

Profile of the Pharmacist Workforce in NSW, 2001

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1

INTRODUCTION

The annual pharmacist workforce survey

Introduction

Each year, as part of the annual registration process for pharmacists in NSW, an Annual Workforce Survey is sent to each pharmacist currently registered with the Pharmacy Board of New South Wales. This report provides an overview of information from the 2001 workforce survey.

The response rate to the survey was higher than for 2000, increasing from 79.4% to 83.0%. The continued support of the Pharmacy Board of New South Wales, professional organisations and pharmacists participating in the survey is appreciated.

Availability of survey information

The previous summary of the Annual Survey data was produced in 2002, entitled "Profile of the Pharmacist Workforce in NSW, 2000". This profile reproduces the same data as for the 2000 survey, including the analysis of data on hospital pharmacists. Additional survey analysis data such as additional cross tabulations can be obtained by forwarding a written request to the contact address in the front of the publication. Contact should be made to clarify the information required and to determine if a fee may apply. A charging policy is available on request.

Strict procedures are followed to ensure the privacy of individual pharmacists who respond to the Survey. There is no access to identifying data, as individual names and addresses are not provided by the Board on the data file. Survey information will not be made available in any format that enables the identification of individual respondents.

Methodology

Timing of the 2001 Survey

Information from the 2001 Annual Workforce Survey relates to the 2001 registration renewal period. Renewal notices and surveys were forwarded in October 2001 to pharmacists registered with the Pharmacy Registration Board of New South Wales at that time. The renewal fee was due by the end of December in order for the pharmacist to be retained on the register, as non-financial pharmacists had their status altered by Board consent in mid January. Survey respondents completed the survey with information about their usual working situation at that time. Information regarding the registration status of pharmacists was provided by the Board which related to the period for 2001.

Workforce Survey coverage

Information from the Annual Workforce Survey does not cover all registered pharmacists in NSW. Only those registrants renewing their registration are forwarded a survey form. This normally excludes:

- **New registrants:** New registrants include new local graduates, interstate graduates and overseas trained pharmacists registering for the first time with the NSW Board who have had their qualifications recognised in NSW. These persons will normally not receive the Workforce survey, but some new registrants do receive the survey form if they also renew in the same financial year. If new registrants return a survey form, they are reclassified for the purposes of this profile as renewals (see Table 1.1).
- **Restorations:** Restorations are persons who have been restored to the register after a period in which they were not financial. These persons will not normally receive the annual survey, although some pharmacists are restorations simply due to late payment and may have returned a survey form (defined as "technical restorations").
- **Prior Payments:** persons who have paid for several years' registration in advance. These persons will normally only receive the Work force survey in the first year they are listed as prior payment.
- **Registration status pending:** generally persons due for renewal between October and December who have not re-registered by the end of the survey period. These persons will most likely appear as deletions or restorations in the following year.

Care should be taken when interpreting this data as some individual pharmacists may be included in more than one of the categories during the twelve month period.

Figures have not been adjusted for non-response

Data in this publication have not been adjusted for unknown information (both survey non-response and registration data such as year of birth). When interpreting the tables, consideration should be given to the impact of unknown data:

- The absence of data due to non-response results in an under-representation of the size of the workforce in individual tables.
- The workforce characteristics of non-respondents may differ from the characteristics of survey respondents (for example, respondents may be more likely than non-respondents to be in the workforce). Weighting the survey data according to non-response alone may result in an over-estimation or under-estimation in some categories.
- The workforce characteristics of pharmacists who are not part of the survey target group (that is, new registrants and restorations) may differ from the characteristics of the survey population.

Calculating total unknown data for the survey

In determining the total unknown data for a particular question, consideration should be given to:

- **Unknown data for the question or questions comprising the table**, as indicated at the foot of each table. This may also include information that is unknown due to registration data (eg, year of birth) being unavailable from the Board.
- **Non-response to any filtering questions.** Data on second job will be affected by the lack of the explicit question “Do you have a 2nd job?” The number of persons with second jobs has been estimated from the highest response to any one question (Table 3.5: Field of pharmacy- second job, n= 826) and used to estimate unknown data in relevant questions.
- **Non-response to the survey.** Survey response rates are presented in Table 1.1.

It should be noted that limitations in the survey data prevent a distinction between non-response and alternatives such as “no”, “other” or “zero”. Information regarding this is noted at the foot of the relevant tables.

Conventions used in this publication

Throughout this publication, figures within the tables may not add to the total shown where it has been necessary to round numbers. Percentages printed as 0.0 may denote less than 0.05%.

Italics are used to report unknown data.

0 is used for zero.

Bold is used to indicate a total or subtotal.

— denotes not applicable.

n/a denotes data is not available.

Category of Pharmacist Registration

Table 1.1: Persons registered as Pharmacists in NSW, 2001

Category of registration	No. Row %		No. Row %		No. Row %	
	Female		Male		Total	
New registrations(only status) ²	69	56.0%	54	44.0%	123	100.0%
Restorations	24	66.7%	19	33.3%	43	100.0%
"True" restorations	10	50.0%	8	50.0%	18	100.0%
"Technical" restorations ³	14	75.0%	11	25.0%	25	100.0%
Renewals	3,300	48.8%	3,212	51.2%	6512	100.0%
Deletions	110	44.3%	133	55.7%	243	100.0%
New registrations (total) ²	128	58.4%	91	41.6%	219	100.0%

Notes:

- ¹ The table includes information on pharmacists who were financial with the Board during 2001
- ² Some pharmacists are included in more than one category during the twelve month period. There were 219 new registrations in total, but 96 of those were also renewals within the survey period. These have been counted as renewals.
- ³ There were 25 restorations of the total of 43 who had survey forms, and are therefore categorised as "technical restorations", because they renewed their registration after the cut off date and were then restored to the register.

In 2001, there were 6,670 pharmacists financially registered with the Pharmacy Board of NSW, a decline of 407 from the 7,077 pharmacists registered in 2000. Of these, 3,387 (50.8%) were female and 3,283 (49.2%) were male. Table 1.1 provides an overview of the number of pharmacists in each category of registration.

Response rate to Workforce Annual Survey

The response rate to the 2001 Pharmacy Workforce Annual Survey was 83.0%, higher than the response rates in 1999 and 2000.

Table 1.2: Response Rate to Pharmacist Annual Workforce Survey, 1999 - 2001

	No.	Rate	No.	Rate
	1999		2000	2001
Formal response rate				
<i>Survey respondents</i> ¹ who were <i>renewals</i> ²	5,307		5,498	5,427
<i>Total renewals</i> ²	6,645	79.9%	6,927	79.4%
				83.0%

- Notes:**
1. A "survey respondent" is defined as a renewal who provides information to the question on working status. There were 1,004 survey forms with no data on workforce status and workforce status could not be determined. 106 pharmacists did not return any survey form
 2. "Renewal" is defined as a person recorded as renewing their registration although other actions may also have been recorded (technical restoration, new registration).

Determining the response rate to the survey is complicated by the relationship between the survey and the renewal process. While new registrants and restorations do not generally receive the survey, some may if they also receive a renewal notice within the twelve month survey period. Additionally, some persons sent renewal notices do not renew their registration and therefore do not return surveys. All survey responses from financially registered pharmacists are presented in Tables 1.3 and 1.4. Tables 3.1 to 3.29 describe the working renewals cohort only.

Work Status

There were 5,427 pharmacists who provided data on workforce status (including those mentioned in Note 1 to Table 1.2). This resulted in 4,221 working renewal survey respondents in 2001, lower than for the 4,282 working renewal survey respondents in 2000. Working renewals are those respondents who:

- Were financially registered and renewed their registration in 2001
- Returned a workforce survey indicating their work status; and
- Indicated that their work status was one of the following three categories:
 - Working in pharmacy only in NSW
 - Working in pharmacy mainly in NSW, but also in other states
 - Working in pharmacy in NSW, but on extended leave (see Table 1.3)

Table 1.3: Work status of Pharmacist Workforce Survey respondents¹, NSW, in 2001

Work Status	No.	%	No.	%	No.	%	%	%
	Female		Male		Total		Excludes N/R	Female
Working in pharmacy								
Only in NSW	2,087	64.2%	2,056	64.7%	4,143	64.4%	76.3%	50.4%
Mainly in other states, but also in NSW	14	0.4%	24	0.8%	38	0.6%	0.7%	36.8%
Mainly in NSW, but also in other states	16	0.5%	22	0.7%	38	0.6%	0.7%	42.1%
Only in states other than NSW	90	2.8%	139	4.4%	229	3.6%	4.2%	39.3%
Working in NSW but currently on leave	33	1.0%	7	0.2%	40	0.6%	0.7%	82.5%
Working overseas	111	3.4%	78	2.5%	189	2.9%	3.5%	58.7%
Not Working in/ practicing in pharmacy								
Currently not working	216	6.6%	195	6.1%	411	6.4%	7.6%	52.6%
Currently working, not in pharmacy	204	6.3%	135	4.2%	339	5.3%	6.2%	60.2%
Work Status Unknown								
Non-response to survey question ²	480	14.8%	524	16.5%	1,004	15.6%		47.8%
Total	3251	100.0%	3,180	100.0%	6,431	100.0%	100.0%	50.6%

No forms

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- Notes:**
1. There were 6,431 forms from pharmacists renewing their registration, of whom 1,004 did not reply to the question on working status. (see Note 1 to Table 1.2)
 2. Percentages include the non-response to the survey. These are recalculated to determine the proportion of respondents by work status.

The workforce participation rate was 77.7% in total, with males slightly more likely to be in the workforce than females.

Pharmacists seeking work

Table 1.4: Seeking Work in Pharmacy in NSW, 2001

Nature of work sought	No.	%	No.	%	No.	%	%	
	Female		Male		Total		Female	
Not looking for work in pharmacy	374	91.0%	306	93.9%	680	92.3%	55.0%	
Looking for work in pharmacy:								
- either full time or part time	7	1.7%	4	1.2%	11	1.5%	63.6%	
- full time	3	0.7%	1	0.3%	4	0.5%	75.0%	
- part time	25	6.1%	15	4.6%	40	5.4%	62.5%	
- not specified	2	0.5%	0	0.0%	2	0.3%	100.0%	
Total	411	100.0%	326	100.0%	737	100.0%	55.8%	
<i>non response</i>	9	2.1%	4	1.2%	13	1.7%		

Note: Table includes only those survey respondents in Table 1.3 who indicated that they were not currently working or currently working but not in pharmacy (n=750)

Estimating Workforce Size

The 2001 Profile of the Medical Workforce in NSW (NSW Health Department, 2001) estimated the size of the medical workforce in New South Wales, using the following approach:

- Assume the proportion of survey respondents working in NSW represents the proportion of all renewals working in NSW (77.7% for pharmacists in 2001)
- Assume 90% of new registrants are working in NSW
- Assume 80% of other registrants are working in NSW (excluding deletions)

This results in 5,084 working renewals, 111 working new registrants, and 20 working registrants in other categories, with a total estimated workforce size of 5,215 pharmacists, a reduction of 315 or 5.7% from the estimated 5,530 pharmacists working in 2000.

Estimating Full-Time Equivalent Workforce (FTE)

The numbers of hours worked by pharmacists on average per week for all jobs together (see Table 3.11) can be converted to full-time equivalents (FTEs) which becomes a measure of the productive workforce. This is shown in Table 3.14, where the total hours worked by pharmacists in each age and hours worked group are divided by 35 to calculate the FTE workforce. Thirty five hours is used as the measure of full time work based on workforce definitions developed by the Australian Bureau of Statistics.

A ratio of FTEs to the total headcount workforce can then be calculated, to determine the relative productivity of the workforce.

Table 3.14 has not been adjusted to the estimated size of the workforce accounting for non response, and therefore shows an FTE workforce of 4,468.3 pharmacists compared to a headcount of 4,154 pharmacists (see Table 3.11). Therefore the FTE ratio is 1.076, indicating that pharmacists are 7.6% more productive on average than the workforce equivalent (based on 35 hours per week). The FTE ratio of 1.076 applied to the estimated workforce size of 5,530 headcount calculated above results in an estimated FTE workforce of 5,470.4 pharmacists, a reduction of 490.9 FTE from the estimated workforce of 5,961.3 FTE pharmacists in 2000.

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PHARMACISTS WORKING IN NSW

This section documents the number and characteristics of pharmacists working in NSW.

- From 2000 to 2001, the NSW pharmacist workforce is estimated to have reduced from a headcount of 5,530 to 5,215 (after adjusting for non response, see Section 1, p.6, "Estimating Workforce Size"). This represents a decrease of 315 or 5.7% in that period.
- Workforce participation rates for pharmacists in NSW were constant between 2000 and 2001 (from 77.9% to 77.8%).
- The proportion of women in the pharmacist workforce is 50.6%, and the proportion of men in the pharmacist workforce is 49.4%, with a greater proportion of women in younger age groups. Some 42.3% of the female workforce were aged under 40, while 26.7% or one quarter of males were under forty years in 2001. However, women are greater in numbers in all age groups younger than 55 years, while men are significantly higher in numbers in the 55 year age group and older age groups.
- There is a much higher proportion of women working as hospital/clinic pharmacists (79.0% of all hospital/clinic pharmacists) than the proportion of women working as community (retail) pharmacists (44.6%) in their main job.
- Some 34.6% of the workforce are aged under forty years, 23.4% are aged 40 to 49 years, 20.9% are aged 50 to 59 years, and 21.2% of the workforce are 60 years and older. This indicates an older workforce overall, with the modal age ranges being 40 to 44 years (ie the age range with the greatest numbers of working pharmacists).
- Some 7.5% of pharmacists working in NSW are also registered interstate, with the highest proportion being registered in Queensland followed by Victoria .
- Some 79.9% of the workforce are community/retail pharmacists in their main job, with 12.9% working as hospital/clinic pharmacists, 2.9% as industrial pharmacists, 2.9% in other categories, 0.9% in administration and 0.6% in teaching. This varies with the second job, with 86.3% working as community/retail pharmacists, 6.1% working as hospital/clinic pharmacists, 4.1% in other positions, 2.7% as teachers/educators, and 0.5% in administration.
- The large majority of community pharmacists are in an in-charge position (86.9%) in their main job, while only 13.1% are staff pharmacists. However, just over half of community pharmacists are salaried (54.1%), 27.7% are sole proprietors, and 18.2% are in a partnership as proprietors. A large majority are in permanent positions, either full time or part time (84.0%), while 16.0% are relievers

in either one or more locations. The proportion of pharmacists in charge is similar for a second job at 85.2%, while 14.8% are staff pharmacists. However, a large majority of community pharmacists (87.0%) in a second community pharmacy position are salaried, 4.5% are sole proprietors, and 8.5% are in a partnership as proprietors. Just over half or 55.1% are in permanent positions in a second job, either full time or part time, while 44.9% are relievers in either one or more locations.

- For hospital/clinic pharmacists, 15.1% are in a director position in their main job, 4.5% are in a deputy director position, 18.8% are senior pharmacists, just over a third (37.5%) are clinical pharmacists, and 24.1% are pharmacists. There are very few hospital/clinic pharmacists in a second job overall (n= 53) and the largest numbers are in pharmacist positions (71.7%) and clinical pharmacist positions (18.9%).
- Some 40.6% of pharmacists reported working part time in their main job (hours worked less than 35 hours per week) and 59.4% reported working full time. Women were more likely to work part time than men (51.8% of women compared with 28.9% of men). Some 98.8% of pharmacists reported working part time in their **second** job (hours worked less than 35 hours per week). Some 35.9% of pharmacists reported working part time in their **total job hours** (hours worked less than 35 hours per week). Women were more likely to work part time than men (46.8% of women compared with 24.7% of men). The modal range of hours worked (the hours range with the greatest numbers of working pharmacists) 50 to 59 hours per week.
- The majority of community/retail pharmacists work full time (63.6%) while a similar proportion of hospital/clinic pharmacists (62.3%) reported working full time. The modal hours range for community/retail pharmacists was 50 to 59 hours (18.3% of all community/retail pharmacists) while it was 40 to 44 hours for hospital/clinic pharmacists (28.1%).
- The full time equivalent pharmacist workforce (FTE workforce) consists of 4,468.3 FTE (see Table 3.14) from the 4,154 pharmacists who provided data on their hours worked (Table 3.11). Therefore the proportion of the FTE workforce of 107.6% compared to total numbers indicates that there is a greater than one to one relationship. This is due to the number of pharmacists who work 35 hours or greater contributing more to the productive workforce than those working less than 35 hours. Women were 2,016.8 FTE (45.2% of the FTE workforce) and men 2,449.8 FTE (54.8%), indicating that the greater hours worked by males result in their higher productivity rates (males were 49.4% of the headcount workforce).
- The large majority of pharmacists work in the private sector (85.6%) while the public sector accounted for 14.4% of pharmacists in 2001 in their main job. Community pharmacists are 79.8% of the total workforce, and hospital pharmacists in general hospitals 11.0%. The only other employment area of any size is private pharmaceutical organisations, with 2.9% of pharmacists. This trend is more pronounced in the second job, with 94.3% in the private sector and only 5.7% in the public sector.
- Stand alone premises account for 70.4% of premises in a main job, and 64.1% in a second job. Some 24.0% of premises are in a shopping mall complex in a main job, and 27.3% in a second job.
- In 2000, the main job for 82.7% of pharmacists was located in Metropolitan Area Health Services, with 68.1% in Metropolitan Sydney and 14.6% in other major Metropolitan areas. Northern Sydney was the main job location for 19.2% of pharmacists with South Eastern Sydney having 18.0%. Rural Area Health services were the main job location for 17.0% of pharmacists, with Mid North Coast having the highest proportion in a rural area at 3.3%. For the second job there is a higher proportion of pharmacists working in Metropolitan Area Health Services.
- There was 80.7% of community retail pharmacists working in Metropolitan Area Health Services in their main job, and 87.0% of hospital/clinic pharmacists.

3

WORKFORCE TABLES

Table 3.1 Age and sex distribution of pharmacists working in NSW, 2001

Age group	No.		%		No.		%		Per cent Female
	Female		Male		Total				
19-24	113	5.6%	50	2.5%	163	4.1%			69.3%
25-29	290	14.4%	192	9.7%	482	12.1%			60.2%
30-34	299	14.8%	182	9.2%	481	12.0%			62.2%
35-39	151	7.5%	104	5.3%	255	6.4%			59.2%
40-44	305	15.1%	194	9.8%	499	12.5%			61.1%
45-49	289	14.3%	147	7.4%	436	10.9%			66.3%
50-54	216	10.7%	187	9.4%	403	10.1%			53.6%
55-59	159	7.9%	273	13.8%	432	10.8%			36.8%
60-64	111	5.5%	359	18.1%	470	11.8%			23.6%
65-69	59	2.9%	183	9.2%	242	6.1%			24.4%
70-74	18	0.9%	86	4.3%	104	2.6%			17.3%
75+	5	0.2%	23	1.2%	28	0.7%			17.9%
Total	2015	100.0%	1980	100.0%	3,995	100.0%			50.4%
<i>Unknown¹</i>	121	5.7%	105	5.0%	226	5.4%			

Table 3.2: Pharmacists registered in NSW with registration to work as a pharmacist in other States of Australia, 2001

Age group	No.		%		No.		%		Per cent Female
	Female		Male		Total				
Registered interstate	139	6.5%	178	8.6%	317	7.5%			43.8%
Not registered interstate	1991	93.5%	1900	91.4%	3,891	92.5%			51.2%
Total	2130	100.0%	2078	100.0%	4,208	100.0%			50.6%
<i>Non-response:</i>	6	0.3%	7	0.3%	13	0.3%			

	No. % of registered interstate		No. % of registered interstate		No. % of registered interstate	
	Female		Male		Total	
Registered in:						
Victoria	32	26.4%	29	16.2%	61	20.3%
Queensland	39	32.2%	91	50.8%	130	43.3%
Western Australia	6	5.0%	6	3.4%	12	4.0%
South Australia	6	5.0%	8	4.5%	14	4.7%
Tasmania	4	3.3%	0	0.0%	4	1.3%
Australian Capital Territory	15	12.4%	25	14.0%	40	13.3%
Northern Territory	19	15.7%	20	11.2%	39	13.0%
Total	121		179		300	

NB: Individual survey respondents may be included in more than one of the above categories.

Table 3.3: Resident status of pharmacists working in NSW, 2001

Residential Status	No.		%		No.		%		Per cent Female
	Female		Male		Total				
Australian Citizen	2,038	95.6%	1,975	95.1%	4,013	95.4%			50.8%
Not an Australian Citizen									
Permanent resident	75	3.5%	91	4.4%	166	3.9%			45.2%
Not permanent resident	12	0.6%	9	0.4%	21	0.5%			57.1%
Not stated	6	0.3%	2	0.1%	8	0.2%			75.0%
Total	2,131	100.0%	2,077	100.0%	4,208	100.0%			50.6%
<i>Non-response:</i>	5	0.2%	8	0.4%	13	0.3%			

Table 3.4: Field of pharmacy, main job - pharmacists working in NSW, 2001

Field of pharmacy - 1st job	No.		%		No.		%		Per cent Female
	Female		Male		Total				
Community/ retail pharmacist	1484	70.3%	1841	89.6%	3,325	79.9%			44.6%
Hospital/ clinic pharmacist	425	20.1%	113	5.5%	538	12.9%			79.0%
Industrial Pharmacist	85	4.0%	35	1.7%	120	2.9%			70.8%
Administration	16	0.8%	20	1.0%	36	0.9%			44.4%
Teacher/ Education	18	0.9%	8	0.4%	26	0.6%			69.2%
Other	82	3.9%	37	1.8%	119	2.9%			68.9%
Total	2110	100.0%	2054	100.0%	4,164	100.0%			50.7%
<i>Non-response:</i>	26	1.2%	31	1.5%	57	1.4%			

Table 3.5: Field of pharmacy, second job - pharmacists working in NSW, 2001

Field of pharmacy - 2nd job	No.		%		No.		%		Per cent Female
	Female		Male		Total				
Community/ retail pharmacist	440	86.6%	291	85.8%	731	86.3%			60.2%
Hospital/ clinic pharmacist	31	6.1%	21	6.2%	52	6.1%			59.6%
Industrial Pharmacist	2	0.4%	0	0.0%	2	0.2%			100.0%
Administration	1	0.2%	3	0.9%	4	0.5%			25.0%
Teacher/ Education	17	3.3%	6	1.8%	23	2.7%			73.9%
Other	17	3.3%	18	5.3%	35	4.1%			48.6%
Total	508	100.0%	339	100.0%	847	100.0%			60.0%
<i>Non-response:</i>	1628	76.2%	1746	83.7%	3,374	79.9%			

Table 3.6: Nature of employment, pharmacists working in community (retail) pharmacy in main job, NSW, 2001

Employment status - main job	No.		%		No.		%	
	Female		Male		Total		Per cent Female	
Classification of current job								
Pharmacist in charge	1185	80.8%	1662	91.8%	2,847	86.9%	41.6%	
Staff pharmacist	282	19.2%	148	8.2%	430	13.1%	65.6%	
Total	1467	100.0%	1810	100.0%	3,277	100.0%	44.8%	
<i>Non-response:</i>	17	1.1%	31	1.7%	48	1.4%		
Sole proprietor, partner, or salaried								
Sole proprietor	232	16.1%	664	36.9%	896	27.7%	25.9%	
Partner-proprietor	198	13.8%	392	21.8%	590	18.2%	33.6%	
Salaried	1010	70.1%	743	41.3%	1753	54.1%	57.6%	
Total	1440	100.0%	1799	100.0%	3239	100.0%	44.5%	
<i>Non-response:</i>	44	3.0%	42	2.3%	86	2.6%		
Nature of employment position								
Permanent (full time or part time)	1219	83.7%	1516	84.3%	2735	84.0%	44.6%	
Reliever, one location	142	9.7%	111	6.2%	253	7.8%	56.1%	
Reliever - various locations	96	6.6%	171	9.5%	267	8.2%	36.0%	
Total	1457	100.0%	1798	100.0%	3255	100.0%	44.8%	
<i>Non-response:</i>	27	1.8%	43	2.3%	70	2.1%		

Table 3.7: Nature of employment, pharmacists working in community (retail) pharmacy in second job, NSW, 2001

Employment status - second job	No.		%		No.		%	
	Female		Male		Total		Per cent Female	
Classification of current job								
Pharmacist in charge	259	84.4%	201	86.3%	460	85.2%	56.3%	
Staff pharmacist	48	15.6%	32	13.7%	80	14.8%	60.0%	
Total	307	100.0%	233	100.0%	540	100.0%	56.9%	
<i>Non-response:</i>	1177	79.3%	1608	87.3%	2,785	83.8%		
Sole proprietor, partner, or salaried								
Sole proprietor	11	3.7%	13	5.6%	24	4.5%	45.8%	
Partner-proprietor	13	4.3%	32	13.9%	45	8.5%	28.9%	
Salaried	277	92.0%	186	80.5%	463	87.0%	59.8%	
Total	301	100.0%	231	100.0%	532	100.0%	56.6%	
<i>Non-response:</i>	1183	79.7%	1610	87.5%	2793	84.0%		
Nature of employment position								
Permanent (full time or part time)	181	58.4%	121	50.8%	302	55.1%	59.9%	
Reliever, one location	61	19.7%	46	19.3%	107	19.5%	57.0%	
Reliever - various locations	68	21.9%	71	29.8%	139	25.4%	48.9%	
Total	310	100.0%	238	100.0%	548	100.0%	56.6%	
<i>Non-response:</i>	1174	79.1%	1603	87.1%	2777	83.5%		

Table 3.8: Job classification of hospital/clinic pharmacists working in NSW, main and second job, 2001

	No.		%		No.		%		Per cent female
	Female		Male		Total				
Main job									
Director	51	12.2%	29	25.9%	80	15.1%			63.8%
Deputy Director	15	3.6%	9	8.0%	24	4.5%			62.5%
Senior Pharmacist	76	18.1%	24	21.4%	100	18.8%			76.0%
Clinical Pharmacist	177	42.2%	22	19.6%	199	37.5%			88.9%
Pharmacist	100	23.9%	28	25.0%	128	24.1%			78.1%
Total	419	100.0%	112	100.0%	531	100.0%			78.9%
<i>Non-response:</i>	6	1.4%	1	0.9%	7	1.3%			
Second job									
Director	1	2.3%	0	0.0%	1	1.9%			100.0%
Deputy Director	0	0.0%	1	11.1%	1	1.9%			0.0%
Senior Pharmacist	1	2.3%	2	22.2%	3	5.7%			33.3%
Clinical Pharmacist	10	22.7%	0	0.0%	10	18.9%			100.0%
Pharmacist	32	72.7%	6	66.7%	38	71.7%			84.2%
Total	44	100.0%	9	100.0%	53	100.0%			83.0%
<i>Non-response:</i>	381	89.6%	104	92.0%	485	90.1%			

Table 3.9: Total hours usually worked per week in pharmacy - main job

Hours per week	No.		%		No.		%		Per cent female
	Female		Male		Total				
1-9	190	9.0%	104	5.1%	294	7.1%			64.6%
10-19	337	16.0%	181	8.9%	518	12.5%			65.1%
20-29	383	18.2%	175	8.6%	558	13.5%			68.6%
30-34	180	8.5%	129	6.3%	309	7.5%			58.3%
35-39	250	11.9%	179	8.8%	429	10.4%			58.3%
40-44	350	16.6%	308	15.1%	658	15.9%			53.2%
45-49	167	7.9%	275	13.5%	442	10.7%			37.8%
50-59	172	8.2%	447	22.0%	619	14.9%			27.8%
60-69	55	2.6%	187	9.2%	242	5.8%			22.7%
>70	22	1.0%	50	2.5%	72	1.7%			30.6%
Total	2106	100.0%	2035	100.0%	4141	100.0%			50.9%
<i>No hours reported</i>	30	1.4%	50	2.4%	80	1.9%			

Table 3.10: Total hours usually worked per week in pharmacy - 2nd job

Hours per week	No.		%		No.		%		Per cent female
	Female		Male		Total				
1-9	305	61.5%	171	49.1%	476	56.4%			64.1%
10-19	152	30.6%	133	38.2%	285	33.8%			53.3%
20-29	30	6.0%	31	8.9%	61	7.2%			49.2%
30-34	6	1.2%	5	1.4%	11	1.3%			54.5%
35-39	0	0.0%	1	0.3%	1	0.1%			0.0%
40-44	2	0.4%	4	1.1%	6	0.7%			33.3%
45-49	0	0.0%	1	0.3%	1	0.1%			0.0%
50-59	0	0.0%	0	0.0%	0	0.0%			0.0%
60-69	0	0.0%	1	0.3%	1	0.1%			0.0%
>70	1	0.2%	1	0.3%	2	0.2%			50.0%
Total	496	100.0%	348	100.0%	844	100.0%			58.8%
<i>No hours reported</i>	1640	76.8%	1737	83.3%	3,377	80.0%			

Table 3.11: Total hours usually worked per week by all pharmacists - all jobs

Hours per week	Female		Male		Total		Per cent female
	No.	%	No.	%	No.	%	
1-9	148	7.0%	85	4.2%	233	5.6%	63.5%
10-19	272	12.9%	162	7.9%	434	10.4%	62.7%
20-29	389	18.4%	154	7.5%	543	13.1%	71.6%
30-34	179	8.5%	104	5.1%	283	6.8%	63.3%
35-39	236	11.2%	170	8.3%	406	9.8%	58.1%
40-44	377	17.9%	304	14.9%	681	16.4%	55.4%
45-49	207	9.8%	305	14.9%	512	12.3%	40.4%
50-59	209	9.9%	496	24.3%	705	17.0%	29.6%
60-69	66	3.1%	203	9.9%	269	6.5%	24.5%
>70	28	1.3%	60	2.9%	88	2.1%	31.8%
Total	2111	100.0%	2043	100.0%	4154	100.0%	50.8%
<i>No hours reported</i>	25	1.2%	42	2.0%	67	1.6%	

Table 3.12: Total hours usually worked per week by community (retail) pharmacists - all jobs

Hours per week	Female		Male		Total		Per cent female
	No.	%	No.	%	No.	%	
1-9	123	8.4%	74	4.1%	197	6.0%	62.4%
10-19	212	14.4%	150	8.3%	362	11.0%	58.6%
20-29	274	18.7%	133	7.3%	407	12.4%	67.3%
30-34	136	9.3%	92	5.1%	228	6.9%	59.6%
35-39	158	10.8%	142	7.8%	300	9.1%	52.7%
40-44	212	14.4%	243	13.4%	455	13.9%	46.6%
45-49	140	9.5%	274	15.1%	414	12.6%	33.8%
50-59	143	9.7%	457	25.2%	600	18.3%	23.8%
60-69	53	3.6%	192	10.6%	245	7.5%	21.6%
>70	17	1.2%	57	3.1%	74	2.3%	23.0%
Total	1468	100.0%	1814	100.0%	3,282	100.0%	44.7%
<i>No hours reported</i>	16	1.1%	27	1.5%	43	1.3%	

Table 3.13: Total hours usually worked per week by hospital/clinic pharmacists - all jobs

Hours per week	Female		Male		Total		Per cent female
	No.	%	No.	%	No.	%	
1-9	14	3.3%	5	4.6%	19	3.6%	73.7%
10-19	45	10.6%	4	3.7%	49	9.2%	91.8%
20-29	87	20.5%	11	10.2%	98	18.4%	88.8%
30-34	32	7.5%	3	2.8%	35	6.6%	91.4%
35-39	57	13.4%	15	13.9%	72	13.5%	79.2%
40-44	115	27.1%	35	32.4%	150	28.1%	76.7%
45-49	36	8.5%	16	14.8%	52	9.8%	69.2%
50-59	29	6.8%	13	12.0%	42	7.9%	69.0%
60-69	5	1.2%	4	3.7%	9	1.7%	55.6%
>70	5	1.2%	2	1.9%	7	1.3%	71.4%
Total	425	100.0%	108	100.0%	533	100.0%	79.7%
<i>No hours reported</i>	0	0.0%	5	4.4%	5	0.9%	

Table 3.14: Estimated full-time equivalent pharmacists in workforce using average hours worked per week

Hours per week	No.		%		No.		%		Per cent female
	Female		Male		Total				
1-9	28.7	1.4%	16.4	0.7%	45.0	1.0%			63.6%
10-19	112.2	5.6%	64.5	2.6%	176.7	4.0%			63.5%
20-29	262.8	13.0%	102.4	4.2%	365.3	8.2%			72.0%
30-34	160.4	7.9%	92.7	3.8%	253.1	5.7%			63.4%
35-39	250.9	12.4%	179.7	7.3%	430.5	9.6%			58.3%
40-44	441.0	21.8%	357.5	14.6%	798.5	17.9%			55.2%
45-49	274.1	13.6%	403.0	16.5%	677.1	15.2%			40.5%
50-59	311.3	15.4%	741.5	30.3%	1052.8	23.6%			29.6%
60-69	114.9	5.7%	355.1	14.5%	469.9	10.5%			24.4%
>70	62.3	3.1%	137.1	5.6%	199.4	4.5%			31.3%
Total	2,018.6	100.0%	2,449.8	100.0%	4,468.3	100.0%			45.2%
<i>No. reporting hours</i>	2,111		2,043		4154				

Note: Table 3.14 calculates the full-time equivalent (FTE) workforce assuming that 1 FTE works a 35 hour week.

The total hours worked per week by the pharmacist numbers in Table 3.11 are divided by 35 to calculate FTE.

Table 3.15: Age and sex distribution of community (retail) pharmacists working in NSW, 2001

Age group	No.		%		No.		%		Per cent female
	Female		Male		Total				
19-24	80	5.7%	47	2.7%	127	4.0%			63.0%
25-29	221	15.7%	178	10.2%	399	12.7%			55.4%
30-34	207	14.7%	164	9.4%	371	11.8%			55.8%
35-39	98	7.0%	85	4.9%	183	5.8%			53.6%
40-44	190	13.5%	172	9.9%	362	11.5%			52.5%
45-49	196	13.9%	129	7.4%	325	10.3%			60.3%
50-54	140	10.0%	159	9.1%	299	9.5%			46.8%
55-59	111	7.9%	236	13.5%	347	11.0%			32.0%
60-64	92	6.5%	318	18.2%	410	13.0%			22.4%
65-69	49	3.5%	163	9.4%	212	6.7%			23.1%
70-74	17	1.2%	72	4.1%	89	2.8%			19.1%
75+	5	0.4%	20	1.1%	25	0.8%			20.0%
Total	1406	100.0%	1743	100.0%	3149	100.0%			44.6%
<i>Non-response:</i>	78	5.3%	98	5.3%	176	5.3%			

Table 3.16: Age and sex distribution of hospital/clinic pharmacists working in NSW, 2001

Age group	No.		%		No.		%		Per cent female
	Female		Male		Total				
19-24	26	6.5%	2	1.8%	28	5.5%			92.9%
25-29	43	10.7%	5	4.5%	48	9.4%			89.6%
30-34	53	13.2%	8	7.3%	61	11.9%			86.9%
35-39	30	7.5%	6	5.5%	36	7.0%			83.3%
40-44	79	19.7%	10	9.1%	89	17.4%			88.8%
45-49	69	17.2%	11	10.0%	80	15.6%			86.3%
50-54	50	12.4%	13	11.8%	63	12.3%			79.4%
55-59	32	8.0%	16	14.5%	48	9.4%			66.7%
60-64	14	3.5%	18	16.4%	32	6.3%			43.8%
65-69	6	1.5%	11	10.0%	17	3.3%			35.3%
70-74	0	0.0%	9	8.2%	9	1.8%			0.0%
75+	0	0.0%	1	0.9%	1	0.2%			0.0%
Total	402	100.0%	110	100.0%	512	100.0%			78.5%
<i>Non-response:</i>	23	5.4%	3	2.7%	26	4.8%			

Table 3.17: Service or business employed or self-employed in - main job, pharmacists working in NSW

Business/Service in main job	No.		%		No.		%		Per cent Female
	Female	Male	Total						
Public sector									
Hospital	365	17.4%	92	4.5%	457	11.0%			79.9%
Psychiatric Hospital	9	0.4%	5	0.2%	14	0.3%			64.3%
Nursing Home	3	0.1%	1	0.0%	4	0.1%			75.0%
Medical centre	4	0.2%	4	0.2%	8	0.2%			50.0%
Tertiary education institution	17	0.8%	8	0.4%	25	0.6%			68.0%
Government dept/organisation	21	1.0%	15	0.7%	36	0.9%			58.3%
Defence Forces	11	0.5%	6	0.3%	17	0.4%			64.7%
Pharmaceutical manufacturing org.	14	0.7%	8	0.4%	22	0.5%			63.6%
Other health establishments	10	0.5%	4	0.2%	14	0.3%			71.4%
Total public sector	454	21.6%	143	7.0%	597	14.4%			76.0%
Private sector									
Private Community pharmacy	1474	70.1%	1844	89.6%	3318	79.8%			44.4%
Private hospital	41	1.9%	11	0.5%	52	1.3%			78.8%
Private Psychiatric Hospital	4	0.2%	2	0.1%	6	0.1%			66.7%
Private Nursing Home	10	0.5%	5	0.2%	15	0.4%			66.7%
Private medical centre	3	0.1%	3	0.1%	6	0.1%			50.0%
Private tertiary education institution	1	0.0%	1	0.0%	2	0.0%			50.0%
Private pharmaceutical organisation	89	4.2%	31	1.5%	120	2.9%			74.2%
Private pharmaceutical wholesaling org.	5	0.2%	9	0.4%	14	0.3%			35.7%
Private other health establishments	22	1.0%	8	0.4%	30	0.7%			73.3%
Total private sector	1649	78.4%	1914	93.0%	3563	85.6%			46.3%
Total	2103	100.0%	2057	100.0%	4160	100.0%			50.6%
<i>Non-response:</i>	33	1.5%	28	1.3%	61	1.4%			

Table 3.18: Type of premises for community pharmacies - main job, pharmacists working in NSW

Type of premises	No.		%		No.		%		Per cent Female
	Female	Male	Total						
Stand alone	992	67.9%	1313	72.5%	2,305	70.4%			43.0%
Shopping mall complex	373	25.5%	412	22.7%	785	24.0%			47.5%
Private hospital/ Nursing home	5	0.3%	2	0.1%	7	0.2%			71.4%
Medical Centre	88	6.0%	85	4.7%	173	5.3%			50.9%
Other non -govt.	4	0.3%	0	0.0%	4	0.1%			100.0%
Total	1462	100.0%	1812	100.0%	3,274	100.0%			44.7%
<i>Non-response:</i>	22	1.5%	29	1.6%	51	1.5%			

Table 3.19: Service or business employed or self-employed in - second job, pharmacists working in NSW

Business/Service in second job	No.		%		No.		%	
	Female		Male		Total		Per cent Female	
Public sector								
Hospital	16	3.2%	5	1.4%	21	2.4%	76.2%	
Psychiatric Hospital	0	0.0%	0	0.0%	0	0.0%	0.0%	
Nursing Home	2	0.4%	0	0.0%	2	0.2%	100.0%	
Medical centre	0	0.0%	1	0.3%	1	0.1%	0.0%	
Tertiary education institution	11	2.2%	3	0.8%	14	1.6%	78.6%	
Government dept/organisation	1	0.2%	1	0.3%	2	0.2%	50.0%	
Defence Forces	3	0.6%	1	0.3%	4	0.5%	75.0%	
Pharmaceutical manufacturing org.	1	0.2%	0	0.0%	1	0.1%	100.0%	
Other health establishments	3	0.6%	1	0.3%	4	0.5%	75.0%	
Total public sector	37	7.4%	12	3.4%	49	5.7%	75.5%	
Private sector								
Community pharmacy	437	86.9%	319	89.9%	756	88.1%	57.8%	
Hospital	6	1.2%	9	2.5%	15	1.7%	40.0%	
Psychiatric Hospital	1	0.2%	0	0.0%	1	0.1%	100.0%	
Nursing Home	14	2.8%	2	0.6%	16	1.9%	87.5%	
Medical centre	3	0.6%	4	1.1%	7	0.8%	42.9%	
Pharmaceutical manufacturing org.	0	0.0%	1	0.3%	1	0.1%	0.0%	
Pharmaceutical wholesaling org.	2	0.4%	1	0.3%	3	0.3%	66.7%	
Other health establishments	0	0.0%	3	0.8%	3	0.3%	0.0%	
	3	0.6%	4	1.1%	7	0.8%	42.9%	
Total private sector	466	92.6%	343	96.6%	809	94.3%	57.6%	
Total	503	100.0%	355	100.0%	858	100.0%	58.6%	
<i>Non-response:</i>	1633	76.5%	1730	83.0%	3,363	79.7%		

Table 3.20: Type of premises for community pharmacies - second job, pharmacists working in NSW

Type of premises	No.		%		No.		%	
	Female		Male		Total		Per cent Female	
Stand alone	208	65.0%	172	63.0%	380	64.1%	54.7%	
Shopping mall complex	86	26.9%	76	27.8%	162	27.3%	53.1%	
Private hospital/ Nursing home	4	1.3%	4	1.5%	8	1.3%	50.0%	
Medical Centre	21	6.6%	18	6.6%	39	6.6%	53.8%	
Other non -govt.	1	0.3%	3	1.1%	4	0.7%	25.0%	
Total	320	100.0%	273	100.0%	593	100.0%	54.0%	
<i>Non-response:</i>	1164	78.4%	1568	85.2%	2,732	82.2%		

Table 3.21: Home location by Area Health Service of pharmacists working in NSW

Home location	No.		%		No.		%	
	Female		Male		Total		Per cent Female	
Health Service								
Central Coast	43	2.1%	78	4.0%	121	3.0%	35.5%	
Central Sydney	229	11.3%	167	8.5%	396	9.9%	57.8%	
Hunter	109	5.4%	157	8.0%	266	6.7%	41.0%	
Illawarra	81	4.0%	88	4.5%	169	4.2%	47.9%	
Northern Sydney	530	26.2%	398	20.3%	928	23.3%	57.1%	
South Eastern Sydney	386	19.1%	337	17.2%	723	18.1%	53.4%	
South Western Sydney	170	8.4%	157	8.0%	327	8.2%	52.0%	
Wentworth	40	2.0%	54	2.8%	94	2.4%	42.6%	
Western Sydney	165	8.1%	125	6.4%	290	7.3%	56.9%	
Total Metropolitan Areas	1753	86.5%	1561	79.7%	3314	83.2%	52.9%	
Far West	6	0.3%	9	0.5%	15	0.4%	40.0%	
Greater Murray	42	2.1%	58	3.0%	100	2.5%	42.0%	
Macquarie	14	0.7%	24	1.2%	38	1.0%	36.8%	
Mid North Coast	51	2.5%	83	4.2%	134	3.4%	38.1%	
Mid Western	44	2.2%	41	2.1%	85	2.1%	51.8%	
New England	38	1.9%	43	2.2%	81	2.0%	46.9%	
Northern Rivers	32	1.6%	72	3.7%	104	2.6%	30.8%	
Southern	37	1.8%	54	2.8%	91	2.3%	40.7%	
Total Rural Health Services	264	13.0%	384	19.6%	648	16.3%	40.7%	
Interstate	9	0.4%	13	0.7%	22	0.6%	40.9%	
Total	2026	100.0%	1958	100.0%	3984	100.0%	50.9%	
<i>Non response:</i>	110	5.1%	127	6.1%	237	5.6%		

Table 3.22: Work location by Area Health Service of pharmacists working in NSW - main job

WrkLocation	No.		%		No.		%	
	Female		Male		Total		Per cent Female	
Health Service								
Central Coast	49	2.4%	86	4.3%	135	3.4%	36.3%	
Central Sydney	201	9.9%	172	8.7%	373	9.3%	53.9%	
Hunter	111	5.4%	158	8.0%	269	6.7%	41.3%	
Illawarra	80	3.9%	99	5.0%	179	4.5%	44.7%	
Northern Sydney	473	23.2%	300	15.2%	773	19.2%	61.2%	
South Eastern Sydney	412	20.2%	311	15.7%	723	18.0%	57.0%	
South Western Sydney	161	7.9%	196	9.9%	357	8.9%	45.1%	
Wentworth	50	2.5%	69	3.5%	119	3.0%	42.0%	
Western Sydney	210	10.3%	182	9.2%	392	9.8%	53.6%	
Total Metropolitan Areas	1747	85.8%	1573	79.5%	3320	82.7%	52.6%	
Far West	6	0.3%	12	0.6%	18	0.4%	33.3%	
Greater Murray	48	2.4%	64	3.2%	112	2.8%	42.9%	
Macquarie	15	0.7%	26	1.3%	41	1.0%	36.6%	
Mid North Coast	51	2.5%	81	4.1%	132	3.3%	38.6%	
Mid Western	45	2.2%	40	2.0%	85	2.1%	52.9%	
New England	40	2.0%	45	2.3%	85	2.1%	47.1%	
Northern Rivers	38	1.9%	78	3.9%	116	2.9%	32.8%	
Southern	42	2.1%	53	2.7%	95	2.4%	44.2%	
Total Rural Health Services	285	14.0%	399	20.2%	684	17.0%	41.7%	
Interstate	5	0.2%	7	0.4%	12	0.3%	41.7%	
Total	2037	100.0%	1979	100.0%	4016	100.0%	50.7%	
<i>Non response:</i>	99	4.6%	106	5.1%	205	4.9%		

Survey data have not been adjusted for unknown information (see p. 2)

Profile of the Pharmacist Workforce 2001
Table 3.23: Work location by Area Health Service of pharmacists working in NSW - second job

Work location - 2nd job	No.		%		No.		%		Per cent Female
	Female	Male	Female	Male	Total	Total	Total		
Health Service									
Central Coast	14	17	3.0%	5.2%	31	3.9%		45.2%	
Central Sydney	46	33	9.8%	10.1%	79	9.9%		58.2%	
Hunter	40	35	8.5%	10.7%	75	9.4%		53.3%	
Illawarra	22	21	4.7%	6.4%	43	5.4%		51.2%	
Northern Sydney	98	47	20.8%	14.4%	145	18.2%		67.6%	
South Eastern Sydney	97	48	20.6%	14.7%	145	18.2%		66.9%	
South Western Sydney	41	36	8.7%	11.0%	77	9.6%		53.2%	
Wentworth	17	18	3.6%	5.5%	35	4.4%		48.6%	
Western Sydney	33	20	7.0%	6.1%	53	6.6%		62.3%	
Total Metropolitan Areas	408	275	86.6%	84.1%	683	85.6%		59.7%	
Far West	2	2	0.4%	0.6%	4	0.5%		50.0%	
Greater Murray	9	6	1.9%	1.8%	15	1.9%		60.0%	
Macquarie	4	4	0.8%	1.2%	8	1.0%		50.0%	
Mid North Coast	11	9	2.3%	2.8%	20	2.5%		55.0%	
Mid Western	9	4	1.9%	1.2%	13	1.6%		69.2%	
New England	10	6	2.1%	1.8%	16	2.0%		62.5%	
Northern Rivers	4	10	0.8%	3.1%	14	1.8%		28.6%	
Southern	9	7	1.9%	2.1%	16	2.0%		56.3%	
Total Rural Health Services	58	48	12.3%	14.7%	106	13.3%		54.7%	
Interstate	5	4	1.1%	1.2%	9	1.1%		55.6%	
Total	471	327	100.0%	100.0%	798	100.0%		59.0%	
<i>Non response:</i>	<i>1665</i>	<i>1758</i>	<i>77.9%</i>	<i>84.3%</i>	<i>3423</i>	<i>81.1%</i>			

Table 3.24: Home location by Area Health Service, community (retail) pharmacists working in NSW

Home location	No.		%		No.		%		Per cent Female
	Female	Male	Female	Male	Total	Total	Total		
Health Service									
Central Coast	28	71	2.0%	4.1%	99	3.1%		28.3%	
Central Sydney	145	144	10.3%	8.3%	289	9.2%		50.2%	
Hunter	78	144	5.5%	8.3%	222	7.1%		35.1%	
Illawarra	57	85	4.1%	4.9%	142	4.5%		40.1%	
Northern Sydney	339	330	24.1%	19.0%	669	21.3%		50.7%	
South Eastern Sydney	258	302	18.3%	17.4%	560	17.8%		46.1%	
South Western Sydney	144	143	10.2%	8.2%	287	9.1%		50.2%	
Wentworth	31	47	2.2%	2.7%	78	2.5%		39.7%	
Western Sydney	100	105	7.1%	6.0%	205	6.5%		48.8%	
Total Metropolitan Areas	1180	1371	83.9%	78.9%	2551	81.1%		46.3%	
Far West	5	7	0.4%	0.4%	12	0.4%		41.7%	
Greater Murray	37	54	2.6%	3.1%	91	2.9%		40.7%	
Macquarie	13	21	0.9%	1.2%	34	1.1%		38.2%	
Mid North Coast	44	78	3.1%	4.5%	122	3.9%		36.1%	
Mid Western	37	39	2.6%	2.2%	76	2.4%		48.7%	
New England	32	39	2.3%	2.2%	71	2.3%		45.1%	
Northern Rivers	25	65	1.8%	3.7%	90	2.9%		27.8%	
Southern	28	52	2.0%	3.0%	80	2.5%		35.0%	
Total Rural Health Services	221	355	15.7%	20.4%	576	18.3%		38.4%	
Interstate	6	12	0.4%	0.7%	18	0.6%		33.3%	
Total	1407	1738	100.0%	100.0%	3145	100.0%		44.7%	
<i>Non response:</i>	<i>77</i>	<i>103</i>	<i>5.2%</i>	<i>5.6%</i>	<i>180</i>	<i>5.4%</i>			

Table 3.25: Work location by Area Health Service, community (retail) pharmacists working in NSW - main job

Work Location	No.	%	No.	%	No.	%	Per cent Female
	Female		Male		Total		
Health Service							
Central Coast	34	2.4%	81	4.6%	115	3.6%	29.6%
Central Sydney	125	8.7%	147	8.3%	272	8.5%	46.0%
Hunter	82	5.7%	144	8.2%	226	7.1%	36.3%
Illawarra	54	3.8%	97	5.5%	151	4.7%	35.8%
Northern Sydney	313	21.9%	242	13.7%	555	17.4%	56.4%
South Eastern Sydney	292	20.4%	285	16.2%	577	18.1%	50.6%
South Western Sydney	135	9.4%	183	10.4%	318	10.0%	42.5%
Wentworth	38	2.7%	61	3.5%	99	3.1%	38.4%
Western Sydney	115	8.0%	150	8.5%	265	8.3%	43.4%
Total Metropolitan Areas	1188	83.1%	1390	78.8%	2578	80.7%	46.1%
Far West	6	0.4%	10	0.6%	16	0.5%	37.5%
Greater Murray	40	2.8%	59	3.3%	99	3.1%	40.4%
Macquarie	14	1.0%	22	1.2%	36	1.1%	38.9%
Mid North Coast	44	3.1%	76	4.3%	120	3.8%	36.7%
Mid Western	38	2.7%	39	2.2%	77	2.4%	49.4%
New England	33	2.3%	40	2.3%	73	2.3%	45.2%
Northern Rivers	30	2.1%	70	4.0%	100	3.1%	30.0%
Southern	34	2.4%	52	2.9%	86	2.7%	39.5%
Total Rural Health Services	239	16.7%	368	20.9%	607	19.0%	39.4%
Interstate	3	0.2%	6	0.3%	9	0.3%	33.3%
Total	1430	100.0%	1764	100.0%	3194	100.0%	44.8%
<i>Non response:</i>	54	3.6%	77	4.2%	131	3.9%	

Table 3.26: Work location by Area Health Service, community (retail) pharmacists working in NSW - second job

Work location - 2nd job	No.	%	No.	%	No.	%	Per cent
	Female		Male		Total		
Health Service							
Central Coast	7	2.1%	16	6.0%	23	3.9%	30.4%
Central Sydney	31	9.4%	23	8.7%	54	9.1%	57.4%
Hunter	61	18.4%	41	15.5%	102	17.1%	59.8%
Illawarra	30	9.1%	28	10.6%	58	9.7%	51.7%
Northern Sydney	17	5.1%	18	6.8%	35	5.9%	48.6%
South Eastern Sydney	68	20.5%	41	15.5%	109	18.3%	62.4%
South Western Sydney	32	9.7%	30	11.3%	62	10.4%	51.6%
Wentworth	13	3.9%	15	5.7%	28	4.7%	46.4%
Western Sydney	22	6.6%	15	5.7%	37	6.2%	59.5%
Total Metropolitan Areas	281	84.9%	227	85.7%	508	85.2%	55.3%
Far West	2	0.6%	1	0.4%	3	0.5%	66.7%
Greater Murray	7	2.1%	5	1.9%	12	2.0%	58.3%
Macquarie	3	0.9%	2	0.8%	5	0.8%	60.0%
Mid North Coast	11	3.3%	8	3.0%	19	3.2%	57.9%
Mid Western	7	2.1%	3	1.1%	10	1.7%	70.0%
New England	8	2.4%	5	1.9%	13	2.2%	61.5%
Northern Rivers	3	0.9%	8	3.0%	11	1.8%	27.3%
Southern	5	1.5%	4	1.5%	9	1.5%	55.6%
Total Rural Health Services	46	13.9%	36	13.6%	82	13.8%	56.1%
Interstate	4	1.2%	2	0.8%	6	1.0%	66.7%
Total	331	100.0%	265	100.0%	596	100.0%	55.5%
<i>Non response:</i>	1153	77.7%	1576	85.6%	2729	82.1%	

Survey data have not been adjusted for unknown information (see p. 2)

Table 3.27: Home location by Area Health Service, hospital/clinic pharmacists working in NSW

Home location	No.	%	No.	%	No.	%	Per cent Female
	Female		Male		Total		
Health Service							
Central Coast	13	3.2%	3	2.9%	16	3.1%	81.3%
Central Sydney	55	13.4%	10	9.5%	65	12.6%	84.6%
Hunter	27	6.6%	9	8.6%	36	7.0%	75.0%
Illawarra	23	5.6%	2	1.9%	25	4.8%	92.0%
Northern Sydney	100	24.3%	20	19.0%	120	23.3%	83.3%
South Eastern Sydney	78	19.0%	15	14.3%	93	18.0%	83.9%
South Western Sydney	20	4.9%	7	6.7%	27	5.2%	74.1%
Wentworth	7	1.7%	5	4.8%	12	2.3%	58.3%
Western Sydney	46	11.2%	9	8.6%	55	10.7%	83.6%
Total Metropolitan Areas	369	89.8%	80	76.2%	449	87.0%	82.2%
Far West	1	0.2%	2	1.9%	3	0.6%	33.3%
Greater Murray	5	1.2%	2	1.9%	7	1.4%	71.4%
Macquarie	0	0.0%	3	2.9%	3	0.6%	0.0%
Mid North Coast	7	1.7%	5	4.8%	12	2.3%	58.3%
Mid Western	7	1.7%	2	1.9%	9	1.7%	77.8%
New England	6	1.5%	4	3.8%	10	1.9%	60.0%
Northern Rivers	6	1.5%	7	6.7%	13	2.5%	46.2%
Southern	7	1.7%	0	0.0%	7	1.4%	100.0%
Total Rural Health Services	39	9.5%	25	23.8%	64	12.4%	60.9%
Interstate	3	0.7%	0	0.0%	3	0.6%	100.0%
Total	411	100.0%	105	100.0%	516	100.0%	79.7%
<i>Non response:</i>	14	3.3%	8	7.1%	22	4.1%	

Table 3.28: Work location by Area Health Service, hospital/clinic pharmacists working in NSW - main job

Work Location	No.	%	No.	%	No.	%	Per cent Female
	Female		Male		Total		
Health Service							
Central Coast	14	3.5%	3	2.8%	17	3.3%	82.4%
Central Sydney	52	13.0%	10	9.3%	62	12.2%	83.9%
Hunter	26	6.5%	11	10.2%	37	7.3%	70.3%
Illawarra	23	5.7%	2	1.9%	25	4.9%	92.0%
Northern Sydney	66	16.5%	14	13.0%	80	15.7%	82.5%
South Eastern Sydney	77	19.2%	13	12.0%	90	17.7%	85.6%
South Western Sydney	22	5.5%	8	7.4%	30	5.9%	73.3%
Wentworth	12	3.0%	6	5.6%	18	3.5%	66.7%
Western Sydney	65	16.2%	13	12.0%	78	15.3%	83.3%
Total Metropolitan Areas	357	89.0%	80	74.1%	437	85.9%	81.7%
Far West	0	0.0%	2	1.9%	2	0.4%	0.0%
Greater Murray	7	1.7%	3	2.8%	10	2.0%	70.0%
Macquarie	0	0.0%	4	3.7%	4	0.8%	0.0%
Mid North Coast	7	1.7%	5	4.6%	12	2.4%	58.3%
Mid Western	7	1.7%	1	0.9%	8	1.6%	87.5%
New England	6	1.5%	4	3.7%	10	2.0%	60.0%
Northern Rivers	7	1.7%	8	7.4%	15	2.9%	46.7%
Southern	8	2.0%	1	0.9%	9	1.8%	88.9%
Total Rural Health Services	42	10.5%	28	25.9%	70	13.8%	60.0%
Interstate	2	0.5%	0	0.0%	2	0.4%	100.0%
Total	401	100.0%	108	100.0%	509	100.0%	78.8%
<i>Non response:</i>	24	5.6%	5	4.4%	29	5.4%	

Table 3.29: Work location by Area Health Service, hospital/clinic pharmacists working in NSW - second job

Work location - 2nd job	No.		%		No.		%	
	Female		Male		Total		Per cent Female	
Health Service								
Central Coast	5	6.7%	0	0.0%	5	5.1%	100.0%	
Central Sydney	7	9.3%	1	4.2%	8	8.1%	87.5%	
Hunter	10	13.3%	5	20.8%	15	15.2%	66.7%	
Illawarra	3	4.0%	2	8.3%	5	5.1%	60.0%	
Northern Sydney	13	17.3%	2	8.3%	15	15.2%	86.7%	
South Eastern Sydney	14	18.7%	0	0.0%	14	14.1%	100.0%	
South Western Sydney	5	6.7%	3	12.5%	8	8.1%	62.5%	
Wentworth	2	2.7%	2	8.3%	4	4.0%	50.0%	
Western Sydney	6	8.0%	0	0.0%	6	6.1%	100.0%	
Total Metropolitan Areas	65	86.7%	15	62.5%	80	80.8%	81.3%	
Far West	0	0.0%	1	4.2%	1	1.0%	0.0%	
Greater Murray	1	1.3%	0	0.0%	1	1.0%	100.0%	
Macquarie	1	1.3%	2	8.3%	3	3.0%	33.3%	
Mid North Coast	0	0.0%	1	4.2%	1	1.0%	0.0%	
Mid Western	2	2.7%	1	4.2%	3	3.0%	66.7%	
New England	2	2.7%	1	4.2%	3	3.0%	66.7%	
Northern Rivers	1	1.3%	2	8.3%	3	3.0%	33.3%	
Southern	2	2.7%	1	4.2%	3	3.0%	66.7%	
Total Rural Health Services	9	12.0%	9	37.5%	18	18.2%	50.0%	
Interstate	1	1.3%	0	0.0%	1	1.0%	100.0%	
Total	75	100.0%	24	100.0%	99	100.0%	75.8%	
<i>Non response:</i>	350	82.4%	89	78.8%	439	81.6%		

Profile of the Pharmacist Workforce 2001
Table 3.30: Type of continuing professional education undertaken by pharmacists working in NSW, 2001

Type of education	No.		%		No.		%		Per cent female
	Female	Male	Female	Male	Total	Total	Total		
Nil continuing education	172	174	8.6%	8.9%	346	346	8.8%	8.8%	49.7%
Face-to-face only	217	149	10.9%	7.6%	366	366	9.3%	9.3%	59.3%
Private study only	447	537	22.4%	27.6%	984	984	24.9%	24.9%	45.4%
Face-to-face and private	1160	1089	58.1%	55.9%	2249	2249	57.0%	57.0%	51.6%
Total	1996	1949	100.0%	100.0%	3945	3945	100.0%	100.0%	50.6%
<i>Non response:</i>	140	136	6.6%	6.5%	276	276	6.5%	6.5%	

Table 3.31: Hours of face-to-face study undertaken by pharmacists working in NSW, 2001

Hours of study	No.		%		No.		%		Per cent female
	Female	Male	Female	Male	Total	Total	Total		
1-9	362	379	26.3%	30.6%	741	741	28.3%	28.3%	48.9%
10-19	393	399	28.5%	32.2%	792	792	30.3%	30.3%	49.6%
20-29	256	233	18.6%	18.8%	489	489	18.7%	18.7%	52.4%
30-39	112	72	8.1%	5.8%	184	184	7.0%	7.0%	60.9%
40-49	71	59	5.2%	4.8%	130	130	5.0%	5.0%	54.6%
50-59	65	40	4.7%	3.2%	105	105	4.0%	4.0%	61.9%
60-69	32	19	2.3%	1.5%	51	51	1.9%	1.9%	62.7%
70-79	15	6	1.1%	0.5%	21	21	0.8%	0.8%	71.4%
80-89	20	5	1.5%	0.4%	25	25	1.0%	1.0%	80.0%
90-99	3	3	0.2%	0.2%	6	6	0.2%	0.2%	50.0%
100-199	38	20	2.8%	1.6%	58	58	2.2%	2.2%	65.5%
200-299	6	3	0.4%	0.2%	9	9	0.3%	0.3%	66.7%
300+	4	1	0.3%	0.1%	5	5	0.2%	0.2%	80.0%
Total	1377	1239	100.0%	100.0%	2616	2616	100.0%	100.0%	52.6%
<i>Non response:</i>	759	846	35.5%	40.6%	1605	1605	38.0%	38.0%	

Table 3.32: Hours of private study undertaken by pharmacists working in NSW, 2001

Hours of study	No.		%		No.		%		Per cent female
	Female	Male	Female	Male	Total	Total	Total		
1-9	125	82	7.8%	5.0%	207	207	6.4%	6.4%	60.4%
10-19	315	312	19.6%	19.2%	627	627	19.4%	19.4%	50.2%
20-29	322	339	20.0%	20.8%	661	661	20.4%	20.4%	48.7%
30-39	157	158	9.8%	9.7%	315	315	9.7%	9.7%	49.8%
40-49	95	117	5.9%	7.2%	212	212	6.6%	6.6%	44.8%
50-59	209	211	13.0%	13.0%	420	420	13.0%	13.0%	49.8%
60-69	53	62	3.3%	3.8%	115	115	3.6%	3.6%	46.1%
70-79	18	13	1.1%	0.8%	31	31	1.0%	1.0%	58.1%
80-89	41	36	2.6%	2.2%	77	77	2.4%	2.4%	53.2%
90-99	9	7	0.6%	0.4%	16	16	0.5%	0.5%	56.3%
100-199	189	233	11.8%	14.3%	422	422	13.1%	13.1%	44.8%
200-299	45	41	2.8%	2.5%	86	86	2.7%	2.7%	52.3%
300+	29	15	1.8%	0.9%	44	44	1.4%	1.4%	65.9%
Total	1607	1626	100.0%	100.0%	3233	3233	100.0%	100.0%	49.7%
<i>Non response:</i>	529	459	24.8%	22.0%	988	988	23.4%	23.4%	