

# Workforce Planning

## Nurse unemployment

The number of *registered* and *enrolled* nurses who were not employed in any job and who were looking for work in nursing fell sharply from 9,066 in 1993 to 4,344 in 1997. As a percentage of the employed nursing labour force, this represented a fall from 4.2% in 1993 to 2.0% in 1997.

During the same period, the Skilled Vacancy Survey of the Department of Employment, Workplace Relations and Small Business recorded a substantial rise in vacancies (seasonally adjusted) for *registered* nurses. In December 1993, there were 288 vacancies, increasing to 567 in 1994. However, an increase in the number of unemployed nurses into the workforce resulted in a decrease in the vacancy level to 327 in December 1997.

## Nurse shortages

Information on shortages of *registered* nurses in various occupations was obtained from the Department of Employment, Workplace Relations and Small Business (DEWRSB), which monitors occupational labour markets in Australia and assesses whether skill shortages exist.

The Department skills shortages as follows:

“Skill shortages exist when employers are unable to fill, or have considerable difficulty in filling vacancies for an occupation, or specialised skill needs within that occupation, at current levels of remuneration and conditions of employment, and reasonably accessible location. Shortages are typically for specialised and experienced workers, and can coexist with relatively high unemployment overall or in the occupation. An occupation may be assessed as in shortage even though not all specialisations may be in shortage. Occupations may be in shortage in particular geographical areas and not in others”

The Department does not quantify the skill shortage of the occupations that it identifies are in shortage at a particular point in time.

In February 2001 the following *registered* nurse occupations were experiencing Australia-wide shortages – operating theatre, critical/intensive care, accident/emergency, cardiothoracic, neo-natal intensive care, neurological, paediatric, aged care, midwife, renal, oncology, palliative care, perioperative, indigenous health, general *registered* nurse and mental health (Table 7).

**Table 7: Nursing occupations in shortage, States and Territories, February 2001**

Nursing occupation in demand	Australia	NSW/ACT	Vic	Qld	WA	SA	Tas	NT
General RN	Y	Y	Y	Y	Y	Y	Y	Y
Operating theatre RN	Y	Y	Y	Y	Y	Y	Y	Y
Accident/emergency RN	Y	Y	Y	Y	Y	Y	Y	Y
Cardiothoracic RN	Y	R	Y	Y	Y	Y	Y	Y
Neurological RN	Y	R	Y	Y	Y	Y	..	Y
Neonatal intensive Care RN	Y	R	Y	Y	Y	Y	Y	Y
Paediatric RN	Y	R	Y	Y	Y	Y	..	Y
Critical/intensive care RN	Y	Y	Y	Y	Y	Y	Y	Y
Renal RN	Y	R	Y	Y	Y	Y	..	Y
Aged care RN	Y	Y	Y	Y	..	Y	Y	Y
Oncology RN	Y	Y	Y	Y	Y	Y	Y	Y
Palliative Care	Y	R	Y	Y	Y	Y	..	Y
Perioperative RN	Y	R	Y	Y	R	Y	..	Y
Indigenous Health	Y	R	..	Y	Y	..	..	Y
Community Nursing	Y	Y	Y	Y	R	..	..	Y
Registered midwife	Y	R	Y	Y	Y	R	Y	Y
Registered Mental Health Nurse	Y	Y	Y	Y	Y	Y	Y	Y
Enrolled Nurse*	..	..	..	..	R	..	..	..

Note: Y means in shortage; R means shortage in some regional areas only,

\* Aged Care

Source: DEWRSB National and State skills shortage lists.

Nurse shortages in these areas have continued for several years, although their extent has varied slightly from year to year. Some States and Territories also experienced State-wide or regional shortages in other nursing occupations.

A number of committees have been set up by government to examine these and other issues relating to the composition and supply of the health care workforce. In 2000, the Health Ministers' Advisory Council (AHMAC) established the Australian Health Workforce Committee (AHWAC) to provide advice on health workforce issues other than the medical workforce. The AHMAC identified nursing as the initial workforce for which it required advice. In response, AHWAC has established working parties to provide advice on the current supply and future demand for midwives and intensive care nurses.

In 2001, a national review of nursing education was set up jointly by the Minister for Education, Training and Youth Affairs, and the Minister for Health and Aged Care. The terms of reference for the review team included: models of nurse education and training; types of skills and knowledge required; and strategies to attract new recruits and encourage ongoing learning of existing nurses.

In early April 2001 it was announced that the Senate Community Affairs References Committee would hold an inquiry into nursing. The inquiry will be covering such issues as: the shortage of nurses and the impact on health and aged care services, improvements to the education and training of nurses, recruitment and retention strategies and occupational health and safety.

## Nurse education

The biennial nursing survey shows that 88.7% of employed nurses gained their initial nursing qualification in Australia, with 6.5% qualifying in the United Kingdom or Ireland, 1.8% in New Zealand, 1.8% in Asia and 1.2% in other countries.

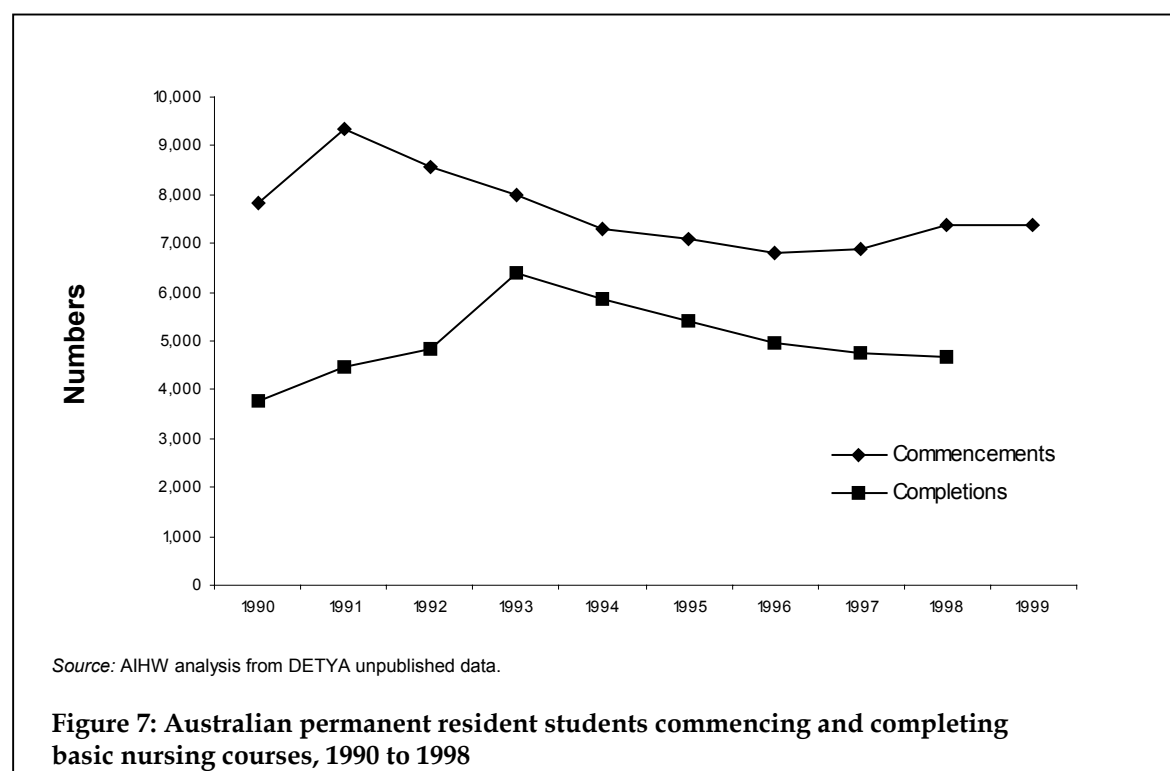
Currently *registered* nurses gain their initial qualification through a three-year university degree throughout Australia. Prior to 1984 *registered* nurses gained their initial qualification through hospital-based training. This transfer was a staged process that varied in timing between States and Territories – the transfer was complete by the end of 1993.

Basic nurse courses are defined as preliminary or initial courses in health care, and are undertaken in higher education institutions. Post-Basic training is available to nurses who, although already trained as nurses, do not have graduate level qualifications and therefore cannot enrol in post-graduate courses or become registered.

*Enrolled* nurse training is undertaken through technical and further education institutions in each state.

In total, there were 13,318 students (including Australian citizens or residents and overseas students) who commenced nursing courses in 1999, making up 43.4% of all nursing enrolments. Of these, 7,803 or 58.6% commenced basic nursing courses and 5,515 or 41.4% commenced post-basic nursing courses. Most (86.3%) were female.

The numbers of Australian citizen or permanent resident students who commenced basic nursing training at Australian universities decreased from 9,325 in 1991 to 6,821 in 1996, then increased to 7,388 in 1999. Numbers of Australian students completing basic nurse training declined from 6,397 in 1993 to 4,661 in 1998 (Figure 7).



Of Australian citizens or permanent residents who commenced higher education nursing courses in 1999, 62.4% came from a capital city, 7.3% from another metropolitan area, 27.4% from rural areas and 2.2% from remote areas. This closely reflects the population distribution in 1999 of 63.9% in capital cities; 7.6% in other metropolitan areas; 25.6% and 3% in rural and

remote areas respectively and may indicate the diverse locations of institutions offering nursing training.

In 1998, 10,097 students completed nursing courses at Australian universities; 49.8% completed basic and 50.2% post-basic nursing courses. Of students completing basic nursing courses, 92.7% were Australian citizens or permanent residents and 7.3% were overseas students.

Of the 8,687 Australian permanent resident students in 1998 who completed nursing courses, 81.6% were born in Australia and 17.8% were born overseas. Of the 1,547 students born overseas, over one third (35.8%) were from the United Kingdom and Ireland.

Of the 30,686 students enrolled in nursing courses in 1999, two thirds (66.6%) were enrolled in basic nursing courses and one third (33.4%) in post-basic nursing courses. This represented a 14.1% decline from the peak enrolment of 35,708 in 1993 (Table 66).

Of students enrolled in basic nursing courses in 1999, 96.1% were Australian citizen or permanent resident students, and 3.9% were overseas students. Since 1996, there has been a decrease in the number of overseas students enrolled in basic nursing courses.

In 1999, 49.5% of post-basic nursing students commencing, 37.2% of those enrolled in, and 34.5% of those completing, bachelor (pass and honours) courses were overseas students.

The numbers of nurses completing postgraduate diplomas is important in addressing workforce requirements for specialist fields of nursing practice. There has been 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 1998, the number of Australian permanent resident nurses completing postgraduate diplomas in nursing increased by 68.9% from 921 to 1,556 (Table 67). However, only 1,757 persons commenced postgraduate diplomas in nursing in 1999, a decline from 2,075 in 1997 and 2,038 in 1996 (Table 65). Additional training for specialised fields is not always available in all centres.

## **Nurse migration**

International migration statistics in this publication were produced by AIHW from data provided by the Department of Immigration and Multicultural Affairs. Since 1998–99, responsibility for assessing overseas nurses for Australian registration has been gradually moved from the Australian Nursing Council (ANC) to the State and Territory Governments. The ANC still assesses some nurses, such as those who are working as nurses on holiday visas and who have applied for permanent residency.

Australia has a relatively low level of recruitment of overseas-trained nurses. This is in contrast to the medical workforce in which State health authorities make extensive use of temporary resident doctors to ameliorate workforce shortages. In 1998–99, there were 2,198 doctors and 772 nurses from overseas countries who migrated to Australia temporarily for employment. Of the nurses, 439 were from the United Kingdom and Ireland and 253 were from New Zealand. There was a sharp rise between 1995–96 and 1998–1999, from 250 to 772. Of these, 450 migrated for a long-term stay, and 322 for a short-term stay.

A similar number of Australian nurses (851) left Australia for overseas employment, resulting in a temporary net loss of 79 nurses. Of those who left, one half (51.5%) went to work in the United Kingdom/Ireland, 17.6% to the Middle East and 6.8% to the United States or Canada (Table 72).

In 1998–99, migration flows included 1,080 nurses who were residents of foreign countries and who permanently migrated to Australia, and a further 1,552 nurses who were Australian residents returning after a long-term (12 months or more) overseas stay. Also, 661 Australian

nurses permanently migrated from Australia and a further 653 nurses departed who had been residing in Australia for 12 months or more. This resulted in a net gain of 1,318 nurses in Australia.

In 1998–99, 172 nurses arrived in Australia for a short or long-term stay for education purposes, of whom 90 had previously resided in Asia. Some 39 Australian resident nurses departed for long-term study overseas, of whom 20 went to the United Kingdom/Ireland (Table 71).

## **International comparison**

The Organisation for Economic Co-operation and Development (OECD) defines certified nurses into two categories: First Level – those who have had a minimum of three years of formal training; and Second Level – those who have had between one and two years of formal training. These categories correspond to *registered* and *enrolled* nurses respectively in Australia.

Not all OECD countries use the same definition for certified nurses, and formal training varies considerably across countries. A footnote has been used to indicate where the definitions are known to differ from the standard OECD definition.

These differences mean that comparisons with the OECD ‘average’ are limited. Australia appears, however, to have a higher provision of *registered* nurses per 100,000 population than do most other OECD countries. Australia’s level of 1064.6 is the fourth highest of the OECD countries after Ireland (1,533.9), Switzerland (1379.9) and Finland (1,353.2) (Table 8).

**Table 8: Certified nurses: OECD countries, 1997**

<b>Country</b>	<b>Certified Nurses<sup>(a)</sup></b>	<b>Population ('000)</b>	<b>Nurses per 100,000 population</b>
Australia	197,211	18,524	1,064.6
Austria	70,970	8,072	879.2
Canada <sup>(b)</sup>	229,813	29,987	766.4
Czech Republic <sup>(c)</sup>	83,366	10,304	809.1
Denmark	38,110	5,284	721.2
Finland	69,553	5,140	1,353.2
France <sup>(c,d)</sup>	347,918	58,608	593.6
Germany <sup>(c)</sup>	777,000	82,052	947.0
Greece	38,112	10,497	363.1
Hungary <sup>(c)</sup>	50,386	10,155	496.2
Iceland <sup>(d)</sup> (1994)	3,615	266	733.8
Ireland <sup>(e)</sup>	56,155	3,661	1,533.9
Italy <sup>(f)</sup>	303,328	56,868	533.4
Japan <sup>(d)</sup> (1996)	928,896	125,864	738.0
Korea	58,212	45,991	126.6
Luxembourg	2,988	421	709.7
Mexico	102,314	93,938	108.9
New Zealand <sup>(d)</sup>	34,016	3,761	904.4
Norway	41,677	4,405	946.1
Poland (1996)	215,295	38,618	557.5
Portugal	36,586	9,950	367.7
Spain <sup>(e)</sup>	181,877	39,323	462.5
Sweden <sup>(d)</sup> (1995)	90,200	8,837	1,020.7
Switzerland <sup>(g)</sup> (1990)	93,781	6,796	1,379.9
Turkey <sup>(h)</sup>	67,265	63,745	105.5
United Kingdom <sup>(c,i)</sup>	262,732	59,009	445.2
United States <sup>(d)</sup>	2,203,000	267,744	822.8
<b>Total</b>	<b>6,584,376</b>	<b>1,067,820</b>	<b>616.5</b>

- (a) The OECD definition of certified nurses is the number of nurses certified or registered and actively practicing in public and private hospitals, clinics and other health facilities. It excludes nurses who are working abroad, and those working in administration, research or industry. Numbers should be reported as full-time equivalents, but in most cases are reported as head counts: those that are reported as full-time equivalents are noted. Most countries include nursing auxiliaries numbers, where this category exists.
- (b) Excludes licensed nursing assistants (nursing auxiliaries); includes some retired nurses and nurses in industry, research and administration.
- (c) Refers to full-time equivalents.
- (d) Includes nurses in industry, research and administration.
- (e) Includes all nurses on the register, including nurses not active in nursing and those in training.
- (f) Includes nurses employed in public and private hospitals and in Local Health Units only.
- (g) Includes all employed nurses.
- (h) Includes nurses in administration.
- (i) Includes nurses employed by the National Health Service only. Nurse numbers exclude Northern Ireland nurses.

Source: OECD Health Data File, 2000.

**Table 9: Registrations and enrolments, States and Territories, 1993 to 1999**

Year	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
<b>Registrations</b>									
1993	71,361	54,246	37,515	18,643	17,969	6,440	3,906	2,550	212,630
1994	71,960	55,163	38,221	18,430	17,613	6,103	3,817	2,261	213,568
1995	73,178	52,699	34,073	18,359	17,283	6,083	3,930	2,305	207,910
1996	74,131	49,716	34,924	18,709	17,250	5,640	3,905	2,763	207,038
1997	74,659	52,245	34,278	19,346	17,021	5,375	3,681	2,895	209,500
1998	74,895	52,783	34,703	19,374	16,897	5,224	3,632	3,020	210,528
1999	75,224	51,903	35,252	20,909	17,163	4,988	3,745	3,694	212,878
<b>Enrolments</b>									
1993	16,569	26,285	10,952	6,054	6,369	1,390	822	384	68,825
1994	16,521	24,796	9,145	5,855	6,090	1,390	787	523	65,107
1995	16,565	20,323	8,188	6,146	5,770	1,387	780	466	59,625
1996	16,578	17,965	8,039	5,688	5,618	1,267	719	536	56,410
1997	16,477	17,896	7,351	5,131	5,369	1,176	636	546	54,582
1998	16,343	17,771	7,230	5,279	5,165	1,092	649	551	54,080
1999	16,366	17,020	7,168	5,219	5,174	875	693	590	53,105
<b>Total</b>									
1993	87,930	80,531	48,467	24,697	24,338	7,830	4,728	2,934	281,455
1994	88,481	79,959	47,366	24,285	23,703	7,493	4,604	2,784	278,675
1995	89,743	73,022	42,261	24,505	23,053	7,470	4,710	2,771	267,535
1996	90,709	67,681	42,963	24,397	22,868	6,907	4,624	3,299	263,448
1997	91,136	70,141	41,629	24,477	22,390	6,551	4,317	3,441	264,082
1998	91,238	70,554	41,933	24,653	22,062	6,316	4,281	3,571	264,608
1999	91,590	68,923	42,420	26,128	22,337	5,863	4,438	4,284	265,983
<b>(percentage change from previous year)</b>									
<b>Registrations</b>									
1994	0.8	1.7	1.9	-1.1	-2.0	-5.2	-2.3	-11.3	0.4
1995	1.7	-4.5	-10.9	-0.4	-1.9	-0.3	3.0	1.9	-2.6
1996	1.3	-5.7	2.5	1.9	-0.2	-7.3	-0.6	19.9	-0.4
1997	0.7	5.1	-1.8	3.4	-1.3	-4.7	-5.7	4.8	1.2
1998	0.3	1.0	1.2	0.1	-0.7	-2.8	-1.3	4.3	0.5
1999	0.4	-1.7	1.6	7.9	1.6	-4.5	3.1	22.3	1.1
<b>Enrolments</b>									
1994	-0.3	-5.7	-16.5	-3.3	-4.4	—	-4.3	36.2	-5.4
1995	0.3	-18.0	-10.5	5.0	-5.3	-0.2	-0.9	-10.9	-8.4
1996	0.1	-11.6	-1.8	-7.5	-2.6	-8.7	-7.8	15.0	-5.4
1997	-0.6	-0.4	-8.6	-9.8	-4.4	-7.2	-11.5	1.9	-3.2
1998	-0.8	-0.7	-1.6	2.9	-3.8	-7.1	2.0	0.9	-0.9
1999	0.1	-4.2	-0.9	-1.1	0.2	-19.9	6.8	7.1	-1.8
<b>Total</b>									
1994	0.6	-0.7	-2.3	-1.7	-2.6	-4.3	-2.6	-5.1	-1.0
1995	1.4	-8.7	-10.8	0.9	-2.7	-0.3	2.3	-0.5	-4.0
1996	1.1	-7.3	1.7	-0.4	-0.8	-7.5	-1.8	19.1	-1.5
1997	0.5	3.6	-3.1	0.3	-2.1	-5.2	-6.6	4.3	0.2
1998	0.1	0.6	0.7	0.7	-1.5	-3.6	-0.8	3.8	0.2
1999	0.4	-2.3	1.2	6.0	1.2	-7.2	3.7	20.0	0.5

Source: State and Territory nurse registration boards.

**Table 10: Registered and enrolled nurse workforce, Australia, 1990 to 1999**

Year	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia	Employed part-time	
	('000)								('000)	(per cent)	
<b>Employed registered nurses</b>											
1990	52.7	43.6	22.8	11.7	12.9	6.5	2.2	1.2	153.5	60.8	39.6
1991	59.3	41.2	27.1	13.5	13.7	6.8	1.9	1.4	164.5	65.4	39.7
1992	51.4	39.7	27.0	14.1	13.2	6.8	2.0	1.7	155.8	61.5	39.5
1993	53.9	39.9	24.7	15.0	15.1	5.2	2.0	1.6	157.4	63.7	40.5
1994	58.1	33.6	25.5	13.7	12.7	5.2	2.5	1.4	152.6	63.1	41.4
1995	56.4	41.0	23.9	14.4	13.7	5.6	2.7	1.2	158.7	68.2	42.9
1996	57.1	42.4	26.6	13.8	14.2	5.0	2.3	1.7	162.5	68.9	42.4
1997	52.0	43.1	30.5	14.8	13.8	5.1	2.1	1.7	162.9	67.1	41.2
1998	58.5	47.2	27.6	15.3	12.4	4.9	2.8	1.7	170.4	71.7	42.1
1999	58.8	42.8	28.1	15.4	12.9	4.8	2.7	2.0	167.4	72.3	43.2
<b>Employed enrolled nurses</b>											
1990	8.7	16.5	6.8	4.6	6.7	1.2	0.2	0.5	45.0	21.1	46.8
1991	9.9	14.9	7.2	4.7	5.4	1.6	0.4	0.5	44.5	22.7	51.0
1992	11.8	17.2	7.1	3.4	5.2	1.3	0.4	0.2	46.6	24.2	51.8
1993	11.4	15.3	6.4	5.0	4.3	1.9	0.5	0.2	44.9	23.6	52.6
1994	9.7	16.0	7.6	3.0	4.2	1.5	0.3	0.1	42.2	22.6	53.6
1995	10.0	12.3	6.8	4.6	3.7	1.8	0.4	0.2	39.6	19.7	49.7
1996	7.3	12.0	6.3	3.8	5.0	1.1	0.2	0.3	36.1	18.2	50.4
1997	9.1	9.3	5.9	2.9	3.8	0.3	0.2	0.2	31.5	16.2	51.4
1998	8.0	8.1	6.1	3.8	4.5	0.2	0.2	0.2	30.9	14.6	47.2
1999	7.1	6.8	7.2	2.2	4.6	0.3	0.3	0.1	28.5	14.1	49.5
<b>Employed registered and enrolled nurses</b>											
1990	61.3	60.1	29.6	16.3	19.6	7.7	2.4	1.6	198.5	81.8	41.2
1991	69.2	56.1	34.3	18.2	19.1	8.4	2.3	1.8	209.0	88.0	42.1
1992	63.2	56.8	34.2	17.5	18.4	8.0	2.4	1.9	202.4	85.6	42.3
1993	65.3	55.1	31.1	20.0	19.4	7.1	2.5	1.8	202.2	87.3	43.2
1994	67.8	49.6	33.1	16.7	16.8	6.6	2.8	1.5	194.8	85.7	44.0
1995	66.3	53.3	30.7	19.0	17.4	7.3	3.0	1.3	198.4	87.8	44.3
1996	64.4	54.4	32.9	17.6	19.2	6.1	2.5	2.0	198.6	87.1	43.9
1997	61.1	52.4	36.3	17.6	17.6	5.3	2.3	1.9	194.3	83.2	42.8
1998	66.5	55.2	33.6	19.2	16.9	5.1	3.0	1.9	201.3	86.3	42.9
1999	65.9	49.6	35.3	17.6	17.4	5.2	2.9	2.1	195.9	86.4	44.1
<b>Population</b>											
1989	5,771.9	4,321.5	2,834.1	1,594.7	1,424.6	451.1	278.7	156.3	16,833.1	..	..
1999	6,441.7	4,712.2	3,512.4	1,861.0	1,493.1	470.3	310.2	192.9	18,966.8	..	..
<b>Employment per 100,000 population</b>											
1989	1,110.6	1,256.5	1,033.8	1,025.3	1,388.1	1,834.4	1,085.4	1,311.6	1,171.1	..	..
1999	1,023.0	1,052.1	1,003.6	947.1	1,167.0	1,095.0	942.9	1,062.7	1,032.7	..	..
<b>Employed enrolled nurses as % of nurse workforce</b>											
(per cent)											
1989	20.6	26.2	26.2	26.9	26.3	21.8	15.7	22.0	24.0	26.6	..
1999	10.7	13.7	20.3	12.6	26.1	6.3	9.4	4.9	14.5	16.3	..

*Notes*

1. The above annual estimates are the averages of the four quarterly estimates.
2. The sampling fraction for the monthly labour force survey was 1 in 230 dwellings for NSW and Victoria, 1 in 160 for Qld, 1 in 70 for Tasmania and 1 in 115 for other States and Territories prior to September 1992.
3. The sampling fraction for the monthly labour force survey was 1 in 277 dwellings for NSW, 1 in 242 for Victoria, 1 in 195 for Qld, 1 in 139 for SA, 1 in 146 for WA and 1 in 75 for Tasmania and the Territories from September 1992.
4. *The Labour Force Australia* (ABS cat. no. 6203.0) provides the standard errors for labour force survey estimates.

Source: AIHW, from ABS labour force quarterly estimates.



**Table 11: Registered and enrolled nurses: employment status, Australia, 1993 to 1997**

<b>Employment status/ occupation</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>
Employed in nursing, only or mainly in State/Territory						(per cent)				
Clinician	195,737	204,748	195,692	197,458	197,211	90.3	91.0	88.7	90.5	88.7
Administrator	8,538	8,534	10,027	9,159	11,940	3.9	3.8	4.5	4.2	5.4
Teacher/educator	4,623	4,717	4,717	3,796	5,158	2.1	2.1	2.1	1.7	2.3
Researcher	637	627	884	719	1,173	0.3	0.3	0.4	0.3	0.5
Other	7,161	6,484	9,347	7,040	6,729	3.3	2.9	4.2	3.2	3.0
<i>Total</i>	<i>216,696</i>	<i>225,110</i>	<i>220,666</i>	<i>218,172</i>	<i>222,211</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Employed in nursing <sup>(a)</sup>	216,696	225,110	220,666	218,172	222,211	93.2	92.9	95.5	94.6	95.8
On extended leave	2,535	2,856	2,594	3,943	3,149	1.1	1.2	1.1	1.7	1.4
Looking for work in nursing										
Employed elsewhere	4,306	4,280	2,447	3,260	2,188	1.9	1.8	1.1	1.4	0.9
Not employed	9,066	9,979	5,456	5,143	4,344	3.9	4.1	2.4	2.2	1.9
<i>Total</i>	<i>13,372</i>	<i>14,259</i>	<i>7,902</i>	<i>8,403</i>	<i>6,532</i>	<i>5.7</i>	<i>5.9</i>	<i>3.4</i>	<i>3.6</i>	<i>2.8</i>
<i>Nursing labour force</i>	<i>232,603</i>	<i>242,225</i>	<i>231,163</i>	<i>230,519</i>	<i>231,892</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Overseas	4,142	4,218	3,675	3,667	3,939	10.9	15.8	13.1	14.6	16.6
Not looking for work in nursing										
Employed elsewhere	13,410	9,831	10,501	9,298	8,732	35.2	36.8	37.5	37.1	36.9
Not employed	20,565	12,696	13,820	12,120	10,989	54.0	47.5	49.4	48.3	46.4
<i>Total</i>	<i>33,975</i>	<i>22,527</i>	<i>24,321</i>	<i>21,419</i>	<i>19,721</i>	<i>89.1</i>	<i>84.2</i>	<i>86.9</i>	<i>85.4</i>	<i>83.4</i>
<i>Not in nursing labour force</i>	<i>38,117</i>	<i>26,745</i>	<i>27,996</i>	<i>25,085</i>	<i>23,659</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Nursing labour force	232,603	242,225	231,163	230,519	231,892	85.9	90.1	89.2	90.2	90.7
Not in nursing labour force	38,117	26,745	27,996	25,085	23,659	14.1	9.9	10.8	9.8	9.3
<i>Total registered, enrolled</i>	<i>270,720</i>	<i>268,970</i>	<i>259,159</i>	<i>255,604</i>	<i>255,551</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Multiple registrations	10,733	9,703	8,376	7,975	8,531	..	..	..	..	..
<b>Total registrations</b>	<b>281,453</b>	<b>278,673</b>	<b>267,535</b>	<b>263,579</b>	<b>264,082</b>	..	..	..	..	..

(a) Excludes nurses on extended leave.

Source: AIHW.

**Table 12: Employed nurses and full-time equivalent nurses per 100,000 population: States and Territories, 1993 to 1997**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
<b>Number of nurses per 100,000 population, 1993</b>									
All nurses	1,096	1,368	1,164	1,218	1,502	1,317	1,059	1,090	1,227
FTE nurses <sup>(a)</sup>	876	1,034	928	953	1,149	998	855	932	958
FTE nurses <sup>(b)</sup>	994	1,145	1,047	1,083	1,252	1,103	978	1,089	1,074
Population ('000)	5,997.4	4,464.2	3,116.0	1,676.3	1,462.9	471.4	298.9	169.3	17,656.4
<b>Number of nurses per 100,000 population, 1994</b>									
All nurses	1,093	1,500	1,214	1,223	1,457	1,257	1,018	1,071	1,262
FTE nurses <sup>(a)</sup>	881	1,162	984	960	1,114	952	835	918	998
FTE nurses <sup>(b)</sup>	999	1,282	1,115	1,083	1,214	1,053	979	1,061	1,118
Population ('000)	6,049.2	4,475.5	3,196.1	1,701.1	1,469.4	472.5	300.9	171.1	17,835.8
<b>Number of nurses per 100,000 population, 1995</b>									
All nurses	1,105	1,420	1,070	1,238	1,423	1,376	1,098	1,062	1,222
FTE nurses <sup>(a)</sup>	824	1,133	868	1,004	1,099	1,077	884	923	957
FTE nurses <sup>(b)</sup>	934	1,284	952	1,173	1,201	1,212	1,006	1,106	1,079
Population ('000)	6,115.1	4,502.0	3,277.4	1,731.7	1,474.0	473.0	304.1	173.9	18,051.2
<b>Number of nurses per 100,000 population, 1996</b>									
All nurses	1,100	1,309	1,092	1,212	1,413	1,271	1,064	1,213	1,192
FTE nurses <sup>(a)</sup>	819	1,043	887	1,137	939	995	953	948	931
FTE nurses <sup>(b)</sup>	984	1,178	962	1,236	1,097	1,120	1,142	1,079	1,064
Population ('000)	6,203.9	4,560.8	3,339.1	1,765.7	1,474.4	474.6	308.0	181.9	18,308.4
<b>Number of nurses per 100,000 population, 1997</b>									
All nurses	1,115	1,339	1,084	1,208	1,383	1,270	1,099	1,189	1,200
FTE nurses <sup>(a)</sup>	916	1,060	910	982	1,090	998	908	1,066	976
FTE nurses <sup>(b)</sup>	1,026	1,157	980	1,121	1,193	1,090	1,009	1,294	1,077
Population ('000)	6,272.8	4,605.2	3,397.1	1,797.9	1,479.7	473.5	308.0	186.9	18,521.0
<b>(percentage change between 1993 and 1997)</b>									
All nurses	1.7	-2.2	-6.9	-0.9	-7.9	-3.6	3.7	9.1	-2.2
FTE nurses <sup>(a)</sup>	4.6	2.5	-1.9	3.0	-5.1	0.1	6.2	14.4	1.9
FTE nurses <sup>(b)</sup>	3.2	1.0	-6.3	3.5	-4.7	-1.1	3.1	18.8	0.4
Population	4.6	3.2	9.0	7.3	1.1	0.4	3.0	10.4	4.9

(a) Calculated on the basis that all nurses working 35 or more hours per week are counted as one full-time equivalent (FTE) and all working less than 35 hours per week are a portion of a FTE.

(b) Calculated on the basis that hours worked is divided by 35 for all nurses, i.e. a nurse working 70 hours per week equals 2 FTEs, one working 21 hours equals 0.6 FTEs.

Source: AIHW.

**Table 13: Registered and enrolled nurses: employment status, Australia, 1993 to 1999**

Employment status/occupation	Survey results					Estimates <sup>(a)</sup>	
	1993	1994	1995	1996	1997	1998	1999
Employed in nursing, only or mainly in State/Territory							
Clinician <sup>(b)</sup>	195,737	204,748	195,692	197,458	197,211	197,915	198,943
Administrator	8,538	8,534	10,027	9,159	11,940	10,581	10,636
Teacher/educator	4,623	4,717	4,717	3,796	5,158	4,491	4,514
Researcher	637	627	884	719	1,173	949	954
Other	7,161	6,484	9,347	7,040	6,729	6,905	6,941
<i>Total employed in nursing<sup>(c)</sup></i>	<i>216,696</i>	<i>225,110</i>	<i>220,666</i>	<i>218,172</i>	<i>222,211</i>	<i>220,840</i>	<i>221,988</i>
On extended leave <sup>(d)</sup>	2,535	2,856	2,594	3,943	3,149	3,557	3,575
Looking for work in nursing							
Employed elsewhere	4,306	4,280	2,447	3,260	2,188	2,732	2,746
Not employed	9,066	9,979	5,456	5,143	4,344	4,757	4,782
Total	13,372	14,259	7,902	8,403	6,532	7,489	7,528
<i>Nursing labour force</i>	<i>232,603</i>	<i>242,225</i>	<i>231,163</i>	<i>230,519</i>	<i>231,890</i>	<i>231,886</i>	<i>233,096</i>
Overseas	4,142	4,218	3,675	3,667	3,939	3,814	3,834
Not looking for work in nursing							
Employed elsewhere	13,410	9,831	10,501	9,298	8,732	9,042	9,089
Not employed	20,565	12,696	13,820	12,120	10,989	11,589	11,649
Total	33,975	22,527	24,321	21,419	19,721	20,630	20,737
<i>Not in nursing labour force</i>	<i>38,117</i>	<i>26,745</i>	<i>27,996</i>	<i>25,085</i>	<i>23,659</i>	<i>24,444</i>	<i>24,571</i>
<i>Total registered, enrolled nurses</i>	<i>270,720</i>	<i>268,970</i>	<i>259,159</i>	<i>255,604</i>	<i>255,551</i>	<i>256,330</i>	<i>257,662</i>
Multiple registrations, enrolments	10,733	9,703	8,376	7,975	8,531	8,278	8,321
<b>Total registrations, enrolments</b>	<b>281,453</b>	<b>278,673</b>	<b>267,535</b>	<b>263,579</b>	<b>264,082</b>	<b>264,608</b>	<b>265,983</b>

(a) Estimated, based on applying the average of 1996 and 1997 data to total registrations and enrolments for 1998 and 1999.

(b) Includes clinical nurse managers.

(c) Excludes nurses on extended leave.

(d) Not included as an option on the New South Wales and Queensland survey forms for 1993, 1994 or 1995, and on the Queensland survey form for 1997.

Source: AIHW.

**Table 14: Registered and enrolled nurses: professional employment status, States and Territories, 1997**

<b>Professional employment status</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>WA</b>	<b>SA</b>	<b>Tas</b>	<b>ACT</b>	<b>NT</b>	<b>Australia</b>
Employed in nursing, only or mainly in this State									
Clinician	56,845	53,156	34,528	19,385	17,916	5,279	2,791	1,960	191,860
Clinical nurse manager	2,452	2,509	n.a.	n.a.	n.a.	228	161	n.a.	5,351
Administrator	5,615	2,906	1,280	850	804	219	142	124	11,940
Teacher/educator	2,282	1,222	575	458	362	82	99	78	5,158
Researcher	483	275	124	148	104	19	8	12	1,173
Other	2,283	1,573	306	870	1,279	187	183	49	6,729
<i>Total</i>	<i>69,960</i>	<i>61,641</i>	<i>36,813</i>	<i>21,711</i>	<i>20,465</i>	<i>6,014</i>	<i>3,384</i>	<i>2,223</i>	<i>222,211</i>
On extended leave	843	1,237	n.a.	261	537	108	64	99	3,149
Looking for work in nursing									
Employed elsewhere	1,032	559	240	137	128	29	14	50	2,188
Not employed	1,695	1,159	735	300	250	76	59	70	4,344
<i>Total</i>	<i>2,727</i>	<i>1,718</i>	<i>974</i>	<i>436</i>	<i>378</i>	<i>104</i>	<i>74</i>	<i>120</i>	<i>6,532</i>
<i>Nursing labour force</i>	<i>73,530</i>	<i>64,596</i>	<i>37,788</i>	<i>22,409</i>	<i>21,379</i>	<i>6,227</i>	<i>3,522</i>	<i>2,442</i>	<i>231,892</i>
Overseas	1,823	750	713	420	100	20	42	69	3,939
Not looking for work in nursing									
Employed elsewhere	5,847	1,052	612	438	247	63	275	197	8,732
Not employed	6,463	1,713	1,213	733	351	134	224	157	10,989
<i>Total</i>	<i>12,310</i>	<i>2,765</i>	<i>1,825</i>	<i>1,171</i>	<i>598</i>	<i>198</i>	<i>500</i>	<i>354</i>	<i>19,721</i>
<i>Not in nursing labour force</i>	<i>14,132</i>	<i>3,515</i>	<i>2,538</i>	<i>1,592</i>	<i>699</i>	<i>218</i>	<i>542</i>	<i>423</i>	<i>23,659</i>
<i>Total registered nurses</i>	<i>87,663</i>	<i>68,111</i>	<i>40,326</i>	<i>24,001</i>	<i>22,078</i>	<i>6,445</i>	<i>4,064</i>	<i>2,865</i>	<i>255,551</i>
Multiple registrations	3,473	2,030	1,303	476	312	106	253	576	8,531
<b>Total registrations</b>	<b>91,136</b>	<b>70,141</b>	<b>41,629</b>	<b>24,477</b>	<b>22,390</b>	<b>6,551</b>	<b>4,317</b>	<b>3,441</b>	<b>264,082</b>

Source: AIHW.

**Table 15: Registered and enrolled nurses employed as clinicians: area of clinical nursing, States and Territories, 1997**

Area of clinical nursing	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Mixed medical and surgical	3,809	9,849	5,874	4,561	3,973	727	301	199	29,293
Medical	8,901	2,421	2,426	1,542	1,041	492	162	76	17,059
Surgical	5,947	3,004	2,926	1,560	1,195	393	274	109	15,408
Coronary care or surgery	1,623	993	–	–	–	–	72	–	2,688
Geriatric/gerontology	9,750	13,147	5,087	2,417	3,417	1,061	281	134	35,294
Oncology	996	984	600	–	–	67	38	–	2,684
Perioperative /operating	4,472	3,588	2,503	1,358	1,309	404	238	102	13,974
Theatre/recovery									
Rehabilitation	1,592	1,686	–	–	–	64	33	–	3,375
Renal	477	400	–	–	–	–	49	–	926
Respiratory medicine/asthma	379	90	–	–	–	14	3	–	486
Critical care/intensive care	3,317	2,211	1,741	903	835	197	196	72	9,472
Casualty accident/emergency	2,134	1,499	1,067	589	455	159	119	117	6,139
Midwifery	4,263	4,060	2,360	1,192	1,354	426	325	212	14,192
Mental health/psychiatric	4,254	3,060	2,222	1,123	1,134	299	127	75	12,294
Community nursing	1,737	2,179	1,625	991	983	394	153	233	8,295
Developmental disability	1,502	371	186	180	190	92	12	2	2,535
Occupational health	168	305	221	108	149	8	5	16	981
Paediatric	886	1,057	1,089	632	486	119	110	144	4,522
Aboriginal health	50	17	–	–	–	–	–	–	67
Child and family health	707	865	446	209	255	131	88	28	2,729
School children's health	129	171	119	186	30	–	12	24	672
No one principal area	584	937	934	424	44	121	23	166	3,233
Other	1,623	2,771	3,105	1,409	1,065	339	331	252	10,894
<b>Total</b>	<b>59,297</b>	<b>55,665</b>	<b>34,528</b>	<b>19,385</b>	<b>17,916</b>	<b>5,507</b>	<b>2,952</b>	<b>1,961</b>	<b>197,211</b>
	(per cent)								
Mixed medical and surgical	6.4	17.7	17.0	23.5	22.2	13.2	10.2	10.2	14.9
Medical	15.0	4.3	7.0	8.0	5.8	8.9	5.5	3.9	8.6
Surgical	10.0	5.4	8.5	8.0	6.7	7.1	9.3	5.6	7.8
Coronary care or surgery	2.7	1.8	0.0	0.0	0.0	0.0	2.4	0.0	1.4
Geriatric/gerontology	16.4	23.6	14.7	12.5	19.1	19.3	9.5	6.8	17.9
Oncology	1.7	1.8	1.7	0.0	0.0	1.2	1.3	0.0	1.4
Perioperative/operating	7.5	6.4	7.2	7.0	7.3	7.3	8.1	5.2	7.1
Theatre/recovery									
Rehabilitation	2.7	3.0	0.0	0.0	0.0	1.2	1.1	0.0	1.7
Renal	0.8	0.7	0.0	0.0	0.0	0.0	1.7	0.0	0.5
Respiratory medicine/asthma	0.6	0.2	0.0	0.0	0.0	0.3	0.1	0.0	0.2
Critical care/intensive care	5.6	4.0	5.0	4.7	4.7	3.6	6.6	3.7	4.8
Casualty accident/emergency	3.6	2.7	3.1	3.0	2.5	2.9	4.0	6.0	3.1
Midwifery	7.2	7.3	6.8	6.1	7.6	7.7	11.0	10.8	7.2
Mental health/psychiatric	7.2	5.5	6.4	5.8	6.3	5.4	4.3	3.8	6.2
Community nursing	2.9	3.9	4.7	5.1	5.5	7.2	5.2	11.9	4.2
Developmental disability	2.5	0.7	0.5	0.9	1.1	1.7	0.4	0.1	1.3
Occupational health	0.3	0.5	0.6	0.6	0.8	0.1	0.2	0.8	0.5
Paediatric	1.5	1.9	3.2	3.3	2.7	2.2	3.7	7.3	2.3
Aboriginal health	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Child and family health	1.2	1.6	1.3	1.1	1.4	2.4	3.0	1.4	1.4
School children's health	0.2	0.3	0.3	1.0	0.2	0.0	0.4	1.2	0.3
No one principal area	1.0	1.7	2.7	2.2	0.2	2.2	0.8	8.5	1.6
Other	2.7	5.0	9.0	7.3	5.9	6.2	11.2	12.9	5.5
<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>

Source: AIHW.

**Table 16: Employed registered and enrolled nurses: age and sex, States and Territories, 1997**

Age (years)	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
<b>Males</b>									
<25	322	186	204	60	60	9	4	6	851
25-29	782	577	540	199	147	26	37	16	2,325
30-34	774	727	447	294	181	56	31	6	2,516
35-39	1,132	862	499	386	274	79	38	26	3,296
40-44	1,340	822	512	413	280	104	52	40	3,563
45-49	852	541	357	213	202	78	27	34	2,304
50-54	397	276	207	125	132	39	12	9	1,197
55-59	192	129	88	60	100	27	7	7	610
60-64	74	61	53	25	39	6	1	6	264
65+	27	11	9	13	14	3	—	—	77
<b>Total</b>	<b>5,891</b>	<b>4,191</b>	<b>2,916</b>	<b>1,787</b>	<b>1,429</b>	<b>427</b>	<b>210</b>	<b>152</b>	<b>17,003</b>
Average age	38.8	38.4	37.9	41.0	39.8	41.9	41.8	38.2	38.8
<b>Females</b>									
<25	3,217	2,907	1,908	778	863	161	68	99	10,001
25-29	6,736	6,954	4,275	1,918	2,044	408	258	219	22,810
30-34	7,708	7,805	4,746	2,432	2,604	734	334	360	26,724
35-39	12,467	10,030	5,925	3,897	3,692	1,085	400	634	38,131
40-44	12,686	10,341	5,402	3,697	3,699	1,174	361	656	38,017
45-49	8,960	8,450	4,693	2,756	3,085	876	268	580	29,667
50-54	6,486	5,970	3,591	1,775	2,308	670	192	402	21,394
55-59	3,740	3,451	2,215	936	1,427	374	91	214	12,449
60-64	1,472	1,234	889	384	441	87	29	57	4,594
65+	597	308	252	104	119	17	12	11	1,421
<b>Total</b>	<b>64,069</b>	<b>57,450</b>	<b>33,897</b>	<b>18,678</b>	<b>20,282</b>	<b>5,586</b>	<b>2,013</b>	<b>3,232</b>	<b>205,208</b>
Average age	40.5	40.2	40.2	40.9	40.2	41.4	42.0	39.4	40.4
<b>Persons</b>									
<25	3,538	3,093	2,112	838	923	170	72	106	10,852
25-29	7,518	7,531	4,815	2,117	2,191	434	295	235	25,136
30-34	8,482	8,532	5,193	2,726	2,786	790	364	366	29,240
35-39	13,599	10,892	6,424	4,283	3,966	1,164	438	661	41,427
40-44	14,025	11,163	5,915	4,110	3,979	1,278	413	697	41,580
45-49	9,812	8,991	5,050	2,969	3,287	954	295	613	31,971
50-54	6,883	6,247	3,798	1,899	2,441	709	203	411	22,592
55-59	3,932	3,580	2,303	996	1,527	401	98	221	13,059
60-64	1,546	1,294	941	409	480	94	31	64	4,859
65+	624	319	261	117	133	20	12	11	1,498
<b>Total</b>	<b>69,960</b>	<b>61,641</b>	<b>36,813</b>	<b>20,465</b>	<b>21,711</b>	<b>6,014</b>	<b>2,222</b>	<b>3,384</b>	<b>222,211</b>
Average age	40.4	40.1	40.1	40.9	40.2	41.5	41.9	39.3	40.3

(continued)

Table 16 (continued): Employed registered and enrolled nurses: age, sex, States and Territories, 1997

Age (years)	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
(per cent—males)									
<25	5.5	4.4	7.0	3.3	4.2	2.2	2.1	4.1	5.0
25–29	13.3	13.8	18.5	11.1	10.3	6.0	17.9	10.8	13.7
30–34	13.1	17.3	15.3	16.5	12.7	13.1	14.6	4.2	14.8
35–39	19.2	20.6	17.1	21.6	19.2	18.5	18.2	17.3	19.4
40–44	22.7	19.6	17.6	23.1	19.6	24.2	25.0	26.6	21.0
45–49	14.5	12.9	12.2	11.9	14.1	18.3	12.7	22.0	13.5
50–54	6.7	6.6	7.1	7.0	9.2	9.1	5.5	6.2	7.0
55–59	3.3	3.1	3.0	3.3	7.0	6.4	3.4	4.6	3.6
60–64	1.2	1.4	1.8	1.4	2.7	1.5	0.7	4.1	1.6
65+	0.5	0.3	0.3	0.7	1.0	0.7	0.0	0.0	0.5
<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>
(per cent—females)									
<25	5.0	5.1	5.6	4.2	4.3	2.9	3.4	3.1	4.9
25–29	10.5	12.1	12.6	10.3	10.1	7.3	12.8	6.8	11.1
30–34	12.0	13.6	14.0	13.0	12.8	13.1	16.6	11.1	13.0
35–39	19.5	17.5	17.5	20.9	18.2	19.4	19.9	19.6	18.6
40–44	19.8	18.0	15.9	19.8	18.2	21.0	17.9	20.3	18.5
45–49	14.0	14.7	13.8	14.8	15.2	15.7	13.3	17.9	14.5
50–54	10.1	10.4	10.6	9.5	11.4	12.0	9.5	12.4	10.4
55–59	5.8	6.0	6.5	5.0	7.0	6.7	4.5	6.6	6.1
60–64	2.3	2.1	2.6	2.1	2.2	1.6	1.5	1.8	2.2
65+	0.9	0.5	0.7	0.6	0.6	0.3	0.6	0.3	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>
(per cent—persons)									
<25	5.1	5.0	5.7	4.1	4.3	2.8	3.2	3.1	4.9
25–29	10.7	12.2	13.1	10.3	10.1	7.2	13.3	6.9	11.3
30–34	12.1	13.8	14.1	13.3	12.8	13.1	16.4	10.8	13.1
35–39	19.4	17.7	17.5	20.9	18.3	19.4	19.7	19.5	18.6
40–44	20.0	18.1	16.1	20.1	18.3	21.2	18.6	20.6	18.7
45–49	14.0	14.6	13.7	14.5	15.1	15.9	13.3	18.1	14.4
50–54	9.8	10.1	10.3	9.3	11.2	11.8	9.2	12.1	10.2
55–59	5.6	5.8	6.3	4.9	7.0	6.7	4.4	6.5	5.9
60–64	2.2	2.1	2.6	2.0	2.2	1.6	1.4	1.9	2.2
65+	0.9	0.5	0.7	0.6	0.6	0.3	0.6	0.3	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>

Source: AIHW.

**Table 17: Employed registered and enrolled nurses: total hours worked and sex, States and Territories, 1997**

Hours worked	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
	<b>Males</b>								
1-9	103	80	39	20	22	7	—	3	274
10-19	328	102	62	33	47	5	8	3	588
20-29	413	313	148	76	125	49	11	5	1,140
30-34	335	480	243	102	177	57	15	3	1,412
35-39	2,323	1,706	1,200	568	845	179	49	76	6,945
40-49	1,999	1,243	1,125	453	451	107	68	78	5,523
50-59	175	88	89	32	68	4	—	19	475
60-69	49	32	9	23	12	5	—	11	142
70-79	71	110	—	90	24	14	—	2	310
80 and over	95	38	—	31	16	1	3	9	193
<i>Total</i>	<i>5,891</i>	<i>4,191</i>	<i>2,916</i>	<i>1,429</i>	<i>1,787</i>	<i>427</i>	<i>152</i>	<i>210</i>	<i>17,003</i>
<i>Average weekly hours</i>	<i>37.4</i>	<i>37.6</i>	<i>37.2</i>	<i>40.4</i>	<i>37.8</i>	<i>37.2</i>	<i>37.1</i>	<i>42.5</i>	<i>37.7</i>
	<b>Females</b>								
1-9	2,312	2,472	1,106	786	876	187	94	53	7,886
10-19	8,095	8,569	3,720	2,594	3,044	721	325	113	27,182
20-29	14,228	14,437	6,967	4,413	4,703	1,748	884	280	47,660
30-34	6,466	10,018	5,062	3,023	2,961	858	519	123	29,030
35-39	14,442	11,556	9,012	4,741	3,979	1,024	556	412	45,721
40-49	16,037	8,566	7,635	3,336	2,525	868	684	817	40,468
50-59	824	514	362	221	189	36	65	83	2,295
60-69	351	416	33	243	135	48	39	33	1,297
70-79	686	634	—	680	116	66	40	20	2,242
80 and over	628	269	—	244	150	30	26	78	1,425
<i>Total</i>	<i>64,069</i>	<i>57,450</i>	<i>33,897</i>	<i>20,282</i>	<i>18,678</i>	<i>5,586</i>	<i>3,232</i>	<i>2,013</i>	<i>205,208</i>
<i>Average weekly hours</i>	<i>31.7</i>	<i>29.7</i>	<i>31.2</i>	<i>31.9</i>	<i>29.5</i>	<i>29.5</i>	<i>31.9</i>	<i>37.6</i>	<i>30.9</i>
	<b>Persons</b>								
1-9	2,415	2,551	1,146	806	898	194	94	56	8,160
10-19	8,424	8,671	3,781	2,628	3,091	726	333	116	27,771
20-29	14,641	14,750	7,115	4,489	4,828	1,797	895	285	48,800
30-34	6,802	10,498	5,305	3,125	3,138	914	533	127	30,442
35-39	16,764	13,261	10,213	5,308	4,824	1,203	604	488	52,666
40-49	18,035	9,808	8,760	3,789	2,977	975	752	896	45,991
50-59	999	602	451	254	257	40	65	102	2,771
60-69	401	448	42	266	147	53	39	44	1,439
70-79	757	744	—	770	140	80	40	21	2,552
80 and over	722	307	—	275	166	32	29	87	1,618
<b>Total</b>	<b>69,960</b>	<b>61,641</b>	<b>36,813</b>	<b>21,711</b>	<b>20,465</b>	<b>6,014</b>	<b>3,384</b>	<b>2,222</b>	<b>222,211</b>
<b>Average weekly hours</b>	<b>32.2</b>	<b>30.2</b>	<b>31.7</b>	<b>32.5</b>	<b>30.2</b>	<b>30.0</b>	<b>32.1</b>	<b>38.1</b>	<b>31.4</b>

(continued)



**Table 17 (continued): Employed registered and enrolled nurses: total hours worked and sex, States and Territories, 1997**

Hours worked	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
	(per cent—males)								
1–9	1.7	1.9	1.3	1.4	1.2	1.5	—	1.6	1.6
10–19	5.6	2.4	2.1	2.3	2.6	1.1	5.2	1.5	3.5
20–29	7.0	7.5	5.1	5.3	7.0	11.5	7.2	2.2	6.7
30–34	5.7	11.4	8.3	7.1	9.9	13.3	9.6	1.5	8.3
35–39	39.4	40.7	41.2	39.7	47.3	41.9	31.9	36.3	40.8
40–49	33.9	29.7	38.6	31.7	25.2	25.0	44.3	37.4	32.5
50–59	3.0	2.1	3.0	2.3	3.8	1.0	—	9.0	2.8
60–69	0.8	0.8	0.3	1.6	0.7	1.3	—	5.3	0.8
70–79	1.2	2.6	—	6.3	1.3	3.2	—	0.7	1.8
80 and over	1.6	0.9	—	2.2	0.9	0.3	1.7	4.5	1.1
<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>
	(per cent—females)								
1–9	3.6	4.3	3.3	3.9	4.7	3.3	2.9	2.6	3.8
10–19	12.6	14.9	11.0	12.8	16.3	12.9	10.1	5.6	13.2
20–29	22.2	25.1	20.6	21.8	25.2	31.3	27.3	13.9	23.2
30–34	10.1	17.4	14.9	14.9	15.9	15.4	16.0	6.1	14.1
35–39	22.5	20.1	26.6	23.4	21.3	18.3	17.2	20.5	22.3
40–49	25.0	14.9	22.5	16.4	13.5	15.5	21.2	40.6	19.7
50–59	1.3	0.9	1.1	1.1	1.0	0.6	2.0	4.1	1.1
60–69	0.5	0.7	0.1	1.2	0.7	0.9	1.2	1.6	0.6
70–79	1.1	1.1	—	3.4	0.6	1.2	1.2	1.0	1.1
80 and over	1.0	0.5	—	1.2	0.8	0.5	0.8	3.9	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>
	(per cent—persons)								
1–9	3.5	4.1	3.1	3.7	4.4	3.2	2.8	2.5	3.7
10–19	12.0	14.1	10.3	12.1	15.1	12.1	9.9	5.2	12.5
20–29	20.9	23.9	19.3	20.7	23.6	29.9	26.4	12.8	22.0
30–34	9.7	17.0	14.4	14.4	15.3	15.2	15.8	5.7	13.7
35–39	24.0	21.5	27.7	24.4	23.6	20.0	17.9	22.0	23.7
40–49	25.8	15.9	23.8	17.5	14.5	16.2	22.2	40.3	20.7
50–59	1.4	1.0	1.2	1.2	1.3	0.7	1.9	4.6	1.2
60–69	0.6	0.7	0.1	1.2	0.7	0.9	1.1	2.0	0.6
70–79	1.1	1.2	—	3.5	0.7	1.3	1.2	1.0	1.1
80 and over	1.0	0.5	—	1.3	0.8	0.5	0.9	3.9	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>
	(per cent working part-time hours)								
Males	20.0	23.3	16.9	16.2	20.7	27.4	22.0	6.8	20.1
Females	48.5	61.8	49.7	53.3	62.0	62.9	56.4	28.3	54.5
Persons	46.1	59.2	47.1	50.9	58.4	60.4	54.8	26.3	51.8

Source: AIHW survey.

**Table 18: Employed nurses: type of nurse, country of initial qualification, States and Territories 1997**

<b>Country of initial qualification</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>WA</b>	<b>SA</b>	<b>Tas</b>	<b>ACT</b>	<b>NT</b>	<b>Australia</b>
<b>Registered nurses</b>									
Australia	49,242	40,367	26,937	13,074	15,212	4,616	2,585	1,599	153,632
New Zealand	841	604	915	583	45	50	45	63	3,147
Other Oceania	103	—	25	—	2	—	—	—	130
UK/Ireland	3,949	3,482	1,801	3,014	263	252	171	159	13,091
Other Europe	459	464	171	130	52	21	13	15	1,325
Middle East/North Africa	102	—	8	—	5	—	—	1	117
Asia	1,903	1,115	174	334	23	6	37	19	3,610
Nth America	235	—	146	—	20	—	—	15	416
Central/Sth America	45	—	3	—	2	—	—	1	52
West/East Africa	38	—	31	—	4	—	—	7	80
South Africa	215	—	114	—	5	—	—	3	338
<b>Total</b>	<b>57,133</b>	<b>46,032</b>	<b>30,325</b>	<b>17,135</b>	<b>15,634</b>	<b>4,945</b>	<b>2,851</b>	<b>1,882</b>	<b>175,937</b>
<b>Enrolled nurses</b>									
Australia	11,957	14,722	5,981	4,097	4,789	1,045	505	313	43,409
New Zealand	262	166	277	155	5	6	8	13	893
Other Oceania	28	—	14	—	—	—	—	—	42
UK/Ireland	326	488	179	297	22	11	8	15	1,345
Other Europe	64	119	21	9	9	6	—	—	228
Middle East/North Africa	14	—	—	—	—	—	—	—	14
Asia	125	114	9	19	—	—	12	—	279
Nth America	12	—	6	—	4	—	—	—	21
Central/Sth America	28	—	—	—	2	—	—	—	30
West/East Africa	4	—	—	—	—	—	—	—	4
South Africa	8	—	1	—	—	—	—	—	9
<b>Total</b>	<b>12,827</b>	<b>15,609</b>	<b>6,488</b>	<b>4,576</b>	<b>4,831</b>	<b>1,069</b>	<b>533</b>	<b>341</b>	<b>46,274</b>
<b>Total</b>									
Australia	61,200	55,089	32,919	17,171	20,001	5,661	3,089	1,910	197,041
New Zealand	1,103	770	1,193	738	51	57	53	76	4,040
Other Oceania	131	—	39	—	2	—	—	—	172
UK/Ireland	4,274	3,970	1,980	3,311	285	263	179	174	14,436
Other Europe	522	584	191	138	61	27	13	15	1,553
Middle East/North Africa	116	—	8	—	5	—	—	1	131
Asia	2,028	1,229	183	352	23	6	49	19	3,889
Nth America	247	—	152	—	23	—	—	15	437
Central/Sth America	73	—	3	—	4	—	—	1	81
West/East Africa	42	—	31	—	4	—	—	7	84
South Africa	223	—	115	—	5	—	—	3	347
<b>Total</b>	<b>69,960</b>	<b>61,641</b>	<b>36,813</b>	<b>21,711</b>	<b>20,465</b>	<b>6,014</b>	<b>3,384</b>	<b>2,223</b>	<b>222,211</b>

Source: AIHW survey.

**Table 19: Employed nurses: type of nurse, country of birth, selected States and Territories, 1997**

Country of birth	Vic	Qld	WA	Tas	ACT	Total
<b>Registered nurses</b>						
Australia	36,715	24,138	11,063	4,147	2,304	78,367
New Zealand	756	1,184	707	80	60	2,786
Other Oceania	—	315	—	—	—	315
UK/Ireland	4,030	2,709	3,845	550	287	11,421
Other Europe	1,320	625	385	103	71	2,505
Middle East/North Africa	—	34	—	—	—	34
Asia	3,211	754	1,135	65	129	5,293
North America	—	237	—	—	—	237
Central/South America	—	43	—	—	—	43
West East Africa	—	141	—	—	—	141
South Africa	—	144	—	—	—	144
<b>Total</b>	<b>46,032</b>	<b>30,325</b>	<b>17,135</b>	<b>4,945</b>	<b>2,851</b>	<b>101,288</b>
<b>Enrolled nurses</b>						
Australia	13,077	5,242	3,364	976	410	23,096
New Zealand	273	352	193	11	17	878
Other Oceania	—	56	—	—	—	68
UK/Ireland	1,199	538	756	62	63	2,564
Other Europe	604	153	120	15	21	904
Middle East/North Africa	—	—	—	—	—	—
Asia	457	106	144	5	21	715
North America	—	15	—	—	—	18
Central/South America	—	6	—	—	—	8
West East Africa	—	17	—	—	—	21
South Africa	—	2	—	—	—	3
<b>Total</b>	<b>15,609</b>	<b>6,488</b>	<b>4,576</b>	<b>1,069</b>	<b>533</b>	<b>28,275</b>
<b>Total</b>						
Australia	49,792	29,380	14,427	5,123	2,714	101,464
New Zealand	1,028	1,536	899	92	77	3,665
Other Oceania	—	371	—	—	—	383
UK/Ireland	5,229	3,246	4,601	612	351	13,985
Other Europe	1,924	779	505	118	92	3,410
Middle East/North Africa	—	34	—	—	—	34
Asia	3,668	860	1,278	69	150	6,008
North America	—	252	—	—	—	255
Central/South America	—	50	—	—	—	51
West East Africa	—	158	—	—	—	162
South Africa	—	146	—	—	—	147
<b>Total</b>	<b>61,641</b>	<b>36,813</b>	<b>21,711</b>	<b>6,014</b>	<b>3,384</b>	<b>129,563</b>

(continued)

**Table 19 (continued): Employed nurses: type of nurse, country of birth, selected States and Territories, 1997**

Country of birth	Vic	Qld	WA	Tas	ACT	Total
<b>(per cent—registered nurses)</b>						
Australia	79.8	79.6	64.6	83.9	80.8	77.4
New Zealand	1.6	3.9	4.1	1.6	2.1	2.8
Other Oceania	—	1.0	—	—	—	0.3
UK/Ireland	8.8	8.9	22.4	11.1	10.1	11.3
Other Europe	2.9	2.1	2.2	2.1	2.5	2.5
Middle East/North Africa	—	0.1	—	—	—	—
Asia	7.0	2.5	6.6	1.3	4.5	5.2
North America	—	0.8	—	—	—	0.2
Central/South America	—	0.1	—	—	—	—
West East Africa	—	0.5	—	—	—	0.1
South Africa	—	0.5	—	—	—	0.1
<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>(per cent—enrolled nurses)</b>						
Australia	83.8	80.8	73.5	91.3	77.0	81.7
New Zealand	1.7	5.4	4.2	1.1	3.2	3.1
Other Oceania	—	0.9	—	—	—	0.2
UK/Ireland	7.7	8.3	16.5	5.8	11.9	9.1
Other Europe	3.9	2.4	2.6	1.4	4.0	3.2
Middle East/North Africa	—	—	—	—	—	—
Asia	2.9	1.6	3.1	0.5	4.0	2.5
North America	—	0.2	—	—	—	0.1
Central/South America	—	0.1	—	—	—	—
West East Africa	—	0.3	—	—	—	0.1
South Africa	—	—	—	—	—	—
<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>(per cent— total)</b>						
Australia	80.8	79.8	66.5	85.2	80.2	78.3
New Zealand	1.7	4.2	4.1	1.5	2.3	2.8
Other Oceania	—	1.0	—	—	—	0.3
UK/Ireland	8.5	8.8	21.2	10.2	10.4	10.8
Other Europe	3.1	2.1	2.3	2.0	2.7	2.6
Middle East/North Africa	—	0.1	—	—	—	—
Asia	6.0	2.3	5.9	1.2	4.4	4.6
North America	—	0.7	—	—	—	0.2
Central/South America	—	0.1	—	—	—	—
West East Africa	—	0.4	—	—	—	0.1
South Africa	—	0.4	—	—	—	0.1
<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>

Note: NSW, SA and NT data are not included because of no responses.

Source: AIHW survey.

**Table 20: Employed nurses: type of nurse, citizenship, States and Territories, 1997**

<b>Citizenship</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>WA</b>	<b>SA</b>	<b>Tas</b>	<b>ACT</b>	<b>NT</b>	<b>Australia</b>
<b>Registered nurses</b>									
Australian citizen	53,340	43,090	28,535	15,365	n.a.	4,664	2,711	1,757	149,462
Non-Australian citizen	3,793	2,942	1,790	1,770	n.a.	281	140	125	10,841
<b>Total</b>	<b>57,133</b>	<b>46,032</b>	<b>30,325</b>	<b>17,135</b>	<b>n.a.</b>	<b>4,945</b>	<b>2,851</b>	<b>1,882</b>	<b>160,303</b>
<b>Enrolled nurses</b>									
Australian citizen	12,141	14,802	6,048	4,200	n.a.	1,027	508	315	39,041
Non-Australian citizen	686	807	440	376	n.a.	42	25	26	2,402
<b>Total</b>	<b>12,827</b>	<b>15,609</b>	<b>6,488</b>	<b>4,576</b>	<b>n.a.</b>	<b>1,069</b>	<b>533</b>	<b>341</b>	<b>41,443</b>
<b>Registered and enrolled nurses</b>									
Australian citizen	65,481	57,892	34,584	19,564	n.a.	5,691	3,219	2,072	188,503
Non-Australian citizen	4,479	3,749	2,229	2,147	n.a.	323	165	151	13,243
<b>Total</b>	<b>69,960</b>	<b>61,641</b>	<b>36,813</b>	<b>21,711</b>	<b>n.a.</b>	<b>6,014</b>	<b>3,384</b>	<b>2,223</b>	<b>201,746</b>
<b>(per cent)</b>									
Australian citizen	93.6	93.9	93.9	90.1	n.a.	94.6	95.1	93.2	93.4
Non-Australian citizen	6.4	6.1	6.1	9.9	n.a.	5.4	4.9	6.8	6.6
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</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>

Source: AIHW survey.

**Table 21: Registered nurses: professional employment status, occupation, States and Territories, 1997**

<b>Professional employment status/occupation</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>WA</b>	<b>SA</b>	<b>Tas</b>	<b>ACT</b>	<b>NT</b>	<b>Australia</b>
Employed in nursing only or mainly in this State									
Clinician	45,116	38,885	28,148	15,317	13,522	4,267	2,322	1,629	149,206
Clinical nurse manager <sup>(a)</sup>	2,393	2,400	n.a.	n.a.	n.a.	228	161	n.a.	5,182
Administrator	5,360	2,670	1,255	794	794	214	132	120	11,339
Teacher/educator	2,127	1,059	568	432	360	82	94	74	4,797
Researcher	474	255	123	136	102	19	8	12	1,129
Other	1,663	762	232	456	857	134	134	45	4,283
<i>Total employed in nursing<sup>(b)</sup></i>	<i>57,133</i>	<i>46,032</i>	<i>30,325</i>	<i>17,135</i>	<i>15,634</i>	<i>4,945</i>	<i>2,851</i>	<i>1,882</i>	<i>175,937</i>
On extended leave	698	973	n.a.	217	412	99	60	84	2,544
Looking for work in nursing									
Employed elsewhere	764	296	164	87	60	16	10	34	1,430
Not employed	1,288	753	541	234	179	54	42	59	3,149
<i>Total</i>	<i>2,052</i>	<i>1,048</i>	<i>705</i>	<i>320</i>	<i>239</i>	<i>69</i>	<i>52</i>	<i>93</i>	<i>4,579</i>
<i>Nursing labour force</i>	<i>59,882</i>	<i>48,054</i>	<i>31,031</i>	<i>17,673</i>	<i>16,285</i>	<i>5,113</i>	<i>2,963</i>	<i>2,059</i>	<i>183,060</i>
Overseas	1,780	702	698	395	92	20	42	66	3,796
Not looking for work in nursing									
Employed elsewhere	4,686	634	458	305	154	51	240	133	6,660
Not employed	5,274	1,213	945	548	256	106	198	126	8,667
<i>Total</i>	<i>9,960</i>	<i>1,847</i>	<i>1,403</i>	<i>853</i>	<i>410</i>	<i>156</i>	<i>438</i>	<i>259</i>	<i>15,327</i>
<i>Not in nursing labour force</i>	<i>11,741</i>	<i>2,549</i>	<i>2,102</i>	<i>1,248</i>	<i>502</i>	<i>177</i>	<i>480</i>	<i>325</i>	<i>19,123</i>
<i>Total registered nurses<sup>(d)</sup></i>	<i>71,623</i>	<i>50,602</i>	<i>33,132</i>	<i>18,921</i>	<i>16,787</i>	<i>5,290</i>	<i>3,444</i>	<i>2,384</i>	<i>202,183</i>
Multiple registrations	3,036	1,643	1,146	425	234	85	237	511	7,317
<b>Total registrations</b>	<b>74,659</b>	<b>52,245</b>	<b>34,278</b>	<b>19,346</b>	<b>17,021</b>	<b>5,375</b>	<b>3,681</b>	<b>2,895</b>	<b>209,500</b>
<b>(per cent of employed nurses)</b>									
Employed in nursing									
Clinician	79.0	84.5	92.8	89.4	86.5	86.3	81.4	86.6	84.8
Clinical nurse manager <sup>(a)</sup>	4.2	5.2	n.a.	n.a.	n.a.	4.6	5.6	n.a.	2.9
Administrator	9.4	5.8	4.1	4.6	5.1	4.3	4.6	6.4	6.4
Teacher/educator	3.7	2.3	1.9	2.5	2.3	1.7	3.3	4.0	2.7
Researcher	0.8	0.6	0.4	0.8	0.7	0.4	0.3	0.6	0.6
Other	2.9	1.7	0.8	2.7	5.5	2.7	4.7	2.4	2.4
<b>Total employed in nursing<sup>(b)</sup></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>(per cent of total registered nurses)</b>									
Employed in nursing	79.8	91.0	91.5	90.6	93.1	93.5	82.8	78.9	87.0
On extended leave <sup>(c)</sup>	1.0	1.9	n.a.	1.1	2.5	1.9	1.7	3.5	1.3
Looking for work in nursing	2.9	2.1	2.1	1.7	1.4	1.3	1.5	3.9	2.3
<i>Nursing labour force</i>	<i>83.6</i>	<i>95.0</i>	<i>93.7</i>	<i>93.4</i>	<i>97.0</i>	<i>96.7</i>	<i>86.0</i>	<i>86.4</i>	<i>90.5</i>
Overseas	2.5	1.4	2.1	2.1	0.5	0.4	1.2	2.8	1.9
Not looking for work in nursing	13.9	3.6	4.2	4.5	2.4	3.0	12.7	10.8	7.6
<i>Not in nursing labour force</i>	<i>16.4</i>	<i>5.0</i>	<i>6.3</i>	<i>6.6</i>	<i>3.0</i>	<i>3.3</i>	<i>14.0</i>	<i>13.6</i>	<i>9.5</i>
<b>Total registered nurses</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>

(a) Included with clinicians for Queensland, Western Australia, South Australia and the Northern Territory.

(b) Excludes nurses on extended leave.

(c) Not included as an option on the Queensland survey form.

(d) Excludes multiple registrations.

Source: AIHW.

**Table 22: Employed registered nurses: annual salary range and sex, States and Territories, 1997**

<b>Annual salary range</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>WA</b>	<b>SA</b>	<b>Tas</b>	<b>ACT</b>	<b>NT</b>	<b>Australia</b>
<b>Males</b>									
Nurses employed under a nursing award									
Less than \$28,729	23	539	—	40	2	—	3	—	606
\$28,730–\$41,992	2,848	1,326	1,997	889	1,155	282	72	85	8,653
\$41,993–\$50,471	783	889	270	189	245	48	55	85	2,564
\$50,472–\$58,710	815	206	44	26	56	6	—	5	1,159
\$58,711–\$70,038	102	96	46	24	38	4	—	7	316
\$70,039 or more	32	—	—	—	—	—	—	—	32
Other nurses									
Lecturer—higher education sector	63	74	19	15	30	4	—	2	206
Other	310	119	48	45	—	18	3	2	544
<b>Total</b>	<b>4,976</b>	<b>3,248</b>	<b>2,423</b>	<b>1,227</b>	<b>1,525</b>	<b>362</b>	<b>133</b>	<b>186</b>	<b>14,081</b>
<b>Females</b>									
Nurses employed under a nursing award									
Less than \$28,729	298	948	3	570	5	46	24	13	1,907
\$28,730–\$41,992	34,424	23,575	23,926	13,381	12,258	3,821	1,663	1,129	114,177
\$41,993–\$50,471	7,118	12,326	2,421	1,119	1,139	404	871	430	25,828
\$50,472–\$58,710	5,144	3,324	398	116	182	57	49	29	9,300
\$58,711–\$70,038	780	1,328	512	290	300	57	19	34	3,322
\$70,039 or more	311	—	—	—	—	35	16	—	362
Other nurses									
Lecturer—higher education sector	304	430	193	128	133	24	27	17	1,256
Other	3,777	853	449	303	91	138	49	44	5,704
<b>Total</b>	<b>52,156</b>	<b>42,783</b>	<b>27,903</b>	<b>15,908</b>	<b>14,109</b>	<b>4,582</b>	<b>2,718</b>	<b>1,696</b>	<b>161,856</b>
<b>Persons</b>									
Nurses employed under a nursing award									
Less than \$28,729	321	1,487	3	610	7	46	27	13	2,514
\$28,730–\$41,992	37,271	24,901	25,923	14,270	13,413	4,103	1,735	1,214	122,830
\$41,993–\$50,471	7,901	13,215	2,691	1,308	1,384	451	926	514	28,391
\$50,472–\$58,710	5,960	3,530	442	142	238	63	49	35	10,459
\$58,711–\$70,038	882	1,424	558	314	338	62	19	41	3,638
\$70,039 or more	343	—	—	—	—	35	16	—	394
Other nurses									
Lecturer—higher education sector	367	504	212	143	163	28	27	18	1,462
Other	4,087	972	497	348	91	156	51	46	6,248
<b>Total</b>	<b>57,133</b>	<b>46,032</b>	<b>30,325</b>	<b>17,135</b>	<b>15,634</b>	<b>4,945</b>	<b>2,851</b>	<b>1,882</b>	<b>175,937</b>

(continued)

**Table 22 (continued): Employed registered nurses: annual salary range and sex, States and Territories, 1997**

Annual salary range	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
(per cent— males)									
Nurses employed under a nursing award									
Less than \$28,729	0.5	16.6	—	3.2	0.1	—	2.1	—	4.3
\$28,730–\$41,992	57.2	40.8	82.4	72.4	75.7	77.8	54.1	45.8	61.5
\$41,993–\$50,471	15.7	27.4	11.1	15.4	16.1	13.1	41.7	45.8	18.2
\$50,472–\$58,710	16.4	6.3	1.8	2.1	3.7	1.6	—	2.8	8.2
\$58,711–\$70,038	2.1	2.9	1.9	1.9	2.5	1.2	—	3.7	2.2
\$70,039 or more	0.6	—	—	—	—	—	—	—	0.2
Other nurses									
Lecturer— higher education	1.3	2.3	0.8	1.2	2.0	1.2	—	0.9	1.5
Other	6.2	3.7	2.0	3.7	—	4.9	2.1	0.9	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>100.0</b>	<b>100.0</b>
(per cent— females)									
Nurses employed under a nursing award									
Less than \$28,729	0.6	2.2	0.0	3.6	0.0	1.0	0.9	0.8	1.2
\$28,730–\$41,992	66.0	55.1	85.7	84.1	86.9	83.4	61.2	66.6	70.5
\$41,993–\$50,471	13.6	28.8	8.7	7.0	8.1	8.8	32.0	25.3	16.0
\$50,472–\$58,710	9.9	7.8	1.4	0.7	1.3	1.3	1.8	1.7	5.7
\$58,711–\$70,038	1.5	3.1	1.8	1.8	2.1	1.2	0.7	2.0	2.1
\$70,039 or more	0.6	—	—	—	—	0.8	0.6	—	0.2
Other nurses									
Lecturer— higher education	0.6	1.0	0.7	0.8	0.9	0.5	1.0	1.0	0.8
Other	7.2	2.0	1.6	1.9	0.6	3.0	1.8	2.6	3.5
<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>
(per cent— persons)									
Nurses employed under a nursing award									
Less than \$28,729	0.6	3.2	0.0	3.6	0.0	0.9	1.0	0.7	1.4
\$28,730–\$41,992	65.2	54.1	85.5	83.3	85.8	83.0	60.9	64.5	69.8
\$41,993–\$50,471	13.8	28.7	8.9	7.6	8.9	9.1	32.5	27.3	16.1
\$50,472–\$58,710	10.4	7.7	1.5	0.8	1.5	1.3	1.7	1.8	5.9
\$58,711–\$70,038	1.5	3.1	1.8	1.8	2.2	1.2	0.7	2.2	2.1
\$70,039 or more	0.6	—	—	—	—	0.7	0.6	—	0.2
Other nurses									
Lecturer—higher education	0.6	1.1	0.7	0.8	1.0	0.6	0.9	1.0	0.8
Other	7.2	2.1	1.6	2.0	0.6	3.2	1.8	2.4	3.6
<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: For Victoria, Queensland, Western Australia, South Australia, Tasmania and the Northern Territory, the higher job classifications spanned several salary ranges. Nurses in these classifications have been enumerated in the salary range appropriate for the majority of nurses in the classifications. Therefore data for the \$50,472–\$58,710, \$58,711–\$70,038 and \$70,039 or more salary ranges should be treated with caution.

Source: AIHW.



**Table 23: Registered nurses employed as clinicians and clinical nurse managers: area of clinical nursing, States and Territories, 1997**

Area of clinical nursing	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia	% of total
<b>Males</b>										
Mixed medical and surgical	105	276	242	136	155	20	5	9	948	8.0
Medical	399	117	151	78	68	28	—	7	847	7.1
Surgical	233	114	165	54	61	14	—	5	646	5.4
Coronary care or surgery	129	63	(a)	(a)	(a)	—	13	(a)	205	1.7
Geriatric/Gerontology	260	213	83	42	93	27	2	4	724	6.1
Oncology	66	37	37	(a)	(a)	3	3	(a)	145	1.2
Perioperative/operating theatre/recovery	240	171	141	56	74	22	11	1	717	6.0
Rehabilitation	74	81	(a)	(a)	(a)	3	—	(a)	158	1.3
Renal	33	25	(a)	(a)	(a)	—	5	(a)	62	0.5
Respiratory medicine/asthma	23	7	(a)	(a)	(a)	—	—	(a)	29	0.2
Critical care/intensive care	384	250	242	63	155	20	11	5	1,129	9.5
Casualty accident/emergency	248	130	146	67	74	9	12	17	706	6.0
Midwifery	40	25	25	16	15	5	6	5	138	1.2
Mental health/psychiatric	1,208	847	709	379	370	91	35	25	3,663	30.9
Community nursing	67	79	49	27	61	14	2	35	334	2.8
Developmental disability	330	107	3	3	64	19	—	—	527	4.4
Occupational health	3	30	15	12	22	—	2	3	87	0.7
Paediatric	22	30	36	25	14	5	6	—	138	1.2
Aboriginal health	1	1	(a)	(a)	(a)	—	—	(a)	3	0.0
Child and family health	6	3	1	3	7	1	—	2	23	0.2
School children's health	—	1	1	6	2	—	—	—	11	0.1
No one principal area	24	27	42	21	2	8	2	21	148	1.3
Other	66	132	126	61	25	23	12	20	466	3.9
<b>Total</b>	<b>3,962</b>	<b>2,766</b>	<b>2,213</b>	<b>1,052</b>	<b>1,262</b>	<b>314</b>	<b>128</b>	<b>158</b>	<b>11,854</b>	<b>100.0</b>
<b>Females</b>										
Mixed medical and surgical	2,520	7,463	3,875	3,137	2,507	510	215	135	20,361	14.3
Medical	6,093	1,592	1,793	1,054	662	345	129	50	11,718	8.2
Surgical	4,566	2,494	2,446	1,289	890	342	203	79	12,309	8.6
Coronary care or surgery	1,306	835	(a)	(a)	(a)	—	59	(a)	2,201	1.5
Geriatric/Gerontology	6,443	5,565	3,407	1,526	2,055	686	188	68	19,938	14.0
Oncology	832	836	500	(a)	(a)	63	35	(a)	2,266	1.6
Perioperative/operating theatre/recovery	3,393	3,138	1,918	1,078	921	345	207	79	11,078	7.8
Rehabilitation	844	1,005	(a)	(a)	(a)	50	27	(a)	1,925	1.4
Renal	413	349	(a)	(a)	(a)	—	44	(a)	807	0.6
Respiratory medicine/asthma	308	69	(a)	(a)	(a)	11	3	(a)	391	0.3
Critical care/intensive care	2,901	1,874	1,450	809	676	175	186	61	8,132	5.7
Casualty accident/emergency	1,800	1,268	818	473	316	137	98	87	4,998	3.5
Midwifery	4,119	3,715	2,282	1,162	1,319	417	320	203	13,537	9.5
Mental health/psychiatric	2,444	1,458	1,140	564	581	135	87	39	6,449	4.5
Community nursing	1,490	1,923	1,497	789	754	332	95	192	7,074	5.0
Developmental disability	767	202	86	122	83	39	12	—	1,311	0.9
Occupational health	144	221	186	80	119	8	3	11	772	0.5
Paediatric	743	906	915	470	364	107	82	101	3,688	2.6
Aboriginal health	33	9	(a)	(a)	(a)	—	—	(a)	42	0.0
Child and family health	693	833	423	192	235	129	66	25	2,597	1.8
School children's health	122	152	113	170	26	—	12	24	618	0.4
No one principal area	429	635	607	279	36	86	20	119	2,212	1.6
Other	1,145	1,976	2,478	1,069	717	264	264	199	8,112	5.7
<b>Total</b>	<b>43,547</b>	<b>38,520</b>	<b>25,935</b>	<b>14,266</b>	<b>12,260</b>	<b>4,181</b>	<b>2,355</b>	<b>1,471</b>	<b>142,534</b>	<b>100.0</b>

(continued)

**Table 23 (continued): Registered nurses employed as clinicians and clinical nurse managers: area of clinical nursing, States and Territories, 1997**

Area of clinical nursing	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia	% of total
	<b>Persons</b>									
Mixed medical and surgical	2,625	7,739	4,117	3,273	2,662	530	220	143	21,309	13.8
Medical	6,491	1,709	1,944	1,133	730	373	129	57	12,565	8.1
Surgical	4,799	2,608	2,611	1,344	952	356	203	83	12,955	8.4
Coronary care or surgery	1,436	899	(a)	(a)	(a)	—	72	(a)	2,406	1.6
Geriatric/Gerontology	6,703	5,778	3,490	1,568	2,148	713	190	72	20,661	13.4
Oncology	898	873	537	(a)	(a)	66	38	(a)	2,412	1.6
Perioperative/operating theatre/recovery	3,633	3,309	2,059	1,134	995	367	218	80	11,795	7.6
Rehabilitation	918	1,086	(a)	(a)	(a)	52	27	(a)	2,083	1.3
Renal	446	374	(a)	(a)	(a)	—	49	(a)	869	0.6
Respiratory medicine/asthma	330	76	(a)	(a)	(a)	11	3	(a)	420	0.3
Critical care/intensive care	3,285	2,124	1,692	873	831	195	196	66	9,261	6.0
Casualty accident/emergency	2,048	1,399	964	541	390	146	111	105	5,704	3.7
Midwifery	4,159	3,740	2,307	1,179	1,334	422	325	208	13,675	8.9
Mental health/psychiatric	3,652	2,306	1,850	943	950	226	122	64	10,112	6.5
Community nursing	1,558	2,003	1,546	816	815	346	98	227	7,408	4.8
Developmental disability	1,097	309	90	125	147	58	12	—	1,838	1.2
Occupational health	147	251	201	92	141	8	5	14	859	0.6
Paediatric	765	936	951	495	378	112	88	101	3,826	2.5
Aboriginal health	35	10	(a)	(a)	(a)	—	—	(a)	44	0.0
Child and family health	699	836	424	195	242	131	66	27	2,620	1.7
School children's health	122	153	114	176	28	—	12	24	628	0.4
No one principal area	453	662	649	301	38	95	23	140	2,360	1.5
Other	1,211	2,107	2,603	1,131	742	288	276	220	8,578	5.6
<b>Total</b>	<b>47,509</b>	<b>41,285</b>	<b>28,148</b>	<b>15,317</b>	<b>13,522</b>	<b>4,495</b>	<b>2,483</b>	<b>1,629</b>	<b>154,388</b>	<b>100.0</b>

(a) Some States used different classifications for area of clinical nursing and therefore some areas were not able to be separately identified.

Source: AIHW.

**Table 24: Registered nurses employed as clinicians and clinical nurse managers: area of clinical nursing and total hours worked per week, Australia, 1997**

Area of clinical nursing	Hours worked per week							Total
	1-9	10-19	20-29	30-34	35-39	40-49	50+	
Mixed medical and surgical	991	3,105	4,950	3,562	4,309	3,639	753	21,308
Medical	401	1,363	2,749	1,523	3,094	3,020	415	12,565
Surgical	285	1,396	2,549	1,727	3,311	3,195	491	12,955
Coronary care or surgery	63	252	423	329	549	670	120	2,406
Geriatric/Gerontology	835	3,754	6,285	3,621	3,235	2,352	579	20,661
Oncology	27	188	407	382	620	716	72	2,412
Perioperative/operating theatre/recovery	335	1,195	2,148	1,643	3,108	2,938	427	11,795
Rehabilitation	40	206	519	359	479	406	75	2,083
Renal	18	90	157	102	241	228	34	869
Respiratory medicine/asthma	5	43	85	40	98	137	13	420
Critical care/intensive care	235	819	1,728	1,419	2,368	2,234	458	9,261
Casualty accident/emergency	138	547	1,109	782	1,418	1,435	277	5,704
Midwifery	596	2,240	3,783	1,907	2,675	2,209	320	13,729
Mental health/psychiatric	132	523	1,014	760	3,580	2,826	453	9,289
Community nursing	442	1,110	1,817	754	1,924	1,919	210	8,176
Developmental disability	25	175	279	142	759	374	83	1,838
Occupational health	33	81	113	67	217	291	56	859
Paediatric	112	442	823	547	1,047	716	139	3,826
Aboriginal health	2	2	8	5	12	14	3	44
Child and family health	157	366	512	307	769	465	43	2,620
School children's health	22	73	126	66	228	93	20	628
No one principal area	169	335	537	328	387	503	102	2,360
Other	390	1,133	1,983	1,133	1,932	1,723	284	8,578
<b>Total</b>	<b>5,452</b>	<b>19,437</b>	<b>34,104</b>	<b>21,505</b>	<b>36,360</b>	<b>32,103</b>	<b>5,427</b>	<b>154,388</b>
Per cent of total	3.5	12.6	22.1	13.9	23.6	20.8	3.5	100.0

Source: AIHW.

**Table 25: Employed registered nurses: age and sex, States and Territories, 1997**

Age (years)	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
<b>Males</b>									
Under 25	226	151	190	49	53	9	6	3	688
25–29	610	464	477	132	166	22	13	30	1,914
30–34	595	554	353	159	236	47	6	24	1,974
35–39	955	648	406	238	317	71	22	37	2,693
40–44	1,192	659	429	247	368	85	37	49	3,065
45–49	792	415	291	166	183	65	30	22	1,965
50–54	345	215	160	115	114	31	9	12	1,000
55–59	172	88	63	80	52	23	3	7	489
60–64	62	45	47	33	23	6	6	1	224
65 and over	27	10	7	8	13	3	—	—	68
<b>Total</b>	<b>4,976</b>	<b>3,248</b>	<b>2,423</b>	<b>1,227</b>	<b>1,525</b>	<b>362</b>	<b>133</b>	<b>185</b>	<b>14,081</b>
Average age	39.3	38.3	37.6	40.7	40.0	41.3	41.7	38.6	38.9
<b>Females</b>									
Under 25	2,307	2,465	1,803	648	686	154	91	63	8,218
25–29	5,283	5,500	3,660	1,748	1,519	359	192	229	18,489
30–34	5,838	5,613	3,877	2,065	1,731	608	273	277	20,283
35–39	9,679	7,048	4,660	2,683	2,721	838	523	311	28,463
40–44	10,368	7,479	4,135	2,771	2,679	910	576	297	29,214
45–49	7,690	6,191	3,820	2,428	2,108	715	482	220	23,653
50–54	5,761	4,457	3,060	1,847	1,427	572	351	172	17,648
55–59	3,319	2,761	1,901	1,207	815	330	176	86	10,595
60–64	1,353	1,020	768	399	330	79	44	28	4,021
65 and over	559	249	219	114	93	17	11	12	1,274
<b>Total</b>	<b>52,156</b>	<b>42,783</b>	<b>27,903</b>	<b>15,908</b>	<b>14,109</b>	<b>4,582</b>	<b>2,718</b>	<b>1,696</b>	<b>161,856</b>
Average age	41.1	40.1	40.2	41.1	40.4	41.5	42.0	39.5	40.6
<b>Persons</b>									
Under 25	2,533	2,616	1,993	697	739	163	97	66	8,906
25–29	5,893	5,963	4,137	1,880	1,684	381	205	258	20,402
30–34	6,433	6,167	4,231	2,224	1,967	654	279	302	22,257
35–39	10,634	7,696	5,067	2,920	3,038	909	545	348	31,156
40–44	11,560	8,138	4,563	3,018	3,047	994	613	347	32,279
45–49	8,482	6,606	4,111	2,594	2,291	780	512	242	25,618
50–54	6,106	4,672	3,220	1,962	1,541	603	360	184	18,648
55–59	3,491	2,849	1,964	1,287	867	354	179	93	11,084
60–64	1,415	1,065	815	432	354	85	50	29	4,245
65 and over	586	259	226	122	106	20	11	12	1,342
<b>Total</b>	<b>57,133</b>	<b>46,032</b>	<b>30,326</b>	<b>17,136</b>	<b>15,634</b>	<b>4,945</b>	<b>2,851</b>	<b>1,881</b>	<b>175,937</b>
Average age	40.9	40.0	40.0	41.1	40.4	41.5	42.0	39.5	40.5

Source: AIHW.

**Table 26: Employed registered nurses: total hours worked per week and sex, States and Territories, 1997**

Hours worked	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
<b>Males</b>									
1-9	77	42	29	16	18	2	—	2	186
10-19	253	57	36	28	34	3	8	3	422
20-29	314	224	111	52	90	39	10	5	845
30-34	260	332	183	66	138	47	11	3	1,040
35-39	2,037	1,386	1,010	514	757	156	37	69	5,966
40-49	1,720	997	969	398	376	92	64	66	4,682
50-59	141	65	77	28	63	4	—	17	395
60-69	46	24	8	17	11	5	—	9	120
70-79	59	94	—	79	24	13	—	2	271
80 and over	69	27	—	29	16	1	3	9	154
<i>Total</i>	<i>4,976</i>	<i>3,248</i>	<i>2,423</i>	<i>1,227</i>	<i>1,527</i>	<i>362</i>	<i>133</i>	<i>185</i>	<i>14,081</i>
Average weekly hours	37.6	38.2	37.6	40.8	38.2	38.0	37.2	42.6	38.1
<b>Females</b>									
1-9	1,866	1,704	893	599	631	152	55	41	5,942
10-19	6,653	6,037	2,968	1,983	2,206	562	281	83	20,772
20-29	11,443	10,070	5,553	3,306	3,321	1,414	764	210	36,080
30-34	5,077	7,469	4,055	2,263	2,074	668	426	96	22,128
35-39	12,136	9,175	7,554	3,947	3,297	891	480	344	37,825
40-49	13,005	6,888	6,515	2,637	2,112	742	573	738	33,209
50-59	672	357	337	172	159	29	52	77	1,853
60-69	272	339	29	190	103	36	30	24	1,023
70-79	550	523	—	608	97	58	35	17	1,889
80 and over	482	223	—	203	108	30	22	68	1,136
<i>Total</i>	<i>52,156</i>	<i>42,783</i>	<i>27,903</i>	<i>15,908</i>	<i>14,109</i>	<i>4,582</i>	<i>2,718</i>	<i>1,696</i>	<i>161,856</i>
Average weekly hours	31.7	30.3	31.5	32.4	30.1	29.8	32.0	38.2	31.3
<b>Persons</b>									
1-9	1,943	1,747	922	615	649	154	55	42	6,127
10-19	6,907	6,095	3,004	2,010	2,240	565	289	86	21,194
20-29	11,756	10,294	5,664	3,358	3,410	1,453	775	215	36,925
30-34	5,337	7,801	4,237	2,329	2,212	715	437	99	23,168
35-39	14,173	10,561	8,564	4,461	4,055	1,047	518	413	43,791
40-49	14,725	7,884	7,484	3,035	2,489	833	637	804	37,891
50-59	814	422	414	200	221	33	52	94	2,248
60-69	319	363	36	208	113	41	30	33	1,143
70-79	609	617	—	687	121	72	35	18	2,160
80 and over	550	250	—	232	124	32	24	77	1,290
<b>Total</b>	<b>57,133</b>	<b>46,032</b>	<b>30,326</b>	<b>17,136</b>	<b>15,634</b>	<b>4,945</b>	<b>2,851</b>	<b>1,881</b>	<b>175,937</b>
Average weekly hours	32.2	30.9	32.0	33.0	30.8	30.4	32.2	38.6	31.8

(continued)

Table 26 (continued): Employed registered nurses: total hours worked per week and sex, States and Territories, 1997

Hours worked	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
(per cent—males)									
1–9	1.5	1.3	1.2	1.3	1.2	0.4	—	0.8	1.3
10–19	5.1	1.8	1.5	2.3	2.2	0.8	6.0	1.7	3.0
20–29	6.3	6.9	4.6	4.3	5.9	10.7	8.1	2.5	6.0
30–34	5.2	10.2	7.5	5.4	9.0	12.9	8.0	1.7	7.4
35–39	40.9	42.7	41.7	41.9	49.7	43.0	28.0	37.3	42.4
40–49	34.6	30.7	40.0	32.4	24.7	25.3	48.0	35.6	33.3
50–59	2.8	2.0	3.2	2.3	4.1	1.1	—	9.3	2.8
60–69	0.9	0.8	0.3	1.4	0.7	1.5	—	5.1	0.9
70–79	1.2	2.9	—	6.5	1.6	3.8	—	0.8	1.9
80 and over	1.4	0.8	—	2.3	1.0	0.4	2.0	5.1	1.1
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
(per cent—females)									
1–9	3.6	4.0	3.2	3.8	4.5	3.3	2.0	2.4	3.7
10–19	12.8	14.1	10.6	12.5	15.6	12.3	10.3	4.9	12.8
20–29	21.9	23.5	19.9	20.8	23.5	30.9	28.1	12.4	22.3
30–34	9.7	17.5	14.5	14.2	14.7	14.6	15.7	5.7	13.7
35–39	23.3	21.4	27.1	24.8	23.4	19.4	17.7	20.3	23.4
40–49	24.9	16.1	23.3	16.6	15.0	16.2	21.1	43.5	20.5
50–59	1.3	0.8	1.2	1.1	1.1	0.6	1.9	4.5	1.1
60–69	0.5	0.8	0.1	1.2	0.7	0.8	1.1	1.4	0.6
70–79	1.1	1.2	—	3.8	0.7	1.3	1.3	1.0	1.2
80 and over	0.9	0.5	—	1.3	0.8	0.7	0.8	4.0	0.7
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
(per cent—persons)									
1–9	3.4	3.8	3.0	3.6	4.2	3.1	1.9	2.2	3.5
10–19	12.1	13.2	9.9	11.7	14.3	11.4	9.9	4.6	12.0
20–29	20.6	22.4	18.7	19.6	21.8	29.4	27.4	11.4	21.0
30–34	9.3	16.9	14.0	13.6	14.1	14.5	15.0	5.3	13.2
35–39	24.8	22.9	28.2	26.0	25.9	21.2	18.3	21.9	24.9
40–49	25.8	17.1	24.7	17.7	15.9	16.9	22.5	42.8	21.5
50–59	1.4	0.9	1.4	1.2	1.4	0.7	1.8	5.0	1.3
60–69	0.6	0.8	0.1	1.2	0.7	0.8	1.1	1.8	0.6
70–79	1.1	1.3	—	4.0	0.8	1.5	1.3	1.0	1.2
80 and over	1.0	0.5	—	1.4	0.8	0.6	0.9	4.1	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>
(per cent working part-time hours)									
Males	18.2	20.2	14.8	13.2	18.3	24.9	22.1	6.8	17.7
Females	48.0	59.1	48.3	51.2	58.3	61.0	56.1	25.3	52.5
Persons	45.4	56.3	45.6	48.5	54.4	58.4	54.2	23.5	49.7

Source: AIHW.

**Table 27: Employed registered nurses: work setting of main job, sector, States and Territories, 1997**

Work setting	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
<b>Public sector</b>									
Acute care hospital	29,688	22,119	14,286	8,932	7,384	2,050	1,460	930	86,850
Day procedure centre	290	255	—	113	99	35	14	24	830
Aged accommodation	n.a.	274	n.a.	47	43	37	11	—	412
Nursing home	3,572	2,899	1,798	536	562	193	54	34	9,648
Hospice	165	244	n.a.	105	54	19	50	13	650
Community health centres	4,968	2,808	789	753	688	482	219	344	11,051
Aboriginal health service	n.a.	22	n.a.	n.a.	n.a.	3	5	n.a.	30
Mental health service	n.a.	771	n.a.	n.a.	n.a.	67	49	n.a.	887
Development disability service	1,434	470	67	72	173	38	11	2	2,268
Defence forces	90	67	56	6	10	—	27	7	264
School	133	135	n.a.	169	8	8	17	36	507
Tertiary education institution	655	633	292	220	237	34	42	34	2,146
Corrective services	285	35	n.a.	69	49	15	6	7	465
Other	1,074	950	2,198	848	299	131	41	164	5,706
<b>Total public sector</b>	<b>42,355</b>	<b>31,684</b>	<b>19,487</b>	<b>11,870</b>	<b>9,556</b>	<b>3,112</b>	<b>2,007</b>	<b>1,595</b>	<b>121,714</b>
<b>Private sector</b>									
Acute care hospital	6,524	8,275	5,692	2,593	2,763	978	433	126	27,384
Day procedure centre	358	275	306	170	97	38	45	2	1,291
Aged accommodation	n.a.	174	n.a.	40	133	86	36	3	472
Nursing home	4,341	2,695	2,005	1,077	1,555	455	108	53	12,289
Hospice	7	14	n.a.	78	50	11	3	—	163
Community health centres	303	110	—	—	—	44	12	—	468
Mental health service	n.a.	25	n.a.	n.a.	n.a.	3	—	n.a.	27
Development disability service	57	26	19	28	96	10	8	—	243
Doctor's rooms/medical practice	1,672	1,084	1,200	504	658	101	124	29	5,372
Nursing in private practice	562	387	n.a.	133	154	27	28	5	1,297
Employment agency	n.a.	637	344	98	205	15	9	7	1,316
School	50	38	n.a.	31	28	1	6	5	158
Tertiary education institution	35	12	11	5	—	1	—	2	65
Mining, industry or commercial sector	298	243	508	187	205	19	3	22	1,485
Corrective services	22	12	n.a.	—	—	—	—	—	34
Other	549	343	753	324	85	42	30	32	2,159
<b>Total private sector</b>	<b>14,778</b>	<b>14,348</b>	<b>10,839</b>	<b>5,266</b>	<b>6,078</b>	<b>1,832</b>	<b>844</b>	<b>286</b>	<b>54,223</b>
<b>All sectors</b>									
Acute care hospital	36,212	30,394	19,978	11,525	10,147	3,028	1,894	1,056	114,234
Day procedure centre	648	530	306	283	196	74	58	26	2,121
Aged accommodation	n.a.	448	n.a.	87	176	123	47	3	884
Nursing home	7,913	5,594	3,804	1,613	2,116	648	162	87	21,937
Hospice	172	258	n.a.	183	104	30	52	13	813
Community health centres	5,271	2,918	789	753	688	525	231	344	11,519
Aboriginal health service	n.a.	22	n.a.	n.a.	n.a.	3	5	n.a.	30
Mental health service	n.a.	796	n.a.	n.a.	n.a.	70	49	n.a.	915
Development disability service	1,492	496	86	100	269	48	19	2	2,511
Doctor's rooms/medical practice	1,672	1,084	1,200	504	658	101	124	29	5,372
Nursing in private practice	562	387	n.a.	133	154	27	28	5	1,297
Employment agency	n.a.	637	344	98	205	15	9	7	1,316
Defence forces	90	67	56	6	10	—	27	7	264
School	183	174	n.a.	200	36	10	23	41	665
Tertiary education institution	689	645	303	225	237	36	42	36	2,212
Mining, industry or commercial sector	298	243	508	187	205	19	3	22	1,485
Corrective services	307	47	n.a.	69	49	15	6	7	499
Other	1,623	1,293	2,951	1,172	384	173	72	196	7,865
<b>Total all sectors</b>	<b>57,133</b>	<b>46,032</b>	<b>30,325</b>	<b>17,135</b>	<b>15,634</b>	<b>4,945</b>	<b>2,851</b>	<b>1,882</b>	<b>175,937</b>

Source: AIHW.

**Table 28: Employed registered nurses: average hours worked per week by work setting of main job, sector, States and Territories, 1997**

Work setting	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
<b>Public sector</b>									
Acute care hospital	33.5	32.2	33.4	35.8	32.6	32.5	33.7	38.8	33.3
Day procedure centre	32.0	30.3	—	32.7	32.1	33.8	45.0	37.8	31.9
Aged accommodation	n.a.	31.0	n.a.	29.5	33.1	31.3	19.0	—	30.8
Nursing home	30.6	27.7	29.7	28.7	27.8	27.9	28.2	34.2	29.3
Hospice	34.9	31.1	n.a.	27.5	27.9	28.3	30.1	43.3	31.5
Community health centres	32.8	30.3	36.0	34.8	32.0	29.5	33.6	42.0	32.6
Aboriginal health service	n.a.	31.6	n.a.	n.a.	n.a.	39.0	31.0	n.a.	32.3
Mental health service	n.a.	38.9	n.a.	n.a.	n.a.	40.2	40.6	n.a.	39.1
Development disability service	34.9	38.0	29.9	32.6	39.9	36.7	46.5	5.0	35.6
Defence forces	37.4	38.1	37.3	38.5	29.4	—	32.6	45.0	37.2
School	28.0	31.4	n.a.	34.0	32.0	32.5	29.2	41.4	31.9
Tertiary education institution	32.8	33.7	34.7	32.4	39.7	36.0	34.4	36.4	34.0
Corrective services	37.0	37.0	n.a.	37.2	38.0	41.0	11.0	32.5	36.9
Other	33.4	31.9	32.4	30.7	27.8	32.9	27.2	40.0	32.3
<i>Total public sector</i>	33.2	31.9	33.1	34.8	32.4	32.0	33.5	39.5	33.0
<b>Private sector</b>									
Acute care hospital	30.7	29.6	31.0	30.4	29.1	28.8	31.2	32.2	30.2
Day procedure centre	28.8	27.2	29.9	26.5	26.9	24.9	27.1	40.0	28.3
Aged accommodation	n.a.	31.0	n.a.	32.6	31.5	26.7	34.1	63.0	30.7
Nursing home	30.1	27.9	29.1	28.7	27.3	25.8	30.3	30.0	28.9
Hospice	38.3	25.3	n.a.	29.6	26.0	27.5	20.0	—	28.4
Community health centres	25.9	25.6	—	—	—	29.5	31.3	—	26.3
Mental health service	n.a.	42.4	n.a.	n.a.	n.a.	29.0	—	n.a.	40.8
Development disability service	30.2	33.2	28.4	31.6	36.9	26.9	34.7	—	32.5
Doctor's rooms/medical practice	25.1	25.1	26.3	23.4	24.0	22.8	23.7	29.7	25.1
Nursing in private practice	25.8	25.8	n.a.	28.4	28.1	32.6	24.2	34.0	26.4
Employment agency	n.a.	25.1	27.1	24.3	23.9	29.5	14.3	30.0	25.6
School	34.1	35.8	n.a.	26.5	26.9	40.0	31.0	38.7	32.3
Tertiary education institution	33.8	29.5	26.7	16.0	—	10.0	—	46.0	30.6
Mining, industry or commercial	33.4	34.2	32.2	35.2	33.3	35.0	40.0	36.6	33.3
Corrective services	36.6	45.5	n.a.	—	—	—	—	—	38.8
Other	31.2	32.4	30.0	32.2	24.1	31.7	33.9	41.6	31.0
<i>Total private sector</i>	29.7	28.9	30.1	29.7	29.2	27.7	29.7	36.1	29.5
<b>All sectors</b>									
Acute care hospital	33.0	31.5	32.7	34.6	31.6	31.3	33.1	38.0	32.6
Day procedure centre	30.2	28.7	29.9	29.0	29.5	29.3	30.7	37.9	29.6
Aged accommodation	n.a.	31.0	n.a.	30.9	31.9	28.0	30.5	63.0	30.8
Nursing home	30.3	27.8	29.4	28.7	27.4	26.4	29.6	31.7	29.1
Hospice	35.0	30.8	n.a.	28.4	27.1	28.0	29.6	43.3	31.0
Community health centres	32.4	30.1	36.0	34.8	32.0	29.5	33.5	42.0	32.4
Aboriginal health service	n.a.	31.6	n.a.	n.a.	n.a.	39.0	31.0	n.a.	32.3
Mental health service	n.a.	39.0	n.a.	n.a.	n.a.	39.7	40.6	n.a.	39.1
Development disability service	34.7	37.8	29.6	32.4	38.8	34.6	41.4	5.0	35.3
Doctor's rooms/medical practice	25.1	25.1	26.3	23.4	24.0	22.8	23.7	29.7	25.1
Nursing in private practice	25.8	25.8	n.a.	28.4	28.1	32.6	24.2	34.0	26.4
Employment agency	n.a.	25.1	27.1	24.3	23.9	29.5	14.3	30.0	25.6
Defence forces	37.4	38.1	37.3	38.5	29.4	—	32.6	45.0	37.2
School	29.6	32.5	n.a.	32.8	27.6	33.6	29.7	41.0	32.0
Tertiary education institution	32.8	33.7	34.5	32.1	39.7	34.9	34.4	36.9	33.9
Mining, industry or commercial	33.4	34.2	32.2	35.2	33.3	35.0	40.0	36.6	33.3
Corrective services	37.0	38.9	n.a.	37.2	38.0	41.0	11.0	32.5	37.2
Other	32.7	32.0	31.8	31.1	26.9	32.6	30.1	40.2	31.9
<b>Total all sectors</b>	<b>32.2</b>	<b>30.9</b>	<b>31.9</b>	<b>33.0</b>	<b>30.8</b>	<b>30.4</b>	<b>32.2</b>	<b>38.6</b>	<b>31.8</b>

Source: AIHW.



**Table 29: Employed registered nurses: type of post initial qualification skills held or used, States and Territories, 1997**

Qualification	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Accident and emergency	2,014	834	465	566	242	75	84	81	4,360
Administration or Management	3,997	1,839	822	549	495	129	144	58	8,031
Cardiothoracic	997	450	236	253	113	41	47	12	2,150
Child and family health	2,164	1,524	656	732	325	297	136	81	5,916
Community health centres	1,199	1,396	333	455	368	1	149	68	3,969
Coronary care	1,407	1,333	609	476	435	84	84	24	4,451
Critical care/intensive care	3,127	3,322	806	627	637	260	198	70	9,046
Developmental disability	897	158	39	25	85	37	8	7	1,257
Education	1,803	1,706	578	407	265	126	91	33	5,010
Geriatric/gerontology/aged care	2,875	1,812	577	571	943	180	120	31	7,110
Mental health/psychiatric	3,063	1,431	869	323	832	151	131	56	6,855
Midwifery	14,221	12,026	3,876	3,703	2,238	1,661	982	480	39,186
Neonatal intensive care	1,006	597	317	280	172	61	117	31	2,581
Neurological/neurosurgery	487	214	72	102	10	14	39	7	946
Occupational health	869	506	169	164	182	53	50	18	2,009
Oncology	1,034	951	290	203	137	50	68	10	2,743
Orthopaedic	811	340	135	287	167	41	8	18	1,807
Paediatric	1,246	600	331	452	223	—	89	49	2,990
Paediatric intensive care	236	189	58	38	25	19	5	6	576
Perioperative	1,977	1,856	571	454	472	115	89	47	5,580
Renal	631	376	98	99	133	17	13	43	1,411
Other	8,553	2,684	2,805	805	2,143	129	274	83	17,476
<b>Total</b>	<b>54,614</b>	<b>36,144</b>	<b>14,712</b>	<b>11,571</b>	<b>10,642</b>	<b>3,541</b>	<b>2,926</b>	<b>1,313</b>	<b>135,460</b>

*Note*

For New South Wales, Victoria, Tasmania and the Australian Capital Territory, figures represent all post basic qualifications held by registered nurses. For Queensland, South Australia and the Northern Territory, figures represent post initial qualifications held by registered nurses, where the skills learned have been used for 12 months or more in the previous 5 years. For Western Australia, they represent post initial qualifications held by registered nurses where the skills learned have ever been used.

Source: AIHW.

**Table 30: Enrolled nurses: professional employment status and occupation, States and Territories, 1997**

<b>Professional employment status/occupation</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>WA</b>	<b>SA</b>	<b>Tas</b>	<b>ACT</b>	<b>NT</b>	<b>Australia</b>
Employed in nursing, only or mainly in State/Territory									
Clinician	11,729	14,271	6,380	4,067	4,394	1,012	469	332	42,654
Clinical nurse manager <sup>(a)</sup>	59	109	n.a.	n.a.	n.a.	—	—	n.a.	169
Administrator	255	236	25	56	11	5	10	3	601
Teacher/educator	155	163	7	26	2	—	5	3	361
Researcher	9	20	1	11	2	—	—	—	44
Other	619	811	75	414	422	53	49	3	2,446
<b>Total employed in nursing<sup>(b)</sup></b>	<b>12,827</b>	<b>15,609</b>	<b>6,488</b>	<b>4,576</b>	<b>4,831</b>	<b>1,069</b>	<b>533</b>	<b>341</b>	<b>46,274</b>
On extended leave <sup>(c)</sup>	145	263	n.a.	44	125	10	4	15	605
Looking for work in nursing									
Employed elsewhere	268	263	75	50	68	13	4	16	758
Not employed	407	407	194	66	71	22	18	11	1,195
<b>Total</b>	<b>675</b>	<b>670</b>	<b>269</b>	<b>116</b>	<b>139</b>	<b>35</b>	<b>22</b>	<b>27</b>	<b>1,953</b>
<b>Nursing labour force</b>	<b>13,648</b>	<b>16,542</b>	<b>6,757</b>	<b>4,736</b>	<b>5,094</b>	<b>1,114</b>	<b>559</b>	<b>383</b>	<b>48,832</b>
Overseas	42	48	15	25	9	—	—	3	142
Not looking for work in nursing									
Employed elsewhere	1,161	418	154	133	93	13	36	64	2,072
Not employed	1,189	500	268	185	95	29	26	31	2,323
<b>Total</b>	<b>2,350</b>	<b>918</b>	<b>422</b>	<b>318</b>	<b>188</b>	<b>41</b>	<b>61</b>	<b>95</b>	<b>4,394</b>
<b>Not in nursing labour force</b>	<b>2,392</b>	<b>967</b>	<b>437</b>	<b>344</b>	<b>197</b>	<b>41</b>	<b>61</b>	<b>98</b>	<b>4,537</b>
<b>Total enrolled nurses<sup>(d)</sup></b>	<b>16,040</b>	<b>17,509</b>	<b>7,194</b>	<b>5,079</b>	<b>5,291</b>	<b>1,155</b>	<b>620</b>	<b>481</b>	<b>53,369</b>
Multiple registrations	437	387	157	52	78	21	16	65	1,213
<b>Total enrolments</b>	<b>16,477</b>	<b>17,896</b>	<b>7,351</b>	<b>5,131</b>	<b>5,369</b>	<b>1,176</b>	<b>636</b>	<b>546</b>	<b>54,582</b>
<b>(per cent of employed nurses)</b>									
Employed in nursing									
Clinician	91.4	91.4	98.3	88.9	91.0	94.6	88.0	97.1	92.2
Clinical nurse manager <sup>(a)</sup>	0.5	0.7	n.a.	n.a.	n.a.	—	—	n.a.	0.4
Administrator	2.0	1.5	0.4	1.2	0.2	0.5	1.8	1.0	1.3
Teacher/educator	1.2	1.0	0.1	0.6	0.0	—	0.9	0.9	0.8
Researcher	0.1	0.1	0.0	0.2	0.0	—	—	—	0.1
Other	4.8	5.2	1.2	9.1	8.7	4.9	9.2	1.0	5.3
<b>Total employed in nursing<sup>(b)</sup></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>(per cent of total enrolled nurses)</b>									
Employed in nursing <sup>(b)</sup>	80.0	89.2	90.2	90.1	91.3	92.6	86.0	70.9	86.7
On extended leave <sup>(c)</sup>	0.9	1.5	n.a.	0.9	2.4	0.8	0.6	3.0	1.1
Looking for work in nursing	4.2	3.8	3.7	2.3	2.6	3.0	3.5	5.6	3.7
<b>Nursing labour force</b>	<b>85.1</b>	<b>94.5</b>	<b>93.9</b>	<b>93.2</b>	<b>96.3</b>	<b>96.4</b>	<b>90.1</b>	<b>79.6</b>	<b>91.5</b>
Overseas	0.3	0.3	0.2	0.5	0.2	—	—	0.6	0.3
Not looking for work in nursing	14.6	5.2	5.9	6.3	3.6	3.6	9.9	19.8	8.2
<b>Not in nursing labour force</b>	<b>14.9</b>	<b>5.5</b>	<b>6.1</b>	<b>6.8</b>	<b>3.7</b>	<b>3.6</b>	<b>9.9</b>	<b>20.4</b>	<b>8.5</b>
<b>Total enrolled nurses</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>

(a) Included with clinicians for Queensland, Western Australia, South Australia and the Northern Territory.

(b) Excludes nurses on extended leave.

(c) Not included as an option on the Queensland survey form.

(d) Excludes multiple enrolments.

Source: AIHW.

**Table 31: Enrolled nurses employed as clinicians and clinical nurse managers: area of clinical nursing, States and Territories, 1997**

Area of clinical nursing	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust	% of total
<b>Males</b>										
Mixed medical and surgical	61	113	118	29	74	9	—	4	407	14.8
Medical	127	40	30	9	20	3	8	3	240	8.7
Surgical	87	14	24	7	19	—	—	2	152	5.5
Coronary care or surgery	14	5	(a)	(a)	(a)	—	—	(a)	19	0.7
Geriatric/Gerontology	169	360	84	36	53	14	—	7	722	26.1
Oncology	12	4	7	(a)	(a)	—	—	(a)	23	0.8
Perioperative/operating theatre/recovery	88	21	34	8	17	—	4	—	172	6.2
Rehabilitation	48	44	(a)	(a)	(a)	5	—	(a)	97	3.5
Renal	7	1	(a)	(a)	(a)	—	—	(a)	8	0.3
Respiratory medicine/asthma	12	—	(a)	(a)	(a)	—	—	(a)	12	0.4
Critical care/intensive care	5	10	3	1	—	—	—	—	20	0.7
Casualty accident/emergency	26	8	9	3	7	—	—	—	53	1.9
Midwifery	2	—	1	—	—	—	—	2	5	0.2
Mental health/psychiatric	104	196	104	48	33	18	—	4	507	18.4
Community nursing	4	9	4	2	6	2	4	—	30	1.1
Developmental disability	52	14	17	6	2	10	—	—	101	3.7
Occupational health	4	4	7	3	—	—	—	—	18	0.7
Paediatric	2	1	5	—	—	—	—	—	8	0.3
Aboriginal health	4	—	(a)	(a)	(a)	—	—	(a)	4	0.1
Child and family health	—	—	—	—	—	—	—	—	—	—
School children's health	—	—	—	—	—	—	—	—	—	—
No one principal area	6	23	22	12	—	2	—	2	67	2.4
Other	14	33	22	10	14	—	4	—	97	3.5
<b>Total</b>	<b>845</b>	<b>900</b>	<b>491</b>	<b>175</b>	<b>245</b>	<b>64</b>	<b>19</b>	<b>23</b>	<b>2,762</b>	<b>100.0</b>
<b>Females</b>										
Mixed medical and surgical	1,123	1,998	1,639	1,259	1,238	188	81	52	7,578	18.9
Medical	2,283	672	452	400	291	115	25	16	4,254	10.6
Surgical	1,061	382	291	210	224	37	71	24	2,301	5.7
Coronary care or surgery	173	89	(a)	(a)	(a)	—	—	(a)	262	0.7
Geriatric/Gerontology	2,879	7,009	1,513	813	1,217	334	91	55	13,911	34.7
Oncology	86	106	56	(a)	(a)	2	—	(a)	250	0.6
Perioperative/operating theatre/recovery	751	258	410	216	297	37	16	22	2,008	5.0
Rehabilitation	626	556	(a)	(a)	(a)	7	7	(a)	1,196	3.0
Renal	24	24	(a)	(a)	(a)	—	—	(a)	48	0.1
Respiratory medicine/asthma	36	14	(a)	(a)	(a)	4	—	(a)	54	0.1
Critical care/intensive care	27	78	45	29	5	2	—	6	191	0.5
Casualty accident/emergency	60	92	93	45	59	12	9	12	382	1.0
Midwifery	103	320	52	13	20	4	—	2	513	1.3
Mental health/psychiatric	498	558	269	132	150	55	5	7	1,674	4.2
Community nursing	176	167	75	173	162	46	51	7	857	2.1
Developmental disability	353	49	79	49	40	23	—	2	596	1.5
Occupational health	18	50	13	13	9	—	—	2	104	0.3
Paediatric	119	119	133	137	108	7	21	43	688	1.7
Aboriginal health	11	7	(a)	(a)	(a)	—	—	(a)	18	0.0
Child and family health	8	29	21	14	13	—	22	2	109	0.3
School children's health	7	18	5	10	2	—	—	—	43	0.1
No one principal area	125	252	264	111	6	24	—	23	806	2.0
Other	398	630	480	268	309	51	50	32	2,219	5.5
<b>Total</b>	<b>10,943</b>	<b>13,480</b>	<b>5,890</b>	<b>3,893</b>	<b>4,149</b>	<b>948</b>	<b>450</b>	<b>308</b>	<b>40,061</b>	<b>100.0</b>

(continued)

**Table 31 (continued): Enrolled nurses employed as clinicians and clinical nurse managers: area of clinical nursing, States and Territories, 1997**

Area of clinical nursing	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia	% of total
	<b>Persons</b>									
Mixed medical and surgical	1,183	2,111	1,757	1,288	1,311	197	81	56	7,985	18.6
Medical	2,409	712	482	409	311	118	33	19	4,494	10.5
Surgical	1,148	396	315	217	243	37	71	26	2,452	5.7
Coronary care or surgery	187	95	(a)	(a)	(a)	—	—	(a)	282	0.7
Geriatric/Gerontology	3,047	7,369	1,597	849	1,269	348	91	62	14,632	34.2
Oncology	98	110	63	(a)	(a)	2	—	(a)	273	0.6
Perioperative/operating theatre/recovery	839	280	444	224	314	37	20	22	2,180	5.1
Rehabilitation	674	600	(a)	(a)	(a)	12	7	(a)	1,293	3.0
Renal	31	26	(a)	(a)	(a)	—	—	(a)	57	0.1
Respiratory medicine/asthma	48	14	(a)	(a)	(a)	4	—	(a)	66	0.2
Critical care/intensive care	32	87	49	30	5	2	—	6	211	0.5
Casualty accident/emergency	86	100	103	48	65	12	9	12	435	1.0
Midwifery	105	320	53	13	20	4	—	3	517	1.2
Mental health/psychiatric	602	754	372	180	183	73	5	11	2,181	5.1
Community nursing	179	176	78	175	168	48	55	7	887	2.1
Developmental disability	405	62	96	56	43	33	—	2	697	1.6
Occupational health	21	54	20	16	9	—	—	2	122	0.3
Paediatric	121	121	138	137	108	7	21	43	696	1.6
Aboriginal health	15	7	(a)	(a)	(a)	—	—	(a)	22	0.1
Child and family health	8	29	21	14	13	—	22	2	109	0.3
School children's health	7	18	5	10	2	—	—	—	43	0.1
No one principal area	131	275	285	123	6	26	—	26	872	2.0
Other	412	663	501	278	323	51	54	32	2,316	5.4
<b>Total</b>	<b>11,788</b>	<b>14,380</b>	<b>6,380</b>	<b>4,068</b>	<b>4,394</b>	<b>1,012</b>	<b>469</b>	<b>331</b>	<b>42,823</b>	<b>100.0</b>

(a) Some States used different classifications for area of clinical nursing and therefore some areas were not able to be separately identified.

Source: AIHW.

Table 32: Employed enrolled nurses: age and sex, States and Territories, 1997

Age (years)	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
<b>Males</b>									
Under 25	96	35	14	11	7	—	—	2	163
25–29	172	113	63	15	34	4	4	8	412
30–34	179	173	94	23	58	9	—	6	542
35–39	177	214	93	37	69	8	4	2	603
40–44	148	163	84	33	44	19	4	3	498
45–49	60	126	66	36	29	13	4	5	339
50–54	52	61	47	17	11	8	—	—	197
55–59	19	41	25	20	8	4	4	—	120
60–64	12	15	6	5	2	—	—	—	40
65 and over	—	2	2	5	—	—	—	—	9
<i>Total</i>	<i>914</i>	<i>942</i>	<i>493</i>	<i>202</i>	<i>262</i>	<i>65</i>	<i>19</i>	<i>25</i>	<i>2,922</i>
Average age	35.6	38.9	39.6	42.5	38.6	42.3	42.6	34.7	38.3
<b>Females</b>									
Under 25	910	441	105	215	92	7	8	5	1,783
25–29	1,453	1,454	615	296	399	49	26	29	4,322
30–34	1,871	2,192	869	539	701	126	87	56	6,441
35–39	2,788	2,982	1,265	1,009	1,176	247	112	89	9,668
40–44	2,318	2,863	1,268	928	1,019	264	81	63	8,803
45–49	1,270	2,259	873	657	649	161	98	48	6,014
50–54	725	1,513	531	462	347	98	51	19	3,747
55–59	422	690	314	220	121	44	38	5	1,854
60–64	119	214	121	42	54	8	13	2	573
65 and over	38	59	33	6	11	—	—	—	147
<i>Total</i>	<i>11,913</i>	<i>14,667</i>	<i>5,995</i>	<i>4,374</i>	<i>4,569</i>	<i>1,004</i>	<i>514</i>	<i>316</i>	<i>43,352</i>
Average age	37.7	40.2	40.6	40.3	39.5	41.2	41.9	38.8	39.6
<b>Persons</b>									
Under 25	1,005	477	119	226	99	7	8	6	1,946
25–29	1,625	1,567	678	311	433	52	30	37	4,734
30–34	2,049	2,365	962	562	759	135	87	62	6,983
35–39	2,965	3,196	1,358	1,046	1,245	255	116	90	10,271
40–44	2,466	3,025	1,352	961	1,063	283	84	67	9,301
45–49	1,330	2,385	939	692	678	175	101	53	6,353
50–54	777	1,574	579	479	359	106	51	19	3,943
55–59	441	731	339	240	129	48	42	5	1,974
60–64	131	229	127	48	56	8	13	2	613
65 and over	38	60	35	11	11	—	—	—	156
<b>Total</b>	<b>12,827</b>	<b>15,609</b>	<b>6,488</b>	<b>4,576</b>	<b>4,831</b>	<b>1,069</b>	<b>533</b>	<b>341</b>	<b>46,274</b>
Average age	37.5	40.2	40.5	40.4	39.4	41.3	41.9	38.5	39.6

Source: AIHW.

**Table 33: Enrolled nurses employed as clinicians and clinical nurse managers: area of clinical nursing and total hours worked per week, Australia, 1997**

Area of clinical nursing	Hours worked per week							Total
	1–9	10–19	20–29	30–34	35–39	40–49	50+	
Mixed medical and surgical	426	1,285	2,098	1,253	1,330	1,375	219	7,985
Medical	210	536	995	624	887	1,092	150	4,494
Surgical	47	296	567	352	518	574	99	2,452
Coronary care or surgery	7	37	62	30	68	66	11	282
Geriatric/Gerontology	689	2,482	4,511	2,896	2,275	1,451	329	14,632
Oncology	2	19	62	47	63	71	8	273
Perioperative/operating theatre/recovery	68	243	452	229	492	619	76	2,180
Rehabilitation	43	106	387	178	258	266	54	1,293
Renal	—	5	14	7	15	14	2	57
Respiratory medicine/asthma	2	6	9	8	17	23	2	66
Critical care/intensive care	8	20	41	28	57	42	14	211
Casualty accident/emergency	16	41	98	54	90	117	19	435
Midwifery	27	101	140	66	77	99	9	517
Mental health/psychiatric	37	165	290	205	811	573	99	2,181
Community nursing	56	119	267	115	162	140	28	887
Developmental disability	17	94	98	78	206	172	31	697
Occupational health	2	16	14	10	33	38	9	122
Paediatric	28	92	165	88	165	128	30	696
Aboriginal health	—	4	4	2	11	2	—	22
Child and family health	4	27	25	21	11	21	—	109
School children's health	—	5	19	5	7	5	2	43
No one principal area	76	113	203	129	164	162	25	872
Other	103	357	514	328	536	408	70	2,316
<b>Total</b>	<b>1,869</b>	<b>6,169</b>	<b>11,036</b>	<b>6,754</b>	<b>8,252</b>	<b>7,457</b>	<b>1,285</b>	<b>42,823</b>
Percent of total for hours worked per week groups	4.3	14.4	25.8	15.8	19.3	17.4	3.0	100.0

Source: AIHW.

**Table 34: Employed enrolled nurses: total hours worked per week and sex, States and Territories, 1997**

Hours worked	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
<b>Males</b>									
1-9	26	37	10	4	4	5	—	2	88
10-19	75	44	26	6	13	2	—	—	166
20-29	99	90	37	24	35	10	—	—	295
30-34	75	147	61	36	39	10	4	—	372
35-39	286	320	191	53	88	23	11	7	978
40-49	278	246	156	55	74	15	4	13	841
50-59	34	23	11	4	7	—	—	1	80
60-69	3	8	1	6	2	—	—	2	22
70-79	12	16	—	11	—	—	—	—	39
80 and over	26	11	—	3	—	—	—	—	40
<i>Total</i>	<i>914</i>	<i>942</i>	<i>493</i>	<i>202</i>	<i>262</i>	<i>65</i>	<i>19</i>	<i>25</i>	<i>2,922</i>
Average weekly hours	36.3	35.5	35.3	37.8	35.2	31.8	36.4	38.2	35.8
<b>Females</b>									
1-9	446	767	213	187	244	35	40	12	1,944
10-19	1,442	2,532	752	612	838	160	44	31	6,411
20-29	2,785	4,367	1,414	1,107	1,383	334	120	70	11,580
30-34	1,389	2,550	1,007	760	887	190	93	27	6,903
35-39	2,305	2,381	1,458	794	682	133	75	68	7,896
40-49	3,032	1,677	1,122	699	413	126	111	79	7,259
50-59	152	158	25	50	30	7	13	7	442
60-69	79	77	4	53	32	11	9	9	274
70-79	136	111	—	72	19	8	4	3	354
80 and over	147	47	—	40	41	—	4	10	289
<i>Total</i>	<i>11,913</i>	<i>14,667</i>	<i>5,995</i>	<i>4,374</i>	<i>4,569</i>	<i>1,004</i>	<i>514</i>	<i>316</i>	<i>43,352</i>
Average weekly hours	31.6	27.9	29.9	29.9	27.7	27.9	30.8	34.3	29.5
<b>Persons</b>									
1-9	472	805	223	191	248	40	40	14	2,033
10-19	1,517	2,576	778	618	851	161	44	31	6,576
20-29	2,884	4,457	1,451	1,131	1,418	344	120	70	11,875
30-34	1,464	2,697	1,068	796	926	200	97	27	7,275
35-39	2,591	2,700	1,649	847	769	156	87	76	8,875
40-49	3,310	1,923	1,277	755	488	141	115	91	8,100
50-59	186	181	37	54	37	7	13	9	522
60-69	82	85	6	58	34	12	9	10	296
70-79	148	127	—	83	19	8	4	3	393
80 and over	173	58	—	43	41	—	4	10	329
<b>Total</b>	<b>12,827</b>	<b>15,609</b>	<b>6,488</b>	<b>4,576</b>	<b>4,831</b>	<b>1,069</b>	<b>533</b>	<b>341</b>	<b>46,274</b>
Average weekly hours	32.0	28.4	30.3	30.3	28.1	28.1	31.4	34.6	29.9

(continued)

**Table 34 (continued): Employed enrolled nurses: total hours worked per week and sex, States and Territories, 1997**

Hours worked	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
(per cent—males)									
1–9	2.8	4.0	2.1	2.1	1.7	7.7	—	7.1	3.0
10–19	8.2	4.7	5.2	2.8	5.0	2.7	—	—	5.7
20–29	10.9	9.5	7.5	11.7	13.3	15.5	—	—	10.1
30–34	8.2	15.6	12.3	18.0	15.0	15.3	20.4	—	12.7
35–39	31.3	33.9	38.7	26.3	33.3	35.9	59.1	28.6	33.5
40–49	30.4	26.1	31.7	27.4	28.3	23.0	19.7	50.0	28.8
50–59	3.7	2.4	2.3	2.1	2.5	—	—	7.1	2.7
60–69	0.3	0.9	0.2	2.7	0.8	—	—	7.1	0.7
70–79	1.3	1.7	—	5.5	—	—	0.7	—	1.4
80 and over	2.8	1.1	—	1.4	—	—	—	—	1.3
<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>
(per cent—females)									
1–9	3.7	5.2	3.6	4.3	5.3	3.5	7.8	3.8	4.5
10–19	12.1	17.3	12.5	14.0	18.3	15.9	8.6	9.7	14.8
20–29	23.4	29.8	23.6	25.3	30.3	33.3	23.3	22.2	26.7
30–34	11.7	17.4	16.8	17.4	19.4	18.9	18.1	8.6	15.9
35–39	19.3	16.2	24.3	18.1	14.9	13.2	14.7	21.6	18.2
40–49	25.5	11.4	18.7	16.0	9.0	12.6	21.6	24.9	16.7
50–59	1.3	1.1	0.4	1.1	0.7	0.7	2.6	2.2	1.0
60–69	0.7	0.5	0.1	1.2	0.7	1.2	1.7	2.7	0.6
70–79	1.1	0.8	—	1.6	0.4	0.8	0.8	1.1	0.8
80 and over	1.2	0.3	—	0.9	0.9	—	0.9	3.2	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>
(per cent—persons)									
1–9	3.7	5.2	3.4	4.2	5.1	3.7	7.5	4.0	4.4
10–19	11.8	16.5	12.0	13.5	17.6	15.1	8.3	9.0	14.2
20–29	22.5	28.6	22.4	24.7	29.3	32.2	22.4	20.5	25.7
30–34	11.4	17.3	16.5	17.4	19.2	18.7	18.2	8.0	15.7
35–39	20.2	17.3	25.4	18.5	15.9	14.6	16.3	22.1	19.2
40–49	25.8	12.3	19.7	16.5	10.1	13.2	21.5	26.7	17.5
50–59	1.4	1.2	0.6	1.2	0.8	0.6	2.5	2.5	1.1
60–69	0.6	0.5	0.1	1.3	0.7	1.1	1.7	3.0	0.6
70–79	1.2	0.8	—	1.8	0.4	0.8	0.8	1.0	0.8
80 and over	1.3	0.4	—	0.9	0.9	—	0.8	3.0	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>
(per cent working part-time hours)									
Males	30.1	33.8	27.1	34.6	35.0	41.1	20.4	7.1	31.5
Females	50.9	69.7	56.5	60.9	73.4	71.5	57.8	44.3	61.9
All nurses	49.4	67.5	54.3	59.8	71.3	69.7	56.4	41.6	60.0

Source: AIHW.



**Table 35: Employed enrolled nurses: work setting of main job, sector, States and Territories, 1997**

<b>Work setting</b>	<b>NSW</b>	<b>Vic</b>	<b>Qld</b>	<b>WA</b>	<b>SA</b>	<b>Tas</b>	<b>ACT</b>	<b>NT</b>	<b>Australia</b>
<b>Public sector</b>									
Acute care hospital	6,303	4,703	2,884	2,347	2,332	307	187	165	19,228
Day procedure centre	78	81	—	31	27	13	—	5	235
Aged accommodation	n.a.	280	n.a.	40	97	18	26	n.a.	460
Nursing home	1,937	4,114	956	402	430	101	31	27	7,997
Hospice	76	89	n.a.	2	9	3	17	—	197
Community health centres	376	256	36	81	142	63	40	9	1,002
Aboriginal health service	n.a.	8	n.a.	n.a.	n.a.	—	—	n.a.	8
Mental health service	n.a.	224	n.a.	n.a.	n.a.	28	13	n.a.	265
Development disability service	529	72	71	27	17	21	—	—	737
Defence forces	53	60	37	8	10	—	8	14	189
School	12	43	n.a.	23	4	3	—	2	86
Tertiary education institution	9	41	13	16	4	—	4	2	89
Corrective services	15	7	n.a.	2	—	—	—	—	23
Other	317	436	392	278	106	26	13	19	1,587
<b>Total public sector</b>	<b>9,705</b>	<b>10,414</b>	<b>4,388</b>	<b>3,255</b>	<b>3,177</b>	<b>582</b>	<b>339</b>	<b>243</b>	<b>32,103</b>
<b>Private sector</b>									
Acute care hospital	1,222	1,094	862	288	505	153	78	17	4,218
Day procedure centre	80	80	84	34	19	10	8	5	320
Aged accommodation	n.a.	106	n.a.	41	256	24	13	2	441
Nursing home	1,340	2,523	685	542	520	209	72	43	5,933
Hospice	—	9	n.a.	19	15	3	—	—	47
Community health centres	28	11	—	—	—	4	—	—	42
Mental health service	n.a.	3	n.a.	n.a.	n.a.	2	—	n.a.	4
Development disability service	22	12	9	21	6	7	—	—	77
Doctors' rooms/medical practice	214	615	233	131	167	55	5	24	1,443
Nursing in private practice	68	129	n.a.	47	18	8	—	2	273
Employment agency	n.a.	265	87	43	108	10	9	4	526
School	13	12	n.a.	5	4	—	—	—	34
Tertiary education institution	1	3	1	—	—	—	—	—	5
Mining, industry or commercial sector	6	45	69	41	21	—	—	—	182
Corrective services	—	1	n.a.	—	—	—	—	—	1
Other	128	289	69	109	14	3	9	2	623
<b>Total private sector</b>	<b>3,122</b>	<b>5,195</b>	<b>2,099</b>	<b>1,321</b>	<b>1,654</b>	<b>488</b>	<b>194</b>	<b>99</b>	<b>14,171</b>
<b>All sectors</b>									
Acute care hospital	7,525	5,797	3,746	2,634	2,837	460	265	182	23,446
Day procedure centre	158	161	84	65	46	23	8	10	555
Aged accommodation	n.a.	385	n.a.	80	352	42	39	2	901
Nursing home	3,277	6,637	1,641	944	950	310	102	70	13,930
Hospice	76	99	n.a.	21	24	6	17	—	244
Community health centres	403	267	36	81	142	67	40	9	1,045
Aboriginal health service	n.a.	8	n.a.	n.a.	n.a.	—	—	n.a.	8
Mental health service	n.a.	227	n.a.	n.a.	n.a.	29	13	n.a.	269
Development disability service	551	84	81	48	23	27	—	—	814
Doctors' rooms/medical practice	214	615	233	131	167	55	5	24	1,443
Nursing in private practice	68	129	n.a.	47	18	8	—	2	273
Employment agency	n.a.	265	87	43	108	10	9	4	526
Defence forces	53	60	37	8	10	—	8	14	189
School	25	55	n.a.	28	8	3	—	2	121
Tertiary education institution	10	44	14	16	4	—	4	2	94
Mining, industry or commercial sector	6	45	69	41	21	—	—	—	182
Corrective services	15	8	n.a.	2	—	—	—	—	24
Other	445	725	460	387	120	29	22	21	2,210
<b>Total all sectors</b>	<b>12,827</b>	<b>15,609</b>	<b>6,488</b>	<b>4,576</b>	<b>4,831</b>	<b>1,069</b>	<b>533</b>	<b>341</b>	<b>46,274</b>

Source: AIHW.