

# 1 Introduction

## Background

In 1990, the Australian Health Ministers' Advisory Council commissioned the Australian Institute of Health and Welfare to develop national health labour force statistics about the major registrable health professions. Data collections based on a national minimum data set were developed addressing the labour force planning needs of the health professions, government, service providers and educational institutions. In addition to pharmacy, published data from the collection are available for medicine, dentistry, physiotherapy, podiatry and nursing.

## Scope and coverage

The scope of the data is all pharmacists registered with the pharmacy board in each State and Territory eligible to practise.

In some States, the coverage may exclude pharmacists who registered for the first time during the current year. These pharmacists are not required to renew their registration at the standard renewal date if the initial registration in that State has occurred within the preceding year.

## Method

Each State and Territory pharmacy registration board, except for the Northern Territory, conducts an annual renewal of registrations. The Western Australian board dispatches its renewal notices in May; New South Wales and the Australian Capital Territory dispatch in October; Tasmania in November; and South Australia, Victoria and Queensland in December. The Northern Territory board registers pharmacists on application and has no annual renewal process.

The main data in this publication were collected by the boards using a survey questionnaire and existing initial registration data. The survey questionnaire was sent to pharmacists as part of the registration renewal process.

The pharmacy boards of Tasmania and the Northern Territory did not conduct the survey in 1994. Data have therefore been estimated for Tasmania and the Northern Territory by using the last available labour force proportions (that is, 1992 for Tasmania and 1993 for the Northern Territory) scaled to available registration numbers.

## Response rate

Based on the total of the registrations in each State and Territory, the response rate to the survey (excluding Tasmania and the Northern Territory) was 87.6%. The response rate for New South Wales was 94.2%; Victoria 79.0%; Queensland 92.1%; Western Australia 82.4%; South Australia 80.4%; and the Australian Capital Territory 78.3%. However, complete data were not available for all responding pharmacists, either because not all survey questions were completed or because Pharmacy Board initial registration data were not complete. There were no initial registration data provided for the Australian Capital Territory, and therefore all tables in this publication at the Australia level, including the variables age and sex, exclude the Australian Capital Territory.

The overall response rate can only be estimated, and not determined with complete accuracy. It is known that at least some pharmacists who are registered in more than one State or Territory completed a questionnaire in just one State or Territory, and not in the others in which they were registered. The incidence of this occurrence cannot be ascertained as matching survey records among States and Territories is not possible.

## **Labour force estimates**

Pharmacists may register in more than one State or Territory. In estimating the pharmacy labour force, it is therefore important to reduce as much as possible the duplication in statistics which arises from multiple registrations.

The estimation of the number and characteristics of currently employed pharmacists in each State and Territory was based on the responses of those pharmacists employed solely or mainly in the State or Territory of registration. Estimation of State and Territory numbers of pharmacists looking for work in pharmacy was based on the number of persons with usual residence in the State or Territory of registration who were looking for work in pharmacy.

Where data were unavailable for Tasmania and the Northern Territory in 1994, it was assumed that labour force characteristics were in the same proportion of registrations in 1994 as the labour force characteristics in 1992 for Tasmania and 1993 for the Northern Territory. The proportions were applied to 1994 registration numbers to estimate the numbers of pharmacists in the labour force.

For all estimates, the assumption was made that non-respondents to the survey had the same labour force characteristics as respondents, and the survey data were scaled up to the registrations in each State and Territory by distributing the non-response numbers on the basis of this assumption. This process may overestimate the number of pharmacists in the labour force if non-respondents are more likely to be those with a multiple registration not in their home State or Territory or not in the pharmacy labour force.

## **Additional data sources**

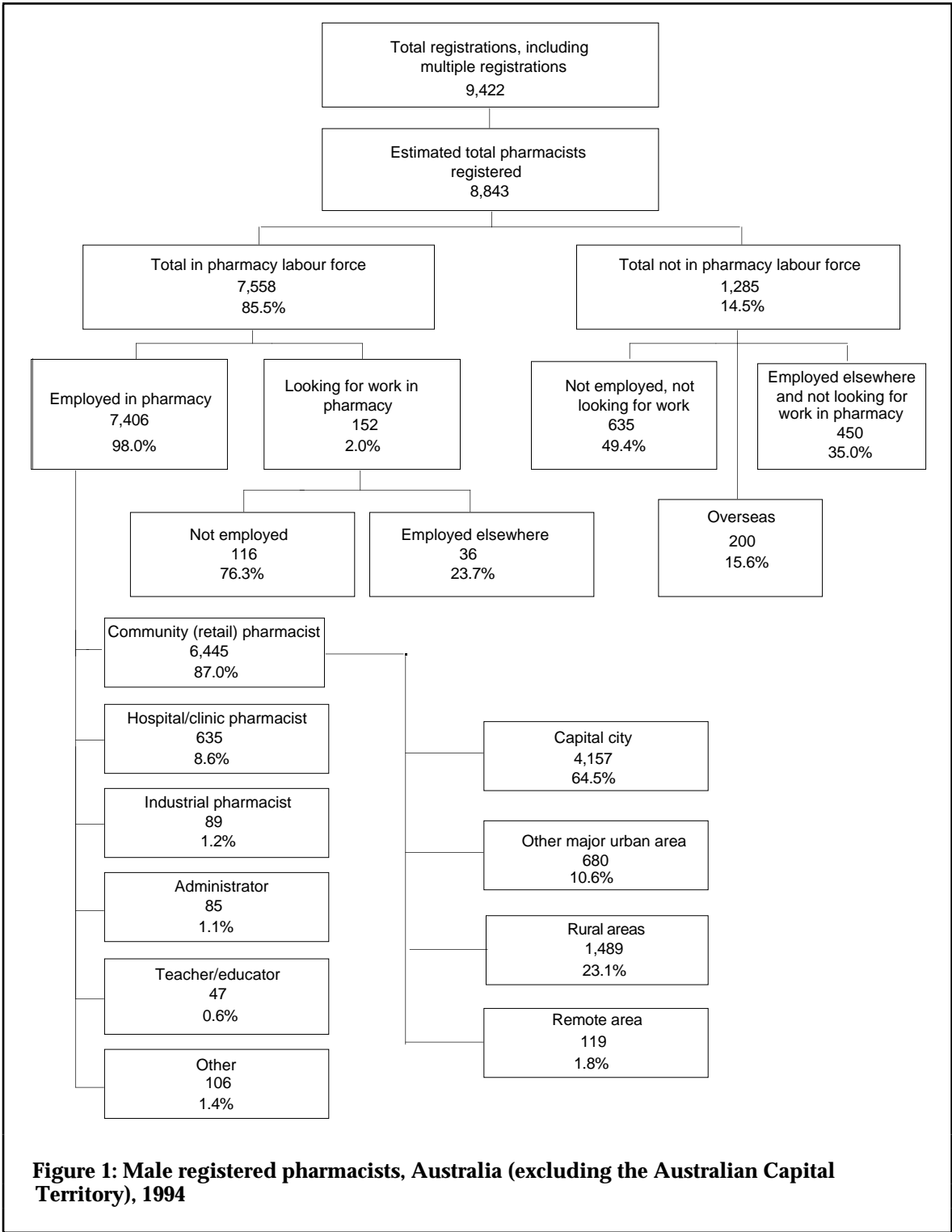
Additional data were obtained as follows:

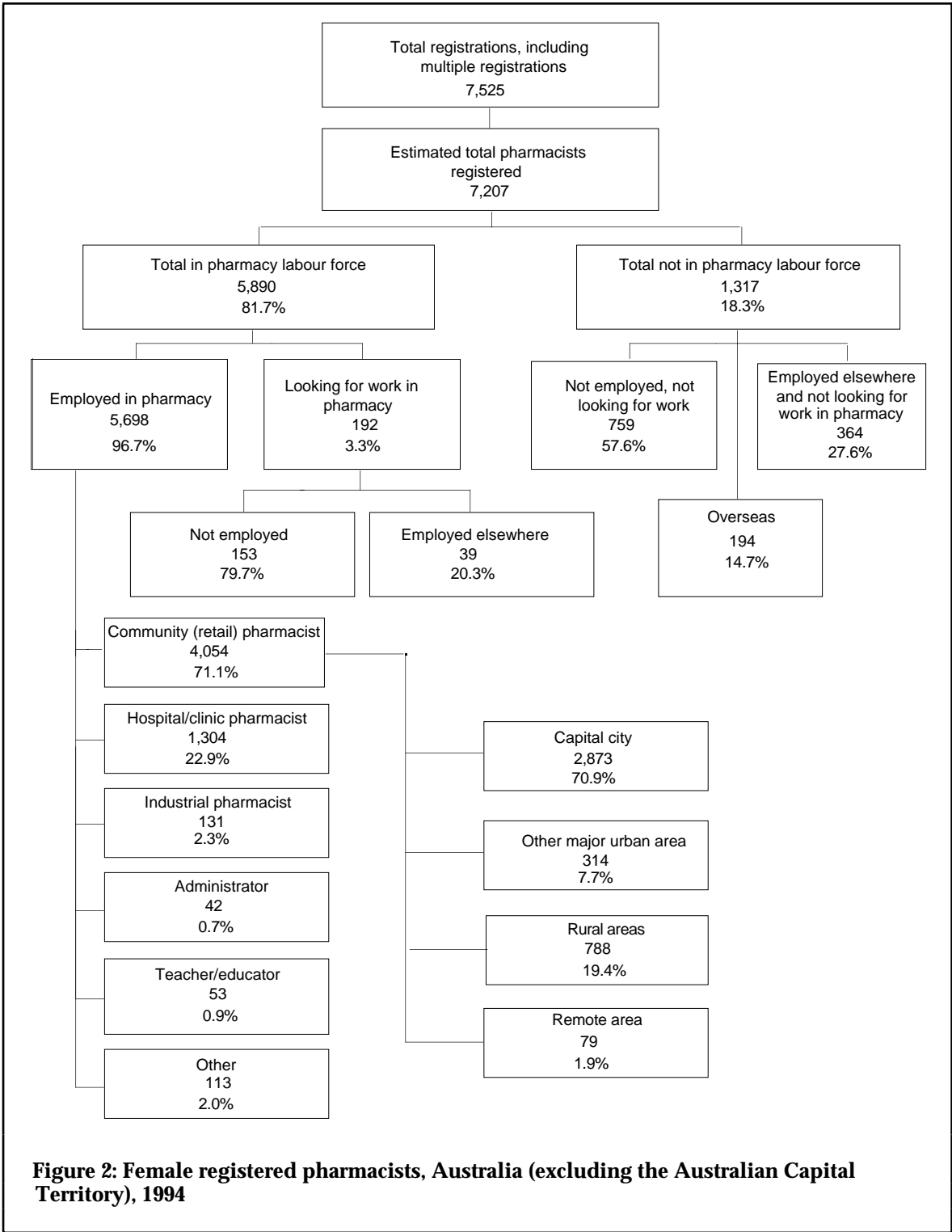
- data for students enrolled in and completing tertiary pharmacy training courses from the Department of Employment, Education, Training and Youth Affairs;
- international migration data from the Department of Immigration and Multicultural Affairs;
- Pharmaceutical Benefits Scheme data from the Department of Health and Family Services;
- data for household expenditure on pharmaceutical products from the Australian Bureau of Statistics' publication *Household expenditure survey: Detailed expenditure items, Australia, 1984, 1988–89 and 1993–94* (Catalogue No. 6535.0); and
- data on the number of practising community pharmacists in other countries from the OECD Health Data File, 1996.

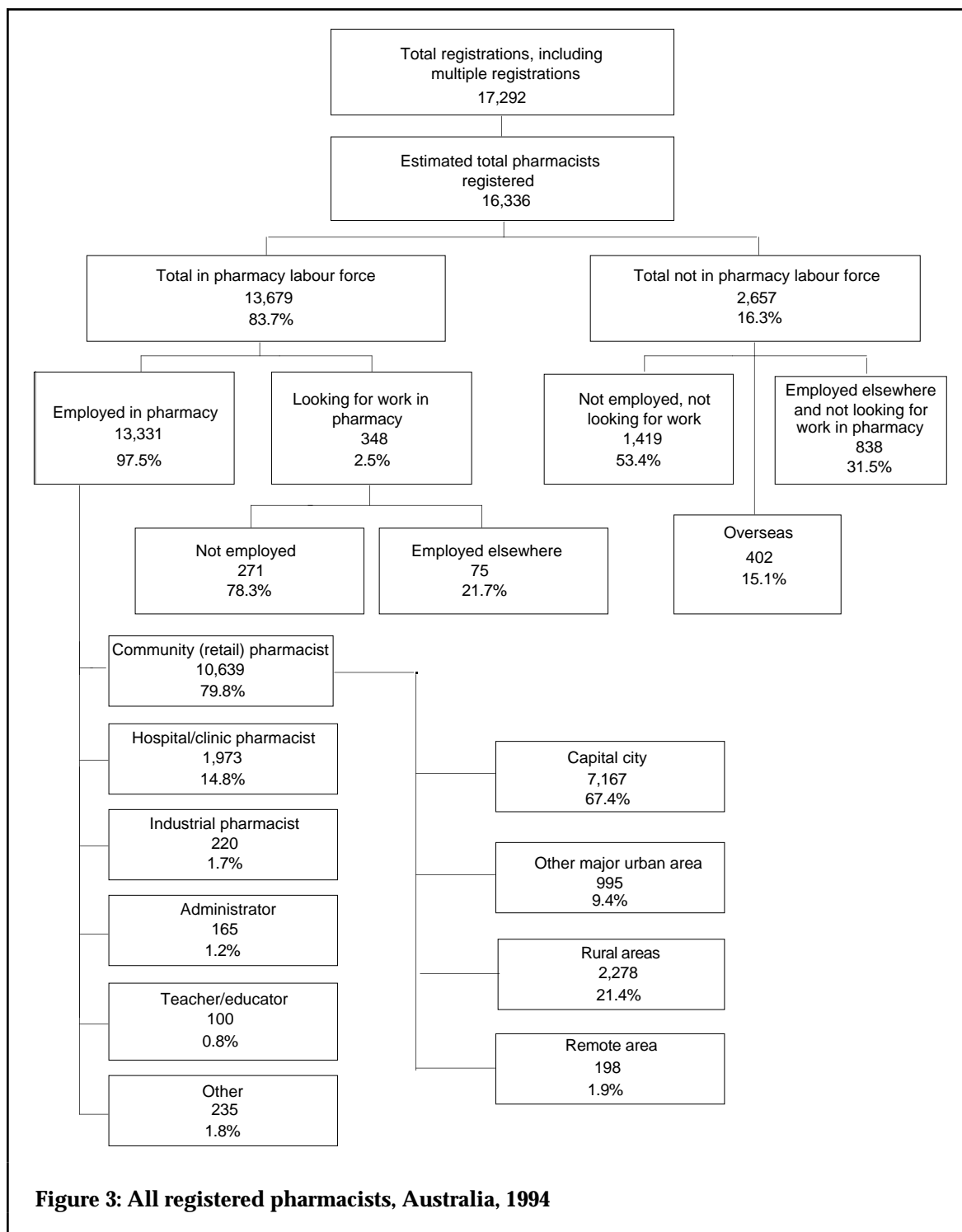
## 2 Overview

The main features of pharmacists registered in Australia in 1994 were:

- There were an estimated 13,679 pharmacists in the pharmacy labour force in 1994—13,331 employed in pharmacy and 348 looking for work in pharmacy.
- Of the 2,657 registered pharmacists not in the pharmacy labour force, 402 were practising overseas and 838 were employed in non-pharmacy related occupations.
- Of the 13,331 pharmacists employed in pharmacy, 43.5% were female and 56.5% were male (excluding the Australian Capital Territory).
- 70.4% of employed pharmacists were located in capital cities, 8.8% in other major urban areas, 19.1% in rural areas, and the remaining 1.7% in remote areas. By comparison, the distribution of the overall population was 63.2% living in capital cities, 9.1% in other major urban areas, 24.5% in rural areas and 3.1% in remote areas.
- The average age of pharmacists was 48.3 years for males and 40.3 years for females. Only 8.7% of males were aged less than 30 years and 18.2% were aged 60 years or more, while for females, 22.2% were aged less than 30 and 6.0% were aged 60 or more.
- 79.8% of employed pharmacists were community pharmacists, 14.8% were hospital or clinic pharmacists and 1.7% were industrial pharmacists, and the remaining 3.7% were mainly employed in pharmacy administration, research and education.
- Of the community pharmacists, 3,124 (29.4%) were sole proprietors, 2,118 (19.9%) were partner-proprietors, 2,112 (19.9%) were pharmacists-in-charge, 836 (7.9%) were permanent assistants and the remaining 2,449 (23.0%) were relievers at regular or various locations.
- 75.0% of community pharmacists worked in their main job in a non-mall shopping centre, and 19.9% worked in a mall complex, 4.8% in a medical centre and the remaining 0.3% in other locations.
- Of the hospital and clinic pharmacists, 347 (17.6%) were directors, 148 (7.5%) were deputy directors, 374 (19.0%) were senior pharmacists, 521 (26.4%) were specialist pharmacists and 582 (29.5%) were staff pharmacists.
- Differences in the characteristics of community and hospital pharmacists include:
  - 38.6% of community pharmacists were female, and 66.1% of hospital and clinic pharmacists were female; and
  - 56.3% of female and 17.7% of male community pharmacists worked part-time hours, and 31.3% of female and 6.3% of male hospital and clinic pharmacists worked part-time.
- The percentages of community and hospital and clinic pharmacists who were female increased from 37.6% and 64.0% respectively in 1992 to 38.6% and 67.5% in 1994.
- In 1994 there were 1,901 students enrolled in pharmacy courses, of whom 60.8% were female. During the same year, 461 students completed pharmacy courses, and 64.0% were female.
- Under the Pharmaceutical Benefits Scheme, Commonwealth Government payments and patients' contributions on benefit prescriptions amounted to \$2,326 million in 1994–95.
- Australian households spent an average of \$6.20 per week on medicines, pharmaceutical products, therapeutic appliances and equipment in 1993–94. This was 0.76% of total average weekly household expenditure.







**Figure 3: All registered pharmacists, Australia, 1994**

### 3 All registered pharmacists

This section presents data for all pharmacists who were registered in Australia in 1994. The features of these data include:

- There was a total of 17,292 registrations in Australia in 1994. Of these, 77.1% were employed only or mainly in the State or Territory of registration. This proportion varied across States and Territories, with the highest proportion of registered pharmacists employed only or mainly in the State or Territory of registration in South Australia (90.1%) and the lowest proportion in the Northern Territory (28.6%).
- 402 (2.3%) registered pharmacists were practising pharmacy overseas.
- 1,690 (9.8%) registered pharmacists were not employed and a further 914 (5.3%) were employed but not in pharmacy.

**Table 1: All registered pharmacists: employment status and States and Territories, 1994**

Employment status	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Only in this State	4,652	3,483	2,242	1,196	934	354	207	72	13,139
Mainly in this State	63	44	26	10	29	0	20	0	192
<i>Total</i>	<i>4,714</i>	<i>3,527</i>	<i>2,269</i>	<i>1,206</i>	<i>962</i>	<i>354</i>	<i>227</i>	<i>72</i>	<i>13,331</i>
Mainly in another State	81	15	27	4	7	5	13	9	160
Only in other States	291	118	164	25	16	26	46	109	796
<i>Total</i>	<i>372</i>	<i>133</i>	<i>191</i>	<i>29</i>	<i>24</i>	<i>31</i>	<i>59</i>	<i>118</i>	<i>956</i>
Practising overseas	176	61	98	34	16	8	8	2	402
Currently not employed	719	434	282	114	39	32	27	43	1,690
Employed, not in pharmacy	471	185	122	46	27	22	24	17	914
<b>Total registrations</b>	<b>6,452</b>	<b>4,340</b>	<b>2,961</b>	<b>1,429</b>	<b>1,068</b>	<b>446</b>	<b>345</b>	<b>251</b>	<b>17,292</b>
	(per cent)								
Only in this State	72.1	80.2	75.7	83.7	87.4	79.4	60.0	28.6	76.0
Mainly in this State	1.0	1.0	0.9	0.7	2.7	0.0	5.9	0.0	1.1
<i>Total</i>	<i>73.1</i>	<i>81.3</i>	<i>76.6</i>	<i>84.4</i>	<i>90.1</i>	<i>79.4</i>	<i>65.9</i>	<i>28.6</i>	<i>77.1</i>
Mainly in another State	1.3	0.4	0.9	0.3	0.7	1.0	3.7	3.4	0.9
Only in other States	4.5	2.7	5.5	1.8	1.5	5.9	13.3	43.5	4.6
<i>Total</i>	<i>5.8</i>	<i>3.1</i>	<i>6.5</i>	<i>2.0</i>	<i>2.2</i>	<i>6.9</i>	<i>17.0</i>	<i>46.9</i>	<i>5.5</i>
Practising overseas	2.7	1.4	3.3	2.4	1.5	1.8	2.2	0.7	2.3
Currently not employed	11.1	10.0	9.5	8.0	3.6	7.1	7.8	17.0	9.8
Employed, not in pharmacy	7.3	4.3	4.1	3.2	2.6	4.8	7.0	6.8	5.3
<b>Total registrations</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>

## 4 Pharmacy labour force

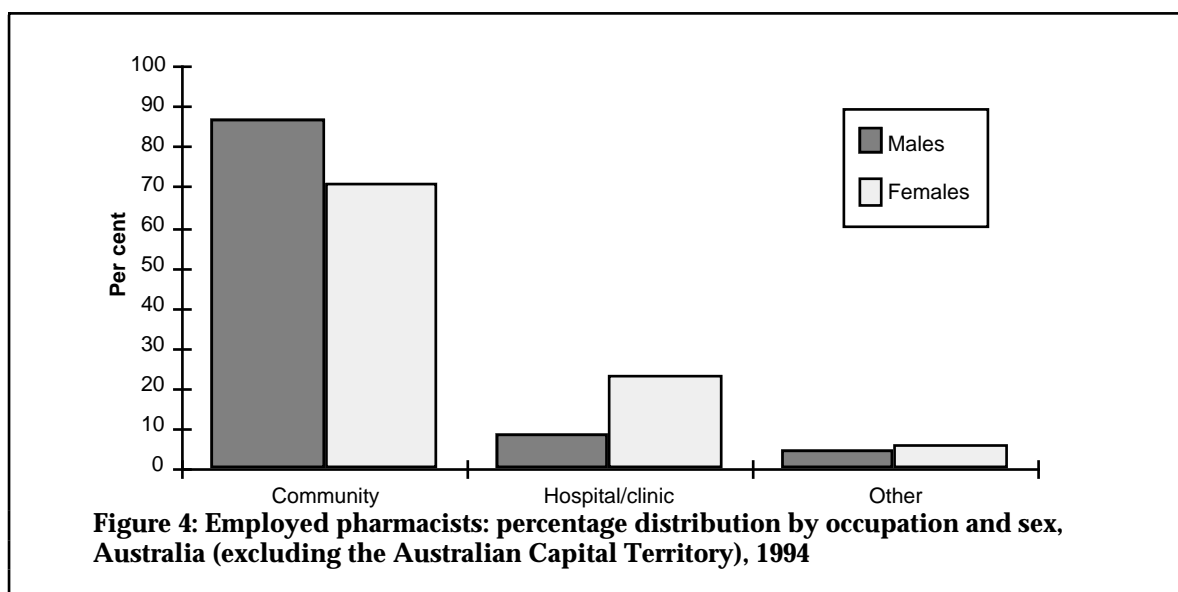
This section presents data for all pharmacists who were employed in pharmacy or looking for work in pharmacy in Australia in 1994. The main features of these pharmacists were:

- There were 13,331 pharmacists employed in Australia in 1994 and a further 348 looking for work in pharmacy. Of employed pharmacists, 43.5% were female, and of those looking for work, 55.9% were female (excluding the Australian Capital Territory).
- Some 10,639 (79.8%) pharmacists were employed as community or retail pharmacists; 1,973 (14.8%) were employed as hospital and clinic pharmacists; 220 (1.7%) as industrial pharmacists; and the remaining 500 (3.8%) worked in other pharmacy-related employment including administration and education. These proportions were relatively similar across the States, but differed for the Territories. In the Australian Capital Territory and the Northern Territory, 61.2% and 59.7% of pharmacists respectively were employed as community pharmacists, 15.4% and 30.6% as hospital pharmacists and the remaining 23.3% and 9.7% in other occupations. The high level of employment in administration and research in the Australian Capital Territory is related to employment in the national offices of the Pharmacy Guild of Australia, Pharmaceutical Society of Australia and Commonwealth Department of Health and Family Services.
- 70.4% of employed pharmacists were located in capital cities; 8.8% in other major urban areas; 19.1% in rural areas and the remaining 1.7% in remote areas.
- There were an estimated 74.7 employed pharmacists per 100,000 population. This provision varied among the States and Territories from a low of 41.9 in the Northern Territory to a high of 78.8 in Victoria. This provision also varied among geographic regions from a high of 83.4 per 100,000 population in capital cities to a low of 32.0 in minor remote areas.
- The average age of pharmacists was 44.8 years (48.3 years for males and 40.3 years for females). Only 8.7% of males were aged less than 30 years and 18.2% were aged 60 years or more; for females, 22.2% were aged less than 30 and 6.0% were aged 60 or more.
- 52.2% of employed female pharmacists and 86.2% of males worked full-time. The proportion working full-time increased with geographic remoteness, with 69.6% capital city pharmacists working full-time compared with 82.8% of pharmacists working in minor remote regions.
- Male pharmacists worked an average of 43.7 hours per week and females averaged 31.2 hours per week. For both sexes, industrial pharmacists averaged the longest hours—47.2 and 40.8 hours per week respectively.
- 86.6% of employed pharmacists were born in Australia. This proportion varied across geographic regions from a high of 97.0% in other major urban areas to a low of 83.3% in minor remote areas.
- The number of employed pharmacists increased by 6.3% between 1992 and 1994. The largest percentage increase was experienced by South Australia where numbers increased from 795 to 962 (21.0%); however, this State accounted for only 7.2% of all employed pharmacists in 1994. Queensland also experienced a large percentage increase (16.3%), whereas the estimated numbers of employed pharmacists decreased in the Northern Territory (22.9%), the Australian Capital Territory (10.1%) and Tasmania (2.2%). It is important to note that, for the Territories, high levels of non-response and of registration in more than one jurisdiction affect the reliability of the estimates. Also, in Tasmania and the Northern Territory, estimates were based on 1992 and 1993 survey results.
- The percentage of community pharmacists who were female increased from 37.6% in 1992 to 38.6% in 1994. This trend is also evident for hospital and clinic pharmacists—the percentage who were female increased from 64.0% in 1992 to 67.5% in 1994.



**Table 2: Pharmacy labour force: occupation of main job, sex and States and Territories, 1994**

Occupation	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Males</b>									
Community (retail)	2,349	1,612	1,173	619	503	163	n.a.	27	6,446
Hospital/clinic	143	192	121	87	66	16	n.a.	9	635
Industrial	51	28	2	3	4	0	n.a.	0	89
Teacher/educator	11	12	7	9	2	5	n.a.	0	47
Administrator	20	26	11	9	11	4	n.a.	5	85
Other	38	37	18	6	5	2	n.a.	0	106
<i>Total</i>	<i>2,613</i>	<i>1,906</i>	<i>1,331</i>	<i>734</i>	<i>591</i>	<i>190</i>	<i>n.a.</i>	<i>41</i>	<i>7,406</i>
Looking for work in pharmacy	64	53	17	5	6	1	n.a.	5	152
<i>Pharmacy labour force</i>	<i>2,676</i>	<i>1,959</i>	<i>1,348</i>	<i>739</i>	<i>598</i>	<i>191</i>	<i>n.a.</i>	<i>46</i>	<i>7,558</i>
<b>Females</b>									
Community (retail)	1,530	1,065	712	343	275	113	n.a.	16	4,054
Hospital/clinic	408	460	197	106	82	37	n.a.	13	1,304
Industrial	77	45	4	2	2	2	n.a.	0	131
Teacher/educator	19	10	6	12	4	2	n.a.	0	53
Administrator	14	8	7	4	5	5	n.a.	0	42
Other	54	33	12	5	2	6	n.a.	2	113
<i>Total</i>	<i>2,102</i>	<i>1,621</i>	<i>937</i>	<i>471</i>	<i>371</i>	<i>165</i>	<i>n.a.</i>	<i>31</i>	<i>5,698</i>
Looking for work in pharmacy	79	53	24	15	5	7	n.a.	10	192
<i>Pharmacy labour force</i>	<i>2,180</i>	<i>1,674</i>	<i>961</i>	<i>486</i>	<i>376</i>	<i>171</i>	<i>n.a.</i>	<i>41</i>	<i>5,890</i>
<b>Persons</b>									
Community (retail)	3,879	2,677	1,885	962	778	276	139	43	10,639
Hospital/clinic	551	652	318	194	149	53	35	22	1,973
Industrial	128	73	6	5	6	2	0	0	220
Teacher/educator	31	22	13	21	6	7	0	0	100
Administrator	34	33	18	13	16	8	38	5	165
Other	91	70	29	11	7	8	15	2	235
<i>Total</i>	<i>4,714</i>	<i>3,527</i>	<i>2,269</i>	<i>1,206</i>	<i>963</i>	<i>355</i>	<i>227</i>	<i>72</i>	<i>13,331</i>
Looking for work in pharmacy	142	106	41	19	11	8	4	15	348
<b>Pharmacy labour force</b>	<b>4,857</b>	<b>3,633</b>	<b>2,310</b>	<b>1,225</b>	<b>974</b>	<b>363</b>	<b>231</b>	<b>87</b>	<b>13,679</b>
<b>(per cent)</b>									
Community (retail)	79.9	73.7	81.6	78.5	79.9	76.1	60.2	49.0	77.8
Hospital/clinic	11.4	17.9	13.8	15.8	15.3	14.7	14.9	25.5	14.4
Industrial	2.6	2.0	0.3	0.4	0.6	0.6	0.0	0.0	1.6
Teacher/educator	0.6	0.6	0.6	1.7	0.6	1.9	0.0	0.0	0.7
Administrator	0.7	0.9	0.8	1.0	1.7	2.2	16.6	5.9	1.2
Other	1.9	1.9	1.3	0.9	0.8	2.2	6.6	2.0	1.7
<i>Total</i>	<i>97.1</i>	<i>97.1</i>	<i>98.2</i>	<i>98.4</i>	<i>98.8</i>	<i>97.8</i>	<i>98.3</i>	<i>82.4</i>	<i>97.5</i>
Looking for work in pharmacy	2.9	2.9	1.8	1.6	1.2	2.2	1.7	17.6	2.5
<b>Pharmacy labour force</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>(females as a percentage of persons)</b>									
Community (retail)	39.4	39.8	37.8	35.7	35.3	40.9	n.a.	37.5	38.6
Hospital/clinic	74.0	70.6	62.1	54.8	55.5	69.2	n.a.	58.3	67.3
Industrial	59.9	61.3	59.7	33.0	40.0	100.0	n.a.	..	59.6
Teacher/educator	63.1	47.0	45.1	55.8	60.0	33.0	n.a.	..	53.4
Administrator	40.1	23.0	39.7	29.6	30.8	56.7	n.a.	0.0	32.8
Other	58.9	47.2	39.7	44.0	33.4	71.1	n.a.	100.0	51.7
<i>Total</i>	<i>44.6</i>	<i>46.0</i>	<i>41.3</i>	<i>39.1</i>	<i>38.5</i>	<i>46.4</i>	<i>n.a.</i>	<i>42.8</i>	<i>43.5</i>
Looking for work in pharmacy	55.1	50.0	58.1	75.0	44.1	85.7	n.a.	66.7	55.9
<b>Pharmacy labour force</b>	<b>44.9</b>	<b>46.1</b>	<b>41.6</b>	<b>39.7</b>	<b>38.6</b>	<b>47.3</b>	<b>n.a.</b>	<b>47.0</b>	<b>43.8</b>



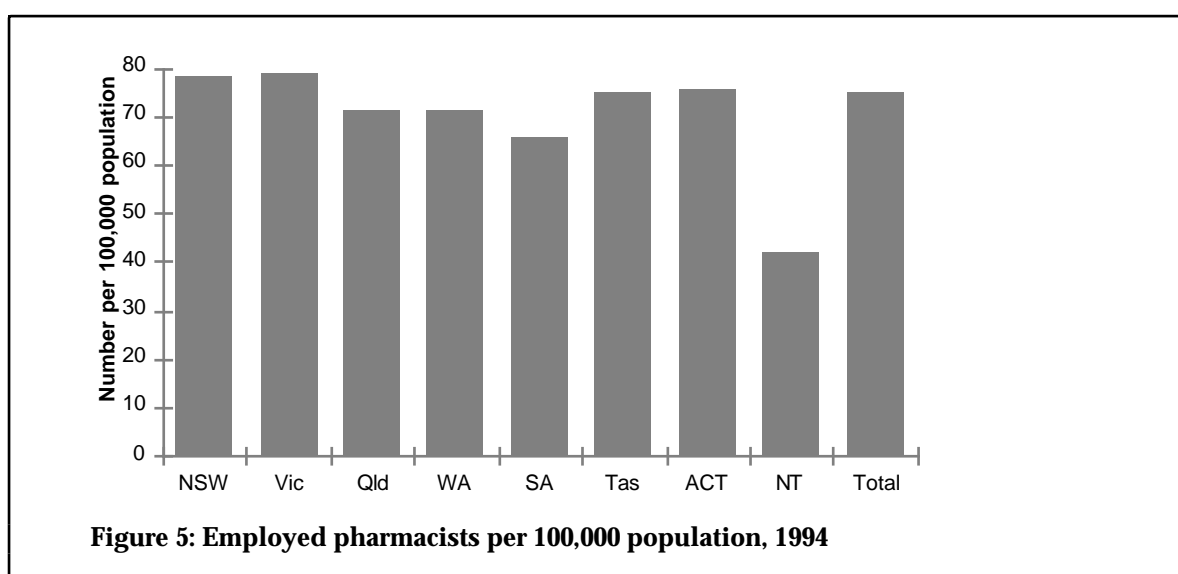
**Table 3: Employed pharmacists per 100,000 population, 1994**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Population ('000)(a)</b>	<b>6,049.2</b>	<b>4,475.5</b>	<b>3,196.1</b>	<b>1,701.1</b>	<b>1,469.4</b>	<b>472.5</b>	<b>300.9</b>	<b>171.1</b>	<b>17,835.7</b>
Employed pharmacists	4,714	3,527	2,269	1,206	962	354	227	72	13,331
FTE pharmacists(b)	3,884.3	2,952.3	1,877.6	1,017.9	816.9	292.1	196.5	65.9	11,103.5
FTE pharmacists(c)	4,925.8	3,721.6	2,473.5	1,326.3	1,029.0	371.1	246.9	83.3	14,177.5
	<b>(number per 100,000 population)</b>								
Employed pharmacists	77.9	78.8	71.0	70.9	65.5	74.9	75.6	41.9	74.7
FTE pharmacists(b)	64.2	66.0	58.7	59.8	55.6	61.8	65.3	38.5	62.3
FTE pharmacists(c)	81.4	83.2	77.4	78.0	70.0	78.5	82.1	48.7	79.5

(a) Estimated resident population as at 30 June 1994.

(b) Calculated on the basis that all pharmacists 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 an FTE.

(c) Calculated on the basis that hours worked are divided by 35 for all pharmacists, i.e. a pharmacist working 70 hours per week equals two FTEs, one working 21 hours equals 0.6 FTEs.



**Table 4: Male employed pharmacists: summary of characteristics and geographic location, Australia<sup>(a)</sup>, 1994**

Summary of characteristics	Geographic location						Total
	Capital city	Other major urban	Major rural	Rural other	Major remote	Other remote	
<b>Age:</b>							
Average	47.6	49.6	49.4	50.1	47.2	51.2	48.3
% aged less than 30 years	9.8	8.1	6.2	5.5	6.0	3.9	8.7
% aged 60 or more years	16.7	22.0	19.7	20.8	16.0	33.3	18.2
% aged 70 or more years	1.7	3.4	3.1	3.1	4.0	5.9	2.3
<b>Occupation:</b>							
Community pharmacy (number)	4,157	680	860	629	56	63	6,445
Community pharmacy (%)	84.5	91.6	89.4	96.8	85.3	94.0	87.0
Hospital/clinic pharmacy (number)	446	60	97	20	10	3	635
Hospital/clinic pharmacy (%)	9.1	8.0	10.1	3.0	14.7	3.9	8.6
Industrial pharmacy (number)	89	0	0	0	0	0	89
Industrial pharmacy (%)	1.8	0.0	0.0	0.0	0.0	0.0	1.2
Administration (number)	81	1	3	0	0	0	85
Administration (%)	1.6	0.2	0.3	0.0	0.0	0.0	1.1
Teachers/educators (number)	46	0	1	0	0	0	47
Teachers/educators (%)	0.9	0.0	0.1	0.0	0.0	0.0	0.6
Other (pharmacy related) (number)	102	1	0	1	0	1	106
Other (pharmacy related) (%)	2.1	0.2	0.0	0.2	0.0	2.1	1.4
<b>Hours worked:</b>							
% working full time	84.5	81.3	85.0	87.4	90.0	100.0	86.2
% working < 20 hrs per week	6.5	8.7	7.3	6.9	4.0	5.7	7.0
% working > 50 hrs per week	39.2	40.8	42.7	48.1	40.0	47.2	41.4
<b>Average hours worked:</b>							
All pharmacists	44.0	43.3	44.2	45.6	46.5	46.2	43.7
Community pharmacists	44.5	43.4	44.8	45.9	47.4	46.8	44.2
Hospital/clinic pharmacists	41.1	41.9	39.4	37.9	41.0	23.5	40.7
Industrial pharmacists	46.9	..	..	..	..	..	47.2
Other pharmacists	40.6	44.5	51.7	(b)	..	(b)	39.7
<b>Community pharmacists:</b>							
<b>% employed in main job as:</b>							
Sole proprietors	41.6	40.7	40.8	52.3	28.6	61.2	42.6
Partner-proprietors	24.0	25.9	27.8	25.8	40.4	18.4	25.0
Pharmacists-in-charge	18.7	17.5	12.8	9.1	19.0	14.3	16.9
Permanent assistants	4.7	2.2	5.5	3.7	4.8	0.0	4.4
Relievers	10.9	13.6	13.1	9.1	7.1	6.1	11.2
<b>% with main job located in:</b>							
shopping malls	20.4	25.4	20.3	3.9	37.2	14.6	19.7
<b>Country of birth:</b>							
% born in Australia	85.3	97.7	90.4	92.5	89.5	77.8	87.5

(a) Excluding the Australian Capital Territory.

(b) Not available for confidentiality reasons.

Note: Calculations of averages and percentages exclude non-response.

**Table 5: Female employed pharmacists: summary of characteristics and geographic location, Australia<sup>(a)</sup>, 1994**

Summary of characteristics	Geographic location						Total
	Capital city	Other major urban	Major rural	Rural other	Major remote	Other remote	
Age:							
Average	39.9	42.1	40.6	41.7	37.0	43.6	40.3
% aged less than 30 years	23.8	17.0	18.9	15.8	23.1	14.7	22.2
% aged 60 or more years	5.4	9.7	6.3	7.4	2.6	11.8	6.0
% aged 70 or more years	0.4	0.3	0.4	1.1	0.0	5.9	0.5
Occupation:							
Community pharmacy (number)	2,873	314	457	331	40	39	4,054
Community pharmacy (%)	67.8	73.6	79.3	91.4	78.7	91.1	71.2
Hospital/clinic pharmacy (number)	1,038	109	114	29	11	4	1,304
Hospital/clinic pharmacy (%)	24.5	25.5	19.8	7.9	21.3	8.9	22.9
Industrial pharmacy (number)	129	0	1	1	0	0	131
Industrial pharmacy (%)	3.0	0.0	0.2	0.3	0.0	0.0	2.3
Administration (number)	41	1	0	0	0	0	42
Administration (%)	1.0	0.3	0.0	0.0	0.0	0.0	0.7
Teachers/educators (number)	52	0	1	0	0	0	53
Teachers/educators (%)	1.2	0.0	0.2	0.0	0.0	0.0	0.9
Other (pharmacy related) (number)	106	3	3	1	0	0	113
Other (pharmacy related) (%)	2.5	0.7	0.5	0.4	0.0	0.0	2.0
Hours worked:							
% working full time	52.2	49.4	51.1	43.1	53.8	72.7	52.2
% working < 20 hrs per week	24.3	23.7	26.1	34.2	30.8	18.2	25.4
% working > 50 hrs per week	9.3	10.8	12.4	10.0	10.3	21.2	10.0
Average hours worked:							
All pharmacists	31.4	31.7	31.3	29.0	32.2	36.7	31.2
Community pharmacists	29.3	31.0	30.8	28.8	30.8	37.2	29.6
Hospital/clinic pharmacists	35.2	33.9	33.2	33.1	37.8	32.3	34.7
Industrial pharmacists	41.3	..	(b)	(b)	..	..	40.8
Other pharmacists	35.6	34.3	29.7	(b)	..	..	35.4
Community pharmacists:							
% employed in main job as:							
Sole proprietors	10.2	12.1	11.0	16.9	15.6	38.7	11.3
Partner-proprietors	12.0	16.9	16.8	20.4	12.5	3.2	13.5
Pharmacists-in-charge	28.7	22.6	22.0	13.1	25.0	19.4	26.1
Permanent assistants	13.5	12.5	15.1	13.1	12.5	12.9	13.6
Relievers	35.7	35.9	35.2	36.5	34.4	25.8	35.6
% with main job located in:							
shopping malls	21.7	28.3	20.3	3.2	43.8	10.3	20.9
Country of birth:							
% born in Australia	83.5	95.9	89.9	92.7	85.2	100.0	85.5

(a) Excluding the Australian Capital Territory.

(b) Not available for confidentiality reasons.

Note: Calculations of averages and percentages exclude non-response.

**Table 6: All employed pharmacists: summary of characteristics and geographic location, Australia, 1994**

Summary of characteristics	Geographic location						Total
	Capital city	Other major urban	Major rural	Rural other	Major remote	Other remote	
Age:							
Average	44.0	46.9	46.1	47.1	42.7	48.2	44.8
% aged less than 30 years	16.3	11.3	11.0	9.2	13.5	8.2	14.5
% aged 60 or more years	11.5	17.6	14.7	16.0	10.1	24.7	12.9
% aged 70 or more years	1.1	2.3	2.1	2.4	2.2	5.9	1.5
Occupation:							
Community pharmacy (number)	7,167	995	1,318	960	96	102	10,638
Community pharmacy (%)	76.4	84.9	85.6	94.9	82.4	92.9	79.8
Hospital/clinic pharmacy (number)	1,518	168	212	48	21	6	1,973
Hospital/clinic pharmacy (%)	16.2	14.4	13.7	4.7	17.6	5.9	14.8
Industrial pharmacy (number)	218	0	1	1	0	0	220
Industrial pharmacy (%)	2.3	0.0	0.1	0.1	0.0	0.0	1.7
Administration (number)	158	4	3	0	0	0	165
Administration (%)	1.7	0.3	0.2	0.0	0.0	0.0	1.2
Teachers/educators (number)	97	0	3	0	0	0	100
Teachers/educators (%)	1.0	0.0	0.2	0.0	0.0	0.0	0.8
Other (pharmacy related) (number)	224	4	3	3	0	1	235
Other (pharmacy related) (%)	2.4	0.4	0.2	0.3	0.0	1.3	1.8
Hours worked:							
% working full time	69.6	69.7	72.4	71.7	74.7	82.8	72.6
% working < 20 hrs per week	14.7	14.1	14.3	16.6	15.4	11.5	15.0
% working > 50 hrs per week	25.2	29.8	31.2	34.5	26.4	36.8	27.6
Average hours worked:							
All pharmacists	38.2	39.1	39.4	39.8	40.2	42.0	38.6
Community pharmacists	38.3	39.5	39.9	40.1	40.5	42.7	38.8
Hospital/clinic pharmacists	37.0	36.7	36.1	35.1	39.2	28.8	36.8
Industrial pharmacists	43.0	..	(c)	(c)	..	..	43.4
Other pharmacists	38.8	38.7	40.7	27.5	..	(c)	38.8
Community pharmacists:							
% employed in main job as:							
Sole proprietors	28.5	31.6	30.3	40.1	24.0	51.9	30.3
Partner-proprietors	19.0	23.1	23.8	23.9	28.0	12.3	20.5
Pharmacists-in-charge	22.8	19.1	16.1	10.6	21.3	17.3	20.5
Permanent assistants	8.4	5.5	9.0	6.9	8.0	4.9	8.1
Relievers	21.3	20.7	20.7	18.6	18.7	13.6	20.8
% with main job located in:							
shopping malls	21.8	26.4	20.2	3.6	39.5	12.5	19.7
Country of birth:							
% born in Australia	84.5	97.0	90.2	92.6	87.7	83.3	86.6
No. per 100,000 population:							
Employed pharmacists	83.4	70.3	74.2	44.3	60.1	32.0	74.7
FTE(a) pharmacists	69.5	58.2	62.1	36.2	50.7	27.5	62.2
FTE(b) pharmacists	88.0	75.0	80.6	47.9	66.4	37.0	79.5

(a) Calculated on the basis that all pharmacists 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 an FTE.

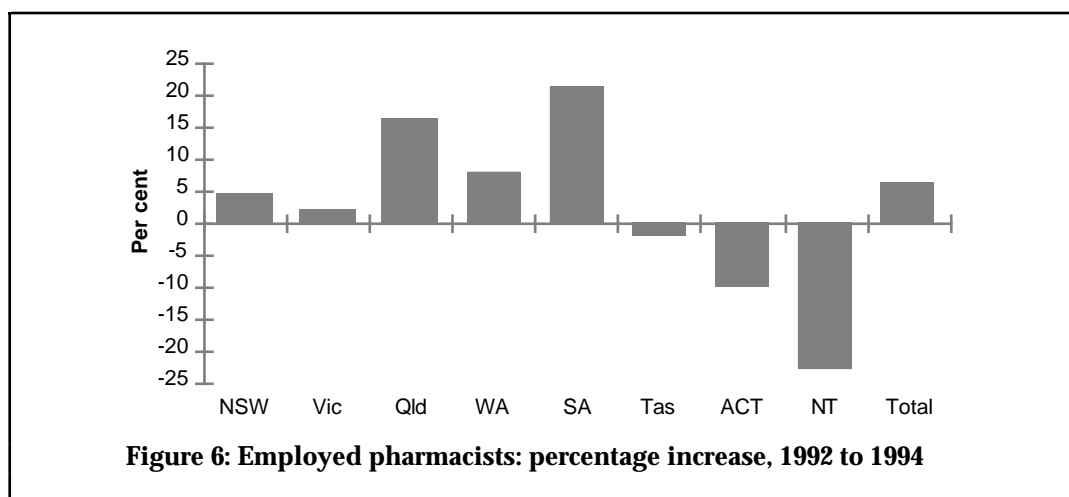
(b) Calculated on the basis that hours worked are divided by 35 for all pharmacists, i.e. a pharmacist working 70 hours per week equals two FTEs, one working 21 hours equals 0.6 FTEs.

(c) Not available for confidentiality reasons.

Note: Calculations of averages and percentages exclude non-response.

**Table 7: Pharmacy workforce increase, 1992 to 1994**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Employed pharmacists:									
1992	4,520	3,454	1,951	1,117	795	362	253	93	12,545
1993	4,758	3,038	2,253	1,185	897	305	204	67	12,707
1994	4,714	3,527	2,269	1,206	962	354	227	72	13,331
% increase (1992 to 1994)	4.3	2.1	16.3	7.9	21.0	-2.2	-10.1	-22.9	6.3
% increase (1993 to 1994)	-0.9	16.1	0.7	1.8	7.3	16.1	11.5	7.0	4.9
Employed pharmacists per 100,000 population:									
1992	76.1	77.8	65.0	67.7	54.7	77.2	86.3	55.6	72.0
1993	79.6	68.1	73.4	71.1	61.4	64.8	68.9	39.6	72.3
1994	77.9	78.8	71.0	70.9	65.5	74.9	75.6	41.9	74.7
% increase (1992 to 1994)	2.4	1.3	9.2	4.7	19.7	-2.9	-12.4	-24.6	3.8
% increase (1993 to 1994)	-2.1	15.7	-3.3	-0.3	6.7	15.7	9.7	5.9	3.4
Registrations:									
1992	6,175	4,350	2,845	1,332	886	456	368	273	16,685
1993	6,395	3,713	2,953	1,397	1,008	418	336	234	16,454
1994	6,452	4,340	2,961	1,429	1,068	446	345	251	17,292
% increase (1992 to 1994)	4.5	-0.2	4.1	7.3	20.5	-2.2	-6.3	-8.1	3.6
% increase (1993 to 1994)	0.9	16.9	0.3	2.3	6.0	6.7	2.7	7.3	5.1



**Table 8: Changes in the community and hospital and clinic pharmacy workforce, 1992 to 1994**

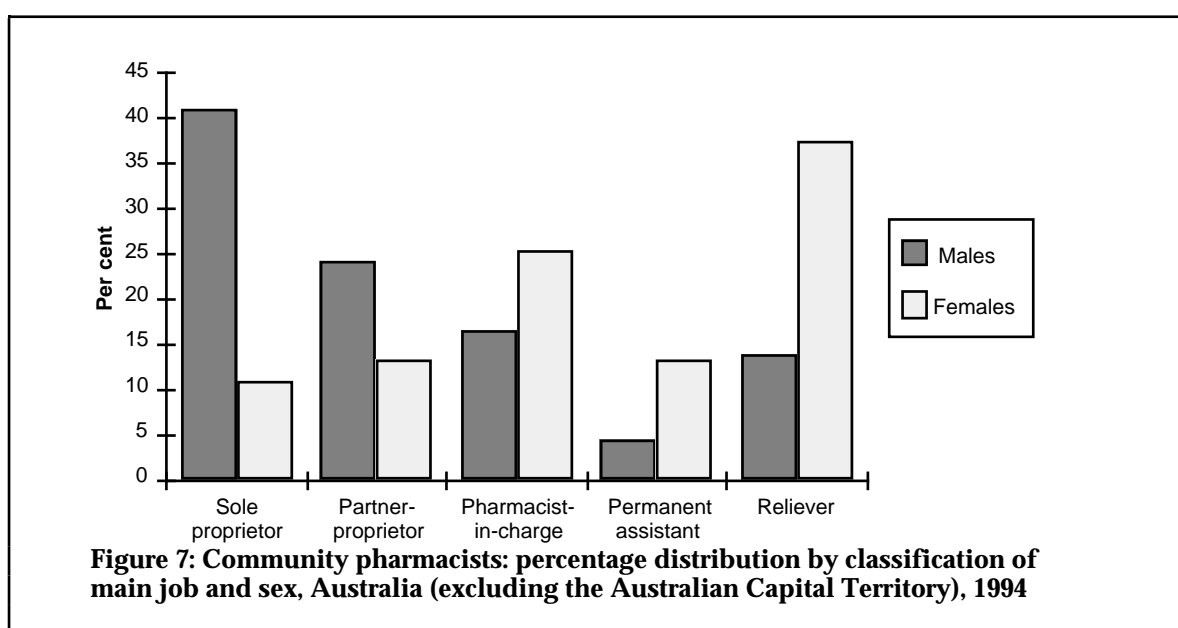
	1992	1993	1994	Increase 1992 to 1994	Increase 1993 to 1994
	(per cent)			(percentage points)	
<b>Community pharmacists</b>					
Female	37.6	38.2	38.7	1.1	0.5
Aged less than 30 years	n.a.	13.2	13.0	n.a.	-0.2
Aged 30–44 years	n.a.	32.4	32.3	n.a.	-0.1
Aged 45–64 years	n.a.	48.2	48.4	n.a.	0.2
Aged 65 or more years	n.a.	6.1	6.3	n.a.	0.2
Sole proprietor	30.4	30.3	30.3	-0.1	0.0
Partner-proprietor	20.4	19.6	20.5	0.1	0.9
Pharmacist-in-charge	17.4	18.1	20.5	3.1	2.4
Permanent assistant	6.8	7.8	8.1	1.3	0.3
Reliever, regular location	15.3	15.1	14.4	-0.9	-0.7
Reliever, various locations	9.7	9.1	6.5	-3.2	-2.6
Mall complex	20.5	19.4	19.9	-0.6	0.5
Non-mall shopping centre	74.5	75.1	75.0	0.5	-0.1
Medical centre	4.0	5.2	4.8	0.8	-0.4
Other	1.0	0.3	0.3	-0.7	0.0
Working part time	n.a.	32.5	32.3	n.a.	-0.2
Working full time	n.a.	67.5	67.7	n.a.	0.2
<b>Hospital/clinic pharmacists</b>					
Female	64.0	66.0	67.5	3.5	1.5
Aged less than 30 years	n.a.	20.9	21.5	n.a.	0.6
Aged 30–44 years	n.a.	44.2	43.0	n.a.	-1.2
Aged 45–64 years	n.a.	33.7	34.3	n.a.	0.6
Aged 65 or more years	n.a.	1.2	1.2	n.a.	0.0
Director	19.7	17.3	17.5	-2.2	0.2
Deputy director	8.1	7.6	7.4	-0.7	-0.2
Senior pharmacist	16.3	18.8	18.7	2.4	-0.1
Specialist pharmacist	33.3	30.9	26.4	-6.9	-4.5
Staff pharmacist	22.6	25.3	29.9	7.3	4.6
Working part time	n.a.	23.9	23.2	n.a.	-0.7
Working full time	n.a.	76.1	76.8	n.a.	0.7

Note: Calculations of percentages exclude non-response.

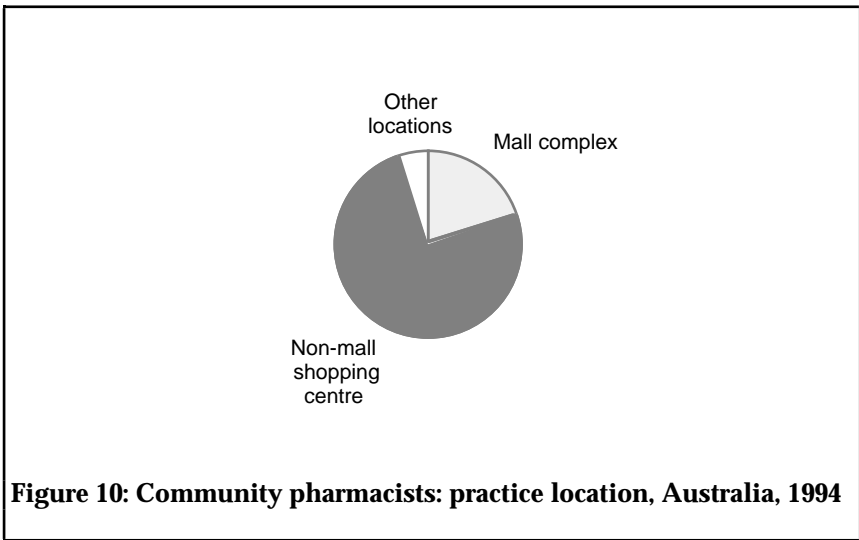
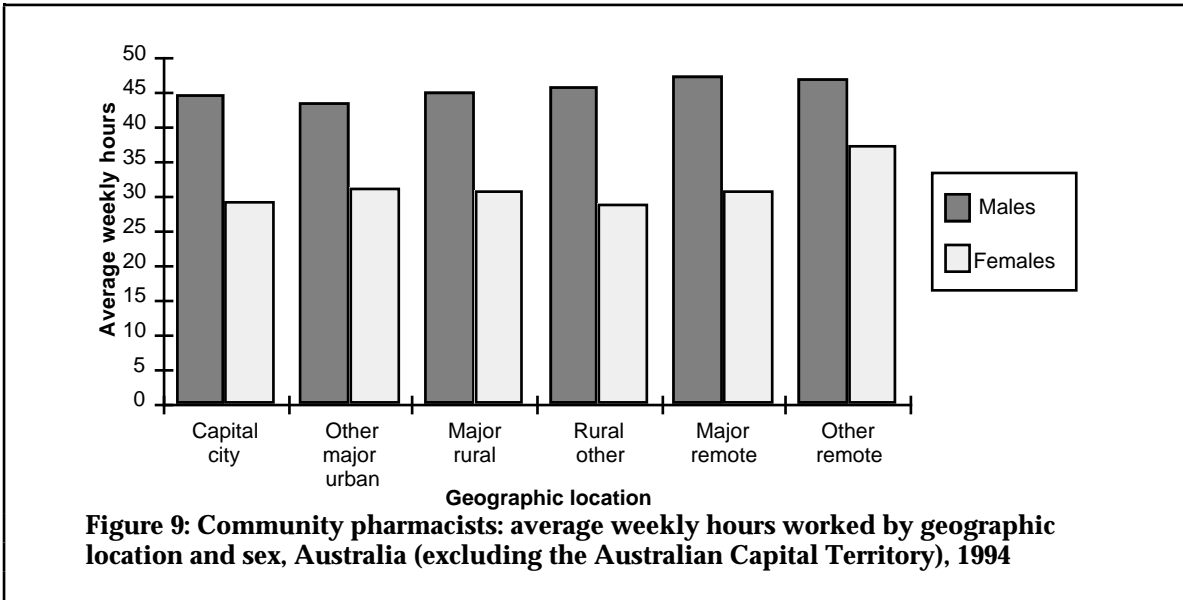
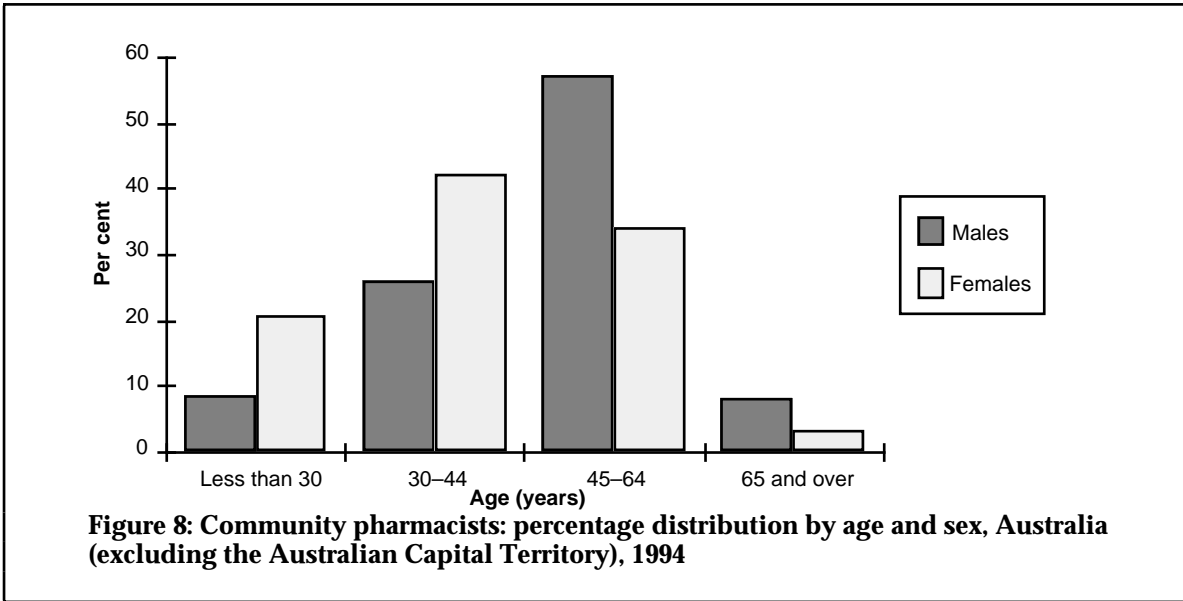
## 5 Community pharmacists

This section presents data for pharmacists employed as community pharmacists in their main job. The features of community pharmacists include:

- There were an estimated 10,639 community pharmacists working in Australia in 1994, 79.8% of all employed pharmacists. This proportion varied across States and Territories from 83.1% in Queensland to 59.7% in the Northern Territory.
- 38.6% of community pharmacists were female (excluding the Australian Capital Territory).
- Male community pharmacists were predominantly sole proprietors (41.1%) and partner-proprietors (24.2%), and most females were relievers (37.4%) and pharmacists-in-charge (25.4%). Of all relievers, 62.9% were female and only 14.3% of all proprietors and 25.3% of all partner-proprietors were female.
- 42.3% of female community pharmacists were aged between 30 and 44 years, whereas most male community pharmacists were aged between 45 and 64 years (57.3%). This age distribution varied with ownership classification. Almost half (48.8%) of female sole proprietors and partner-proprietors were aged 45 to 64 years, whereas pharmacists-in-charge and permanent assistants were more likely to be aged less than 30 years.
- 56.3% of female community pharmacists worked part-time, compared with 17.7% of males.
- Community pharmacists worked an average of 38.8 hours per week (44.6 hours for males and 29.7 hours for females). Hours worked were relatively consistent across all geographic locations with the exception of females in other remote areas where they averaged longer hours (37.2 hours per week).
- 75.0% of community pharmacists worked in a non-mall shopping centre, 19.9% worked in a mall complex, 4.8% in a medical centre and the remaining 0.3% in other locations.
- 70.9% of female and 64.5% of male community pharmacists worked in a capital city, and 10.1% of female and 11.6% of male community pharmacists worked in other rural and remote areas. In comparison, 63.2% of the population lived in capital cities and 16.1% lived in other rural and remote areas.







**Table 9: Community pharmacists: classification of main job, sex and States and Territories, 1994**

Classification	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Males</b>									
Sole proprietor	930	682	500	304	143	84	n.a.	7	2,650
Partner-proprietor	566	432	253	135	134	39	n.a.	3	1,563
Pharmacist-in-charge	400	221	205	102	110	9	n.a.	10	1,058
Permanent assistant	87	100	57	12	15	6	n.a.	5	283
Reliever, regular location	177	89	54	26	43	12	n.a.	0	400
Reliever, various locations	189	88	104	40	58	13	n.a.	2	493
<b>Total</b>	<b>2,349</b>	<b>1,612</b>	<b>1,173</b>	<b>619</b>	<b>503</b>	<b>163</b>	<b>n.a.</b>	<b>27</b>	<b>6,446</b>
<b>Females</b>									
Sole proprietor	187	93	83	40	21	13	n.a.	5	443
Partner-proprietor	235	140	85	25	25	16	n.a.	2	529
Pharmacist-in-charge	387	226	194	99	95	25	n.a.	4	1,030
Permanent assistant	158	210	102	33	24	7	n.a.	0	535
Reliever, regular location	405	309	157	109	66	27	n.a.	2	1,074
Reliever, various locations	157	87	90	37	43	25	n.a.	4	443
<b>Total</b>	<b>1,530</b>	<b>1,065</b>	<b>712</b>	<b>343</b>	<b>275</b>	<b>113</b>	<b>n.a.</b>	<b>16</b>	<b>4,054</b>
<b>Persons</b>									
Sole proprietor	1,117	775	583	343	165	97	32	12	3,124
Partner-proprietor	801	573	339	160	159	55	27	5	2,118
Pharmacist-in-charge	787	447	399	201	206	35	24	14	2,112
Permanent assistant	246	311	160	45	39	13	18	5	836
Reliever, regular location	582	398	211	135	109	38	27	2	1,501
Reliever, various locations	346	174	194	77	101	38	11	5	948
<b>Total</b>	<b>3,879</b>	<b>2,677</b>	<b>1,885</b>	<b>962</b>	<b>778</b>	<b>276</b>	<b>139</b>	<b>43</b>	<b>10,639</b>
<b>(per cent)</b>									
Sole proprietor	28.8	29.0	30.9	35.7	21.2	35.2	22.9	28.1	29.4
Partner-proprietor	20.7	21.4	18.0	16.6	20.5	19.9	19.3	12.0	19.9
Pharmacist-in-charge	20.3	16.7	21.2	20.9	26.4	12.6	17.4	31.8	19.8
Permanent assistant	6.3	11.6	8.5	4.7	5.0	4.6	12.8	11.8	7.9
Reliever, regular location	15.0	14.8	11.2	14.0	14.0	13.9	19.3	4.1	14.1
Reliever, various locations	8.9	6.5	10.3	8.0	12.9	13.9	8.3	12.2	8.9
<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>
<b>(females as a percentage of persons)</b>									
Sole proprietor	16.7	12.0	14.3	11.5	13.0	13.1	n.a.	44.1	14.3
Partner-proprietor	29.4	24.5	25.2	15.7	15.8	29.4	n.a.	34.5	25.3
Pharmacist-in-charge	49.2	50.5	48.6	49.2	46.4	73.0	n.a.	26.0	49.3
Permanent assistant	64.4	67.7	64.1	72.9	61.5	54.1	n.a.	0.0	65.4
Reliever, regular location	69.6	77.6	74.5	80.8	60.7	69.3	n.a.	100.0	72.9
Reliever, various locations	45.5	49.8	46.4	48.1	42.7	66.3	n.a.	67.8	47.4
<b>Total</b>	<b>39.4</b>	<b>39.8</b>	<b>37.8</b>	<b>35.7</b>	<b>35.3</b>	<b>40.9</b>	<b>n.a.</b>	<b>37.2</b>	<b>38.6</b>

**Table 10: Community pharmacists: classification of main job, full-time and part-time status, age and sex, Australia<sup>(a)</sup>, 1994**

Sex/classification	Age (years)				Total	% total
	Less than 30	30-44	45-64	65 and over		
<b>Full time</b>						
<b>Males</b>						
Sole proprietor	38	661	1,687	120	2,506	47.3
Partner-proprietor	77	473	745	62	1,357	25.6
Pharmacist-in-charge	270	300	340	29	939	17.7
Permanent assistant	79	57	89	5	230	4.3
Reliever, regular location	14	34	35	1	84	1.6
Reliever, various locations	14	39	111	22	186	3.5
<i>Total</i>	<i>492</i>	<i>1,564</i>	<i>3,007</i>	<i>239</i>	<i>5,302</i>	<i>100.0</i>
<b>Females</b>						
Sole proprietor	21	158	186	14	379	21.4
Partner-proprietor	17	73	98	7	195	11.0
Pharmacist-in-charge	385	213	104	3	705	39.8
Permanent assistant	188	64	36	3	289	16.3
Reliever, regular location	37	38	30	2	108	6.1
Reliever, various locations	22	35	35	3	95	5.3
<i>Total</i>	<i>670</i>	<i>581</i>	<i>488</i>	<i>32</i>	<i>1,770</i>	<i>100.0</i>
<b>Part time</b>						
<b>Males</b>						
Sole proprietor	0	20	106	18	143	12.5
Partner-proprietor	3	22	133	48	206	18.0
Pharmacist-in-charge	15	19	69	17	119	10.4
Permanent assistant	2	2	32	16	53	4.6
Reliever, regular location	13	29	172	103	316	27.7
Reliever, various locations	13	28	172	94	307	26.8
<i>Total</i>	<i>45</i>	<i>120</i>	<i>685</i>	<i>295</i>	<i>1,144</i>	<i>100.0</i>
<b>Females</b>						
Sole proprietor	0	34	29	1	64	2.8
Partner-proprietor	10	156	162	6	334	14.6
Pharmacist-in-charge	51	176	94	4	325	14.2
Permanent assistant	17	130	85	14	246	10.8
Reliever, regular location	65	497	357	47	967	42.3
Reliever, various locations	27	142	160	20	349	15.3
<i>Total</i>	<i>170</i>	<i>1,135</i>	<i>887</i>	<i>92</i>	<i>2,284</i>	<i>100.0</i>
<b>Total</b>						
<b>Males</b>						
Sole proprietor	38	681	1,793	138	2,650	41.1
Partner-proprietor	80	495	878	110	1,563	24.2
Pharmacist-in-charge	284	319	409	45	1,058	16.4
Permanent assistant	81	59	122	21	283	4.4
Reliever, regular location	26	63	207	104	400	6.2
Reliever, various locations	27	67	283	115	493	7.6
<i>Total</i>	<i>537</i>	<i>1,684</i>	<i>3,692</i>	<i>534</i>	<i>6,446</i>	<i>100.0</i>
<b>Females</b>						
Sole proprietor	21	192	214	15	443	10.9
Partner-proprietor	27	229	260	13	529	13.1
Pharmacist-in-charge	436	389	198	6	1,030	25.4
Permanent assistant	205	194	120	16	535	13.2
Reliever, regular location	103	535	387	50	1,074	26.5
Reliever, various locations	49	177	195	23	443	10.9
<i>Total</i>	<i>839</i>	<i>1,716</i>	<i>1,375</i>	<i>124</i>	<i>4,054</i>	<i>100.0</i>

(a) Excluding the Australian Capital Territory.

**Table 11: Community pharmacists: age, sex and States and Territories, 1994**

Age (years)	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
<b>Males</b>									
Less than 30	187	138	101	59	32	15	n.a.	4	537
30–44	486	472	282	226	149	58	n.a.	10	1,684
45–64	1,432	892	687	315	278	76	n.a.	11	3,692
65 and over	245	109	103	18	44	13	n.a.	2	534
<b>Total</b>	<b>2,350</b>	<b>1,611</b>	<b>1,173</b>	<b>618</b>	<b>503</b>	<b>162</b>	<b>n.a.</b>	<b>27</b>	<b>6,446</b>
<b>Females</b>									
Less than 30	289	194	155	115	58	27	n.a.	2	839
30–44	581	451	324	163	136	52	n.a.	9	1,716
45–64	612	384	205	58	76	35	n.a.	5	1,375
65 and over	49	36	28	6	5	0	n.a.	0	124
<b>Total</b>	<b>1,531</b>	<b>1,065</b>	<b>712</b>	<b>342</b>	<b>275</b>	<b>114</b>	<b>n.a.</b>	<b>16</b>	<b>4,054</b>
<b>Persons</b>									
Less than 30	476	332	256	174	90	42	n.a.	6	1,376
30–44	1,067	923	606	389	285	110	n.a.	19	3,400
45–64	2,044	1,276	892	373	354	111	n.a.	16	5,067
65 and over	294	145	131	24	49	13	n.a.	2	658
<b>Total</b>	<b>3,879</b>	<b>2,677</b>	<b>1,885</b>	<b>962</b>	<b>778</b>	<b>276</b>	<b>n.a.</b>	<b>43</b>	<b>10,500</b>
<b>(per cent)</b>									
Less than 30	12.3	12.4	13.6	18.1	11.6	15.2	n.a.	14.0	13.1
30–44	27.5	34.5	32.1	40.4	36.6	39.9	n.a.	44.2	32.4
45–64	52.7	47.7	47.3	38.8	45.5	40.2	n.a.	37.2	48.3
65 and over	7.6	5.4	6.9	2.5	6.3	4.7	n.a.	4.7	6.3
<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>n.a.</b>	<b>100.0</b>	<b>100.0</b>
<b>(females as a percentage of persons)</b>									
Less than 30	60.7	58.4	60.5	66.1	64.4	64.3	n.a.	33.3	61.0
30–44	54.5	48.9	53.5	41.9	47.7	47.3	n.a.	47.4	50.5
45–64	29.9	30.1	23.0	15.5	21.5	31.5	n.a.	31.3	27.1
65 and over	16.7	24.8	21.4	25.0	10.2	0.0	n.a.	0.0	18.8
<b>Total</b>	<b>39.5</b>	<b>39.8</b>	<b>37.8</b>	<b>35.6</b>	<b>35.3</b>	<b>41.3</b>	<b>n.a.</b>	<b>37.2</b>	<b>38.6</b>

**Table 12: Community pharmacists: hours worked, geographic location and sex, Australia<sup>(a)</sup>, 1994**

Hours worked per week	Geographic location						Total
	Capital city	Other major urban	Major rural	Rural other	Major remote	Other remote	
<b>Males</b>							
1-9	118	35	33	23	1	2	212
10-19	182	36	39	25	1	1	284
20-29	240	49	50	23	3	3	367
30-34	191	27	26	15	1	0	260
35-39	299	41	56	29	4	1	430
40-49	1,427	207	267	211	20	27	2,158
50-59	1,189	211	301	236	14	21	1,972
60 and over	511	74	90	66	11	8	761
<i>Total</i>	<i>4,157</i>	<i>680</i>	<i>860</i>	<i>629</i>	<i>56</i>	<i>63</i>	<i>6,446</i>
<i>Average weekly hours</i>	<i>44.5</i>	<i>43.4</i>	<i>44.8</i>	<i>45.9</i>	<i>47.4</i>	<i>46.8</i>	<i>44.6</i>
<b>Females</b>							
1-9	344	26	55	54	4	7	491
10-19	520	58	77	65	11	0	731
20-29	529	58	71	45	3	4	709
30-34	241	32	36	29	3	0	340
35-39	303	25	43	24	1	5	401
40-49	665	76	108	78	13	14	954
50-59	215	33	56	28	4	8	344
60 and over	55	6	12	8	1	1	83
<i>Total</i>	<i>2,873</i>	<i>314</i>	<i>457</i>	<i>331</i>	<i>40</i>	<i>39</i>	<i>4,054</i>
<i>Average weekly hours</i>	<i>29.3</i>	<i>31.0</i>	<i>30.8</i>	<i>28.8</i>	<i>30.8</i>	<i>37.2</i>	<i>29.7</i>
<b>Persons</b>							
1-9	462	61	88	77	5	9	702
10-19	702	94	116	90	13	1	1,016
20-29	769	107	121	68	5	7	1,077
30-34	432	59	62	44	4	0	600
35-39	602	66	98	54	5	6	831
40-49	2,092	283	374	289	33	41	3,112
50-59	1,404	244	357	265	18	29	2,316
60 and over	566	81	101	74	13	9	844
<b>Total</b>	<b>7,030</b>	<b>994</b>	<b>1,317</b>	<b>960</b>	<b>96</b>	<b>102</b>	<b>10,500</b>
<b>Average weekly hours</b>	<b>38.3</b>	<b>39.5</b>	<b>39.9</b>	<b>40.1</b>	<b>40.5</b>	<b>43.1</b>	<b>38.8</b>
<b>(per cent)</b>							
1-9	6.6	6.2	6.7	8.0	5.5	8.9	6.7
10-19	10.0	9.4	8.8	9.4	13.4	1.4	9.7
20-29	10.9	10.8	9.2	7.1	5.5	6.5	10.3
30-34	6.1	5.9	4.7	4.6	4.0	0.0	5.7
35-39	8.6	6.6	7.5	5.6	5.3	6.1	7.9
40-49	29.8	28.4	28.4	30.1	34.7	40.2	29.6
50-59	20.0	24.5	27.1	27.6	18.3	28.2	22.1
60 and over	8.1	8.1	7.7	7.7	13.2	8.7	8.0
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

(a) Excluding the Australian Capital Territory.

**Table 13: Community pharmacists: year of initial qualification and States and Territories, 1994**

Year of initial qualification	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Pre 1940	27	n.a.	13	3	2	3	n.a.	n.a.	49
1940–49	76	n.a.	51	8	25	5	n.a.	n.a.	164
1950–59	829	n.a.	312	102	151	34	n.a.	n.a.	1,427
1960–69	1,074	n.a.	533	211	182	61	n.a.	n.a.	2,061
1970–79	772	n.a.	403	227	171	80	n.a.	n.a.	1,654
1980–89	836	n.a.	463	246	189	66	n.a.	n.a.	1,800
1990 and later	263	n.a.	94	87	35	12	n.a.	n.a.	490
Not stated	0	2,677	16	80	22	15	139	43	2,993
<b>Total</b>	<b>3,879</b>	<b>2,677</b>	<b>1,885</b>	<b>962</b>	<b>778</b>	<b>276</b>	<b>139</b>	<b>43</b>	<b>10,639</b>
(per cent)									
Pre 1940	0.7	n.a.	0.7	0.3	0.3	1.3	n.a.	n.a.	0.6
1940–49	2.0	n.a.	2.7	0.9	3.3	1.8	n.a.	n.a.	2.1
1950–59	21.4	n.a.	16.7	11.5	20.0	12.9	n.a.	n.a.	18.7
1960–69	27.7	n.a.	28.5	23.9	24.1	23.2	n.a.	n.a.	27.0
1970–79	19.9	n.a.	21.6	25.7	22.6	30.8	n.a.	n.a.	21.6
1980–89	21.6	n.a.	24.8	27.9	25.0	25.4	n.a.	n.a.	23.5
1990 and later	6.8	n.a.	5.0	9.8	4.6	4.5	n.a.	n.a.	6.4
<b>Total</b>	<b>100.0</b>	<b>n.a.</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>n.a.</b>	<b>n.a.</b>	<b>100.0</b>

Note: Percentages have been calculated excluding 'not stated'.

**Table 14: Community pharmacists: practice location and States and Territories, 1994**

Practice location	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Mall complex	721	330	429	330	195	37	56	23	2,121
Non-mall shopping centre	3,026	2,267	1,271	525	554	232	82	20	7,976
Medical centre	128	74	173	101	28	7	0	0	512
Other	4	5	12	7	1	0	1	0	30
<b>Total</b>	<b>3,879</b>	<b>2,677</b>	<b>1,885</b>	<b>962</b>	<b>778</b>	<b>276</b>	<b>139</b>	<b>43</b>	<b>10,639</b>
(per cent)									
Mall complex	18.6	12.3	22.8	34.3	25.0	13.2	40.2	54.2	19.9
Non-mall shopping centre	78.0	84.7	67.4	54.5	71.2	84.1	58.9	45.8	75.0
Medical centre	3.3	2.8	9.2	10.5	3.6	2.6	0.0	0.0	4.8
Other	0.1	0.2	0.7	0.7	0.2	0.0	0.9	0.0	0.3
<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>

**Table 15: Community pharmacists: practice location, classification of main job and sex, Australia<sup>(a)</sup>, 1994**

Classification	Practice location				Total
	Mall complex	Non-mall shopping centre	Medical centre	Other	
<b>Males</b>					
Sole proprietor	427	2,103	115	5	2,650
Proprietor-partner	341	1,152	64	5	1,563
Pharmacist-in-charge	264	705	84	4	1,058
Permanent assistant	58	214	9	3	283
Reliever, regular location	70	315	15	0	400
Reliever, various locations	80	400	13	0	493
<i>Total</i>	<i>1,241</i>	<i>4,889</i>	<i>300</i>	<i>16</i>	<i>6,446</i>
<b>Females</b>					
Sole proprietor	65	356	20	1	443
Proprietor-partner	91	416	21	1	529
Pharmacist-in-charge	273	662	91	4	1,030
Permanent assistant	129	382	21	4	535
Reliever, regular location	196	828	50	1	1,074
Reliever, various locations	65	371	6	1	443
<i>Total</i>	<i>818</i>	<i>3,014</i>	<i>210</i>	<i>12</i>	<i>4,054</i>
<b>Persons</b>					
Sole proprietor	492	2,459	135	6	3,092
Proprietor-partner	432	1,568	85	6	2,092
Pharmacist-in-charge	537	1,367	176	7	2,087
Permanent assistant	187	596	30	6	818
Reliever, regular location	266	1,142	65	1	1,474
Reliever, various locations	145	771	19	1	936
<b>Total</b>	<b>2,059</b>	<b>7,903</b>	<b>509</b>	<b>29</b>	<b>10,500</b>
<b>(per cent)</b>					
Sole proprietor	23.9	31.1	26.4	21.9	29.5
Proprietor-partner	21.0	19.8	16.7	21.8	19.9
Pharmacist-in-charge	26.1	17.3	34.5	25.8	19.9
Permanent assistant	9.1	7.5	5.8	21.6	7.8
Reliever, regular location	12.9	14.5	12.8	4.3	14.0
Reliever, various locations	7.0	9.8	3.7	4.5	8.9
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>(females as a percentage of persons)</b>					
Sole proprietor	13.3	14.5	14.9	19.9	14.3
Proprietor-partner	21.0	26.5	24.8	19.8	25.3
Pharmacist-in-charge	50.8	48.4	52.0	49.9	49.3
Permanent assistant	68.9	64.1	70.5	59.6	65.4
Reliever, regular location	73.6	72.5	76.5	100.0	72.9
Reliever, various locations	44.7	48.1	34.0	100.0	47.4
<b>Total</b>	<b>39.7</b>	<b>38.1</b>	<b>41.2</b>	<b>43.3</b>	<b>38.6</b>

(a) Excluding the Australian Capital Territory.

**Table 16: Community pharmacists: practice location, full-time and part-time status, age and sex, Australia<sup>(a)</sup>, 1994**

Sex/practice location	Age (years)				Total	% total
	Less than 30	30–44	45–64	65 and over		
<b>Full time</b>						
<b>Males</b>						
Mall complex	132	368	515	28	1,043	24.5
Non-mall shopping centre	315	1,097	2,372	205	3,989	93.7
Medical centre	41	96	112	5	254	6.0
Other	4	2	7	1	15	0.3
<b>Total</b>	<b>492</b>	<b>1,195</b>	<b>2,492</b>	<b>211</b>	<b>4,258</b>	<b>100.0</b>
<b>Females</b>						
Mall complex	214	120	90	0	424	31.5
Non-mall shopping centre	404	419	368	32	1,222	90.8
Medical centre	46	39	30	0	115	8.6
Other	6	2	0	0	9	0.6
<b>Total</b>	<b>670</b>	<b>461</b>	<b>398</b>	<b>32</b>	<b>1,346</b>	<b>100.0</b>
<b>Part time</b>						
<b>Males</b>						
Mall complex	8	20	124	58	209	22.4
Non-mall shopping centre	32	91	530	235	888	94.9
Medical centre	6	8	31	2	46	4.9
Other	0	1	0	0	1	0.1
<b>Total</b>	<b>45</b>	<b>120</b>	<b>685</b>	<b>295</b>	<b>935</b>	<b>100.0</b>
<b>Females</b>						
Mall complex	36	226	123	10	395	20.9
Non-mall shopping centre	125	854	729	82	1,791	94.8
Medical centre	9	52	34	0	95	5.0
Other	0	2	1	0	4	0.2
<b>Total</b>	<b>170</b>	<b>1,135</b>	<b>887</b>	<b>92</b>	<b>1,889</b>	<b>100.0</b>
<b>Total</b>						
<b>Males</b>						
Mall complex	140	388	639	86	1,253	19.4
Non-mall shopping centre	347	1,188	2,902	441	4,877	75.7
Medical centre	47	104	143	6	300	4.7
Other	4	4	7	1	16	0.2
<b>Total</b>	<b>537</b>	<b>1,684</b>	<b>3,692</b>	<b>534</b>	<b>6,446</b>	<b>100.0</b>
<b>Females</b>						
Mall complex	250	346	213	10	819	20.2
Non-mall shopping centre	529	1,273	1,097	114	3,013	74.3
Medical centre	55	91	64	0	210	5.2
Other	6	5	1	0	12	0.3
<b>Total</b>	<b>839</b>	<b>1,716</b>	<b>1,375</b>	<b>124</b>	<b>4,054</b>	<b>100.0</b>
<b>(females as a percentage of persons)</b>						
<b>Full time</b>						
Mall complex	61.9	24.6	14.9	0.0	28.9	56.2
Non-mall shopping centre	56.2	27.6	13.4	13.5	23.5	49.2
Medical centre	52.8	29.1	21.1	0.0	31.2	58.9
Other	62.4	49.7	0.0	0.0	36.9	64.9
<b>Total</b>	<b>57.7</b>	<b>27.8</b>	<b>13.8</b>	<b>13.1</b>	<b>24.0</b>	<b>50.0</b>
<b>Part time</b>						
Mall complex	81.6	92.0	49.9	14.8	65.4	48.3
Non-mall shopping centre	79.8	90.4	57.9	25.9	66.8	50.0
Medical centre	62.1	86.5	52.2	0.0	67.3	50.4
Other	..	66.3	100.0	..	75.0	59.7
<b>Total</b>	<b>79.0</b>	<b>90.4</b>	<b>56.4</b>	<b>23.8</b>	<b>66.9</b>	<b>50.0</b>

(a) Excluding the Australian Capital Territory.