366	20,441
Diploma/other	15,334	17,944	20,405	8,227	2,319	256	66	10	12	41
<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>20,482</i>
Per cent female	86.2	86.9	86.7	86.5	86.1	86.5	86.3	86.0	86.0	86.3
Post-basic nursing										
PhD/Masters/higher doctorate	146	265	472	603	821	954	1,217	1,374	1,669	1,660
Postgraduate qualifying	—	12	62	17	19	5	—	3	—	—
Postgraduate diploma	189	463	753	1,073	1,511	2,088	2,641	3,245	3,226	2,847
Bachelor (postgraduate)	—	—	348	—	—	189	192	128	60	83
Bachelor (pass/honours)	3,963	5,635	6,803	7,753	7,819	5,486	5,157	4,701	3,446	2,670
Graduate certificate	—	—	46	106	251	272	321	493	401	517
Diploma/associate diploma	1,007	330	17	31	—	—	—	—	—	—
<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>7,777</i>
Per cent female	87.1	88.6	89.2	89.9	90.8	91.7	90.8	91.2	90.8	90.6
Total	20,958	24,996	30,167	32,962	34,355	32,623	31,738	31,012	29,180	28,259
Per cent female	86.4	87.3	87.4	87.5	87.5	88.0	87.6	87.6	87.5	87.5
Overseas students										
Basic nursing										
Bachelor (pass/honours)	5	7	40	789	852	842	995	766	1,084	1,060
Diploma/other	302	365	413	169	70	10	2	—	—	1
<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>1,060</i>
Per cent female	85.3	87.6	86.5	86.7	88.2	87.7	87.7	88.5	90.9	86.6
Post-basic nursing										
PhD/Masters/higher doctorate	13	7	18	32	47	67	82	68	121	227
Postgraduate qualifying	—	—	1	—	2	—	—	—	—	—
Postgraduate diploma	6	12	23	31	44	60	81	34	47	75
Bachelor (postgraduate)	—	—	7	—	—	20	5	14	4	2
Bachelor (pass/honours)	244	371	440	397	317	316	508	547	888	1,427
Graduate certificate	—	—	1	3	5	4	5	11	26	13
Diploma/associate diploma	28	31	30	2	—	—	—	—	—	—
<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>1,744</i>
Per cent female	90.7	91.0	92.5	89.2	90.8	92.7	92.8	95.4	93.0	90.9
Total	598	793	973	1,423	1,337	1,319	1,678	1,440	2,170	2,804
Per cent female	88.0	89.4	89.7	87.6	89.0	89.5	89.7	91.7	91.9	87.9
(overseas students as a percentage of all students)										
Basic nursing										
Bachelor (pass/honours)	1.5	2.0	3.1	4.9	3.8	3.5	4.3	3.5	5.1	4.9
Diploma/other	1.9	2.0	2.0	2.0	2.9	3.8	2.9	—	—	—
<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>	<i>4.9</i>
Post-basic nursing										
PhD/Masters/higher doctorate	8.2	2.6	3.7	5.0	5.4	6.6	6.3	4.7	6.8	12.0
Postgraduate qualifying	—	—	1.6	—	9.5	—	—	—	—	—
Postgraduate diploma	3.1	2.5	3.0	2.8	2.8	2.8	3.0	1.0	1.4	2.6
Bachelor (postgraduate)	—	—	2.0	—	—	9.6	2.5	9.9	6.3	2.4
Bachelor (pass/honours)	5.8	6.2	6.1	4.9	3.9	5.4	9.0	10.4	20.5	34.8
Graduate certificate	—	—	2.1	2.8	2.0	1.4	1.5	2.2	6.1	2.5
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>	<i>18.3</i>
Total	2.8	3.1	3.1	4.1	3.7	3.9	5.0	4.4	6.9	9.0

(a) Includes New Zealand citizens, which were included with Australian permanent resident students data for 1997 by DETYA. Numbers, however, are now small because New Zealand citizens are required to pay HECS fees up front at Australian universities.

Source: AIHW from DETYA data.

Table 14: Nursing course completions: type and level of course, residency and year of completion, Australia, 1989 to 1997

Type/level of course	1989	1990	1991	1992	1993	1994	1995	1996 ^(a)	1997
Australian permanent resident students									
Basic nursing									
Bachelor (pass/honours)	—	16	203	2,528	5,461	6,588	6,073	5,814	5,284
Diploma/Other	3,036	3,760	4,254	2,673	1,165	180	46	7	39
<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>5,323</i>
Per cent female	88.4	87.6	88.3	88.5	88.4	87.9	87.6	88.0	87.4
Post-basic nursing									
PhD/Masters/higher doctorate	2	14	42	51	113	131	154	187	298
Postgraduate qualifying	—	—	13	1	—	—	—	—	—
Postgraduate diploma	62	177	289	359	584	921	1,025	1,458	1,622
Bachelor (postgraduate)	—	—	67	—	149	103	100	75	38
Bachelor (pass/honours)	1,048	1,164	1,745	3,007	2,835	2,693	2,815	2,215	1,751
Graduate certificate	—	—	23	56	157	149	201	334	324
Diploma/associate diploma	392	81	18	8	—	—	—	—	—
<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>4,033</i>
Per cent female	88.2	87.7	88.2	90.4	91.2	91.8	91.8	91.9	92.1
Total	4,540	5,212	6,654	8,683	10,464	10,765	10,414	10,090	9,356
Per cent female	88.3	87.6	88.3	89.3	89.4	89.4	89.3	89.7	89.4
Overseas students									
Basic nursing									
Bachelor (pass/honours)	—	—	2	324	488	508	363	219	652
Diploma/Other	78	53	68	91	22	3	3	—	1
<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>653</i>
Per cent female	93.6	81.1	84.3	84.6	88.4	87.7	88.8	92.7	91.1
Post-basic nursing									
PhD/Masters/higher doctorate	4	2	4	2	6	14	15	26	53
Postgraduate diploma	4	12	14	8	20	34	62	24	48
Bachelor (postgraduate)	—	—	1	—	34	14	15	20	6
Bachelor (pass/honours)	76	153	215	246	192	242	284	373	515
Graduate certificate	—	—	—	1	2	1	1	1	24
Diploma/associate diploma	14	62	69	—	—	—	—	—	—
<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>646</i>
Per cent female	90.8	92.1	94.1	93.0	89.0	93.4	93.1	95.3	94.1
Total	176	282	373	672	764	816	743	663	1,299
Per cent female	92.0	90.1	92.2	87.8	88.6	89.8	91.0	94.4	92.6
(overseas students as a percentage of all students)									
Basic nursing									
Bachelor (pass/honours)	..	..	1.0	11.4	8.2	7.2	5.6	3.6	11.0
Diploma/Other	2.5	1.4	1.6	3.3	1.9	1.6	6.1	..	2.5
<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>	<i>10.9</i>
Post-basic nursing									
PhD/Masters/higher doctorate	66.7	12.5	8.7	3.8	5.0	9.7	8.9	12.2	15.1
Postgraduate diploma	6.1	6.3	4.6	2.2	3.3	3.6	5.7	1.6	2.9
Bachelor (postgraduate)	..	..	1.5	..	18.6	12.0	13.0	21.1	13.6
Bachelor (pass/honours)	6.8	11.6	11.0	7.6	6.3	8.2	9.2	14.4	22.7
Graduate certificate	..	..	..	1.8	1.3	0.7	0.5	0.3	6.9
Diploma/associate diploma	3.4	43.4	79.3	..	..	..	..	..	..
<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>	<i>13.8</i>
Total	3.7	5.1	5.3	7.2	6.8	7.0	6.7	6.2	12.2

(a) Includes New Zealand citizens, which were included with Australian permanent resident students data for 1996 by DETYA. Numbers, however, are now small because New Zealand citizens are required to pay HECS fees up front at Australian universities.

Source: AIHW from DETYA data.

Table 15: Australian permanent resident students completing nursing courses: country of birth by year of completion, 1990 to 1997

Country of birth	1990	1991	1992	1993	1994	1995	1996 ^(a)	1997 ^(a)
	(number)							
Australia	3,598	4,775	6,950	8,623	8,769	8,660	8,079	7,624
New Zealand	28	37	44	77	87	89	258	107
Papua New Guinea	12	15	34	30	29	41	28	28
Other Oceania	14	12	19	29	22	34	36	28
UK and Ireland	301	335	585	692	620	656	699	622
West Germany	22	11	29	41	41	27	24	29
Netherlands	13	13	31	34	24	31	39	23
Other Europe	56	76	138	131	134	152	129	136
Hong Kong	16	22	59	85	76	98	107	74
India	18	16	14	26	20	41	31	24
Malaysia	42	53	68	97	100	109	86	82
Singapore	10	16	13	20	27	17	23	20
Vietnam	11	14	18	27	28	32	43	46
Philippines	19	28	48	60	71	67	87	75
Other Asia/Middle East	28	32	51	65	71	100	98	122
South Africa	15	21	38	42	40	42	51	44
Other Africa	38	29	60	69	61	58	92	45
Canada	14	15	25	25	23	34	29	30
USA	9	12	15	28	20	29	19	31
Chile	9	14	25	28	16	16	26	17
Other America	15	15	14	25	21	35	38	24
Not stated	924	1,093	405	210	465	46	68	125
Total	5,212	6,654	8,683	10,464	10,765	10,414	10,090	9,356
	(per cent)							
Australia	69.0	71.8	80.0	82.4	81.5	83.2	80.1	81.5
New Zealand	0.5	0.6	0.5	0.7	0.8	0.9	2.6	1.1
Papua New Guinea	0.2	0.2	0.4	0.3	0.3	0.4	0.3	0.3
Other Oceania	0.3	0.2	0.2	0.3	0.2	0.3	0.4	0.3
UK and Ireland	5.8	5.0	6.7	6.6	5.8	6.3	6.9	6.6
Germany	0.4	0.2	0.3	0.4	0.4	0.3	0.2	0.3
Netherlands	0.2	0.2	0.4	0.3	0.2	0.3	0.4	0.2
Other Europe	1.1	1.1	1.6	1.3	1.2	1.5	1.3	1.5
Hong Kong	0.3	0.3	0.7	0.8	0.7	0.9	1.1	0.8
India	0.3	0.2	0.2	0.2	0.2	0.4	0.3	0.3
Malaysia	0.8	0.8	0.8	0.9	0.9	1.0	0.9	0.9
Singapore	0.2	0.2	0.1	0.2	0.3	0.2	0.2	0.2
Vietnam	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.5
Philippines	0.4	0.4	0.6	0.6	0.7	0.6	0.9	0.8
Other Asia/Middle East	0.5	0.5	0.6	0.6	0.7	1.0	1.0	1.3
South Africa	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5
Other Africa	0.7	0.4	0.7	0.7	0.6	0.6	0.9	0.5
Canada	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.3
USA	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.3
Chile	0.2	0.2	0.3	0.3	0.1	0.2	0.3	0.2
Other America	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.3
Not stated	17.7	16.4	4.7	2.0	4.3	0.4	0.7	1.3
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Includes New Zealand citizens, which were included with Australian permanent resident students data for 1996 by DETYA. Numbers, however, are now small because New Zealand citizens are required to pay HECS fees up front at Australian universities.

Source: AIHW from DETYA data.

Table 16: Australian permanent resident students commencing nursing courses: geographic location of home residence, sex, States and Territories, 1998

Geographic location	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Males									
Capital city	233	125	134	50	62	9	20	6	639
Other metropolitan area	59	13	43	—	—	—	—	—	115
Large rural centre	25	28	48	—	2	14	—	—	117
Small rural centre	31	13	10	—	—	4	—	—	58
Other rural area	33	34	31	1	5	4	—	—	108
Remote centre	—	—	6	—	—	—	—	—	6
Other remote area	1	—	5	—	1	—	—	1	8
Not stated	—	—	21	1	—	—	—	—	24
Total	382	213	298	52	70	31	20	7	1,075
Females									
Capital city	1,270	1,088	685	452	430	56	87	32	4,100
Other metropolitan area	311	69	174	—	—	—	1	—	555
Large rural centre	170	123	273	—	9	47	—	—	622
Small rural centre	163	95	38	38	24	9	—	—	367
Other rural area	246	266	166	21	72	37	—	1	809
Remote centre	—	—	64	22	—	—	—	3	89
Other remote area	21	1	34	10	5	—	—	5	76
Not stated	3	3	133	10	—	—	—	1	165
Total	2,184	1,645	1,567	553	540	149	88	42	6,783
Persons									
Capital city	1,503	1,213	819	502	492	65	107	38	4,739
Other metropolitan area	370	82	217	—	—	—	1	—	670
Large rural centre	195	151	321	—	11	61	—	—	739
Small rural centre	194	108	48	38	24	13	—	—	425
Other rural area	279	300	197	22	77	41	—	1	917
Remote centre	—	—	70	22	—	—	—	3	95
Other remote area	22	1	39	10	6	—	—	6	84
Not stated	3	3	154	11	—	—	—	1	189
Total	2,566	1,858	1,865	605	610	180	108	49	7,858
Percentage of student nurses									
Capital city	58.6	65.3	43.9	83.0	80.7	36.1	99.1	77.6	60.3
Other metropolitan area	14.4	4.4	11.6	—	—	—	0.9	—	8.5
Large rural centre	7.6	8.1	17.2	—	1.8	33.9	—	—	9.4
Small rural centre	7.6	5.8	2.6	6.3	3.9	7.2	—	—	5.4
Other rural area	10.9	16.1	10.6	3.6	12.6	22.8	—	2.0	11.7
Remote centre	—	—	3.8	3.6	—	—	—	6.1	1.2
Other remote area	0.9	0.1	2.1	1.7	1.0	—	—	12.2	1.1
Not stated	0.1	0.2	8.3	1.8	—	—	—	2.0	2.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Note: Excludes 49 students for whom State/Territory was not stated.

Source: AIHW, from DETYA data.

Table 17: Persons with overseas nursing qualifications assessed as eligible to practise in Australia: country of qualification, 1992–93 to 1997–98

Country	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98
New Zealand	18	6	3	9	7	n.a.
Other Oceania	—	—	—	1	4	n.a.
Hong Kong	86	35	4	22	80	41
Philippines	6	3	1	6	9	6
Other Asia	8	8	2	7	19	n.a.
South Africa	13	24	16	88	89	97
Other Africa/Middle East	4	1	1	1	6	n.a.
UK/Ireland	493	545	318	613	457	350
Other Europe	4	1	2	10	26	n.a.
USA/Canada	36	50	16	62	43	37
Other	—	—	—	—	—	25
Total	668	673	363	819	740	570
			(per cent)			
New Zealand	2.7	0.9	0.8	1.1	0.9	n.a.
Other Oceania	—	—	—	0.1	0.5	n.a.
Hong Kong	12.9	5.2	1.1	2.7	10.8	7.2
Philippines	0.9	0.4	0.3	0.7	1.2	1.1
Other Asia	1.2	1.2	0.6	0.9	2.6	n.a.
South Africa	1.9	3.6	4.4	10.7	12.0	17.0
Other Africa/Middle East	0.6	0.1	0.3	0.1	0.8	n.a.
UK/Ireland	73.8	81.0	87.6	74.8	61.8	61.4
Other Europe	0.6	0.1	0.6	1.2	3.5	n.a.
USA/Canada	5.4	7.4	4.4	7.6	5.8	6.5
Other	—	—	—	—	—	4.4
Total	100.0	100.0	100.0	100.0	100.0	100.0

Source: ANCI Annual Reports, 1992–93 to 1997–98.

Table 18: Permanent migration of nurses to and from Australia, 1993–94 to 1997–98

Category/country	1993–94	1994–95	1995–96	1996–97	1997–98
Permanent migration of overseas residents to Australia					
Country of previous residence					
New Zealand	147	170	210	230	245
Other Oceania	18	5	17	19	1
UK/Ireland	325	396	364	287	328
Other Europe	101	114	102	73	75
Middle East	10	32	31	35	35
Africa	20	28	45	42	58
Hong Kong	65	158	88	46	54
China	22	13	151	70	25
Philippines	39	38	33	38	47
Other Asia	59	73	66	57	56
USA/Canada	37	50	54	55	55
Other countries	4	4	5	3	15
<i>Total</i>	<i>847</i>	<i>1,081</i>	<i>1,166</i>	<i>955</i>	<i>994</i>
Migration from Australia of Australian residents permanently departing					
Country of future residence					
New Zealand	236	207	207	207	183
Other Oceania	9	5	5	12	3
UK/Ireland	225	195	225	241	273
Other Europe	33	42	43	38	32
Middle East	16	16	24	25	17
Asia	43	35	49	52	41
USA/Canada	79	85	76	71	84
Other countries	25	6	4	5	18
<i>Total</i>	<i>666</i>	<i>591</i>	<i>633</i>	<i>651</i>	<i>651</i>

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

Source: AIHW from DIMA data.

Table 19: Temporary migration of nurses to and from Australia for employment, 1993–94 to 1997–98

Category/country	1993–94	1994–95	1995–96	1996–97	1997–98
Migration to Australia for short-term stay					
Country of previous residence					
New Zealand	51	56	44	62	58
UK/Ireland	54	45	53	65	137
Other countries	25	23	7	12	25
<i>Total</i>	<i>130</i>	<i>124</i>	<i>104</i>	<i>139</i>	<i>220</i>
Migration to Australia for long-term stay					
Country of previous residence					
New Zealand	69	66	77	72	74
UK/Ireland	26	32	45	54	170
Other countries	23	15	24	22	32
<i>Total</i>	<i>118</i>	<i>113</i>	<i>146</i>	<i>148</i>	<i>276</i>
Migration to Australia by Australian residents returning after a long-term overseas stay					
Country of long-term stay					
New Zealand	68	49	70	79	81
Other Oceania	41	45	36	34	17
UK/Ireland	965	985	958	998	990
Other Europe	120	128	137	123	117
Middle East	207	236	196	202	174
Africa	36	44	35	48	28
Hong Kong	111	112	89	93	74
Singapore	18	38	38	22	23
Malaysia	32	26	27	24	21
Other Asia	62	69	71	86	102
USA/Canada	267	270	267	251	224
Other countries	28	13	30	20	27
<i>Total</i>	<i>1,955</i>	<i>2,015</i>	<i>1,954</i>	<i>1,980</i>	<i>1,878</i>
Migration of Australian residents from Australia for long-term overseas stay					
Country of long-term stay					
New Zealand	26	32	27	30	42
Other Oceania	22	30	30	20	4
UK/Ireland	175	185	231	299	345
Other Europe	27	16	26	15	20
Middle East	235	224	233	192	162
Hong Kong	47	63	54	55	47
Singapore	33	24	24	36	26
Other Asia	39	57	61	71	67
USA/Canada	98	68	71	69	71
Other countries	18	26	29	20	31
<i>Total</i>	<i>720</i>	<i>725</i>	<i>786</i>	<i>807</i>	<i>815</i>
Temporary visitor departing after long-term stay in Australia					
Country of future residence					
New Zealand	77	60	67	62	54
Other Oceania	30	20	28	16	14
UK/Ireland	82	130	162	213	279
Other Europe	35	26	39	52	56
Hong Kong	13	14	13	11	10
China	21	12	10	8	16
Other Asia	45	65	67	98	164
USA/Canada	21	32	32	23	36
Other countries	8	9	10	18	37
<i>Total</i>	<i>332</i>	<i>368</i>	<i>428</i>	<i>501</i>	<i>666</i>

Note: Long-term movements refer to those involving 12 months or more. Short-term movements refer to those involving less than 12 months.

Source: AIHW from DIMA data.

Table 20: Temporary migration of nurses to and from Australia for education, 1992–93 to 1997–98

Category/country	1993–94	1994–95	1995–96	1996–97	1997–98
Migration to Australia for long-term stay					
Country of previous residence					
New Zealand	11	9	1	4	11
Other Oceania	26	15	14	18	11
Hong Kong	11	18	31	27	10
Singapore	32	25	8	12	11
Other Asia	31	35	15	57	36
Other countries	17	14	36	23	26
<i>Total</i>	<i>128</i>	<i>116</i>	<i>105</i>	<i>141</i>	<i>105</i>
Migration to Australia for short-term stay					
Country of previous residence					
New Zealand	4	4	1	6	4
Other Oceania	15	12	11	11	1
Singapore	45	28	21	—	15
Hong Kong	16	17	12	—	—
Other Asia	24	65	75	43	30
USA/Canada	1	3	3	—	—
Other countries	10	11	6	—	34
<i>Total</i>	<i>115</i>	<i>140</i>	<i>129</i>	<i>60</i>	<i>84</i>
Migration of Australian residents from Australia for long-term overseas stay					
Country of long-term stay					
UK/Ireland	24	32	24	18	24
Other countries	24	23	16	20	26
<i>Total</i>	<i>48</i>	<i>55</i>	<i>40</i>	<i>38</i>	<i>50</i>

Note: Long-term movements refer to those involving 12 months or more. Short-term movements refer to those involving less than 12 months.

Source: AIHW from DIMA data.