

Profile of the Pharmacist Workforce in NSW, 2002

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CONTENTS

List of Tables and Figures	v
1. Introduction.....	1
The annual pharmacist labour force survey.....	1
Methodology	2
Category of Pharmacist Registration.....	3
Response Rate to Workforce Annual Survey	4
Work Status	4
Pharmacists seeking Work	5
Estimating Workforce Size.....	6
Estimating Full-Time equivalent Workforce (FTE).....	6
2. Pharmacists Working in NSW	7
3. Workforce Tables	9



LIST OF TABLES AND FIGURES

Introduction

Table 1.1	Persons registered as pharmacists in NSW, 2002	3
Table 1.2	Response Rate to Pharmacy Annual Workforce Survey, 2002.....	4
Table 1.3	Work Status of Pharmacy Workforce Survey respondents, NSW, in 2002	5
Table 1.4	Seeking work in pharmacy in NSW,2002.....	5

Workforce Tables

Table 3.1	Age and Sex distribution of pharmacists working in NSW, 2002	9
Table 3.2	Pharmacists working in NSW with registration to work as a pharmacist	
	In other States of Australia, 2002.....	9
Table 3.3	Resident status of pharmacists working in NSW, 2002	10
Table 3.4	Field of pharmacy, main job -pharmacists working in NSW, 2002.....	10
Table 3.5	Field of pharmacy, second job -pharmacists working in NSW, 2002.....	10
Table 3.6	Nature of employment, pharmacists working in community (retail) pharmacy	
	in main job, 2002	11
Table 3.7	Nature of employment, pharmacists working in community (retail) pharmacy	
	in second job, 2002	11
Table 3.8	Job classification of hospital/clinic pharmacists working in NSW, main & second job,2002.....	12
Table 3.9	Total hours usually worked per week in pharmacy-main job	12
Table 3.10	Total hours usually worked per week in pharmacy-2nd job	12
Table 3.11	Total hours usually worked per week by all pharmacists-all jobs.....	13
Table 3.12	Total hours usually worked per week by community (retail) pharmacists-all jobs.....	13
Table 3.13	Total hours usually worked per week by hospital/clinic pharmacists-all jobs	13
Table 3.14	Estimated full-time equivalent pharmacists in workforce using average hours worked per week.....	14
Table 3.15	Age and Sex distribution of community (retail) pharmacists working in NSW, 2002.....	14
Table 3.16	Age and Sex distribution of hospital/clinic pharmacists working in NSW, 2002.....	14
Table 3.17	Service or business employed or self employed in-main job, pharmacists working in NSW.....	15
Table 3.18	Type of premises for community pharmacies, main job, pharmacists working in NSW	15
Table 3.19	Service or business employed or self employed in-second job, pharmacists working in NSW	16
Table 3.20	Type of premises for community pharmacies, second job, pharmacists working in NSW	16
Table 3.21	Home location by Area Health Service of pharmacists working in NSW	17
Table 3.22	Work location by Area Health Service of pharmacists working in NSW -main job.....	17
Table 3.23	Work location by Area Health Service of pharmacists working in NSW, -second job.....	18
Table 3.24	Home location by Area Health Service of community (retail) pharmacists working in NSW.....	18
Table 3.25	Work location by Area Health Service, community (retail) pharmacists working in NSW -main job ...	19
Table 3.26	Work location by Area Health Service, community (retail) pharmacists working in NSW-second job .	19
Table 3.27	Home location by Area Health Service of hospital/clinic pharmacists working in NSW.....	20
Table 3.28	Work location by Area Health Service, hospital/clinic pharmacists working in NSW -main job.....	20
Table 3.29	Work location by Area Health Service, hospital/clinic pharmacists working in NSW, -second job	21
Table 3.30	Type of continuing professional education undertaken by pharmacists working in NSW, 2002.....	22
Table 3.31	Hours of face-to-face study undertaken by pharmacists working in NSW, 2002	22
Table 3.32	Hours of private study undertaken by pharmacists working in NSW, 2002	22

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 2002 workforce survey.

The response rate to the survey was slightly lower than for 2001, decreasing from 83.0% to 81.1%. 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 2003, entitled "Profile of the Pharmacist Workforce in NSW, 2001". This profile reproduces the same data as for the 2001 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 2002 Survey

Information from the 2002 Annual Workforce Survey relates to the 2002 registration renewal period. Renewal notices and surveys were forwarded in October 2002 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 2002.

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. Some pharmacists are restorations simply due to late payment and may have returned a survey form.
- **Technical restorations:** Some dentists are restorations simply due to late payment, as they are removed from the register and then reinstated on receipt of the payment of the renewal fee. These dentists have usually completed a survey form, and therefore if they have provided survey data they have been included in the data analysis for this profile. Prior to the 2000 profile the definition of respondents was those pharmacists **renewing** their registration who completed or part completed a survey form.

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.

The definition of response has been applied to those respondents who completed the question on workforce status. In addition, a number of dentists have not completed the question on workforce status, but have completed the majority of the remainder of the survey form including the provision of a New South Wales postcode for work location, as well as other data such as hours worked. It was therefore decided for data completeness, to include both of those categories in the definition of respondents, as a workforce status could be derived.

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= 850) 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, 2002

Category of registration	No. Row %		No. Row %		No. Row %	
	Female		Male		Total	
New registrations(only status) ²	80	56.0%	48	44.0%	128	100.0%
Restorations	35	66.7%	27	33.3%	62	100.0%
"True" restorations	6	50.0%	10	50.0%	16	100.0%
"Technical" restorations ³	29	75.0%	17	25.0%	46	100.0%
Renewals	3,366	48.8%	3,327	51.2%	6,693	100.0%
Deletions	0	44.3%	0	55.7%	0	100.0%
New registrations (total) ²	168	59.2%	116	40.8%	284	100.0%

Notes:

¹ The table includes information on pharmacists financial with the Board during 2002

² Some pharmacists are included in more than one category during the twelve month period. There were 284 new registrations in total, but 156 of those were also renewals within the survey period. These have been counted as renewals.

³ There were 46 restorations of the total of 62 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 2002, there were 6,883 pharmacists financially registered with the Pharmacy Board of NSW, an increase of 213 from the 6,670 pharmacists registered in 2001. Of these, 3,481 (50.6%) were female and 3,402 (49.4%) 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 2002 Pharmacy Workforce Annual Survey was 81.1%, higher than the response rates in 2001 of 81.1%.

Table 1.2: Response Rate to Pharmacist Annual Workforce Survey, 2000 - 2002

	No.	Rate	No.	Rate	
	2000		2001		2002
Formal response rate					
<i>Survey respondents</i> ¹ who were <i>renewals</i> ²	5,498		5,427		5,464
<i>Total renewals</i> ²	6,927	79.4%	6,537	83.0%	6,739 81.1%

- Notes:**
1. A "survey respondent" is defined as a renewal who provides information to the question on working status. There were 1,108 survey forms either with no data on workforce status and workforce status could not be determined, or with no match to Board information. 167 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, technical renewal, 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 5,464 pharmacists who provided data on workforce status, with 4,281 working renewal survey respondents in 2002, unadjusted for non response. Working renewals are those respondents who:

- Were financially registered and renewed their registration in 2002
- 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 2002

Work Status	No.	%	No.	%	No.	%	%
	Female		Male		Total		Female
Working in pharmacy							
Only in NSW	2,152	76.8%	2,055	77.2%	4,207	77.0%	51.2%
Mainly in other states, but also in NSW	23	0.8%	33	1.2%	56	1.0%	41.1%
Mainly in NSW, but also in other states	12	0.4%	26	1.0%	38	0.7%	31.6%
Only in states other than NSW	89	3.2%	152	5.7%	241	4.4%	36.9%
Working in NSW but currently on leave	34	1.2%	2	0.1%	36	0.7%	94.4%
Working overseas	108	3.9%	83	3.1%	191	3.5%	56.5%
Not Working in/ practicing in pharmacy							
Currently not working	207	7.4%	179	6.7%	386	7.1%	53.6%
Currently working, not in pharmacy	176	6.3%	133	5.0%	309	5.7%	57.0%
Total	2801	100.0%	2,663	100.0%	5,464	100.0%	51.3%
<i>Non-response to survey question¹</i>	516		592		1108		

Notes: 1.

There were 6,572 forms from physiotherapists renewing their registration, of whom 1,108 did not reply to the question on work status and a work status could not be derived. (see Note 1 to Table 1.2)

The workforce participation rate was 78.4% in total, and similar for males and females.

Pharmacists seeking work

Table 1.4: Seeking Work in Pharmacy in NSW, 2002

Nature of work sought	No.	%	No.	%	No.	%	%
	Female		Male		Total		Female
Not looking for work in pharmacy	336	90.1%	288	94.1%	624	91.9%	53.8%
Looking for work in pharmacy:							
- either full time or part time	5	1.3%	2	0.7%	7	1.0%	71.4%
- full time	4	1.1%	0	0.0%	4	0.6%	100.0%
- part time	27	7.2%	16	5.2%	43	6.3%	62.8%
- not specified	1	0.3%	0	0.0%	1	0.1%	100.0%
Total	373	100.0%	306	100.0%	679	100.0%	54.9%
<i>non response</i>	10	2.6%	6	1.9%	16	2.3%	

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=695)

Estimating Workforce Size

Table 1.5: Estimating the Size of the Pharmacist Workforce, 2000-2002

	No.		
	2000	2001	2002
Size of Workforce (Unadjusted) ¹	4,282	4,221	4281
Total respondents to work status	5,498	5,427	5464
% working	77.9%	77.8%	78.3%
No. of renewals ²	6,917	6,537	6,739
1) estimated workforce from renewals	5,387	5,084	5,280
No. of new registrants ³	150	123	128
2) estimated workforce from new reg. (90%)	135	111	115
No. of restorations ³	10	25	16
3) estimated workforce from restorations (80%)	8	20	13
Total Estimated Workforce (1+2+3)	5,530	5,215	5,408
Total number of new registrations	349	219	284
Total number of financial restorations	30	43	62

- Notes:**
- 1 The unadjusted size of the workforce is based on renewals and technical restorations who answered the work status question as working in NSW (see Section on work status). This is the workforce size unadjusted for non response.
 - 2 The number of renewals includes renewals and technical restorations
 - 3 The total number of new registrants and restorations in each year are shown below the table.

The method of estimating workforce size from the 1999 Medical Workforce Survey has been applied in the above table. When applied to the data, this results in an estimated 5,280 working renewals, 115 working new registrants, and 13 working registrants in other categories, with a total estimated workforce size of 5,408 pharmacists, an increase of 193 or 3.7% from the estimated 5,215 pharmacists working in 2001. However, the estimate was lower than for 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 4,485.8 pharmacists compared to a headcount of 4,219 pharmacists (see Table 3.11). Therefore the FTE ratio is 1.063, indicating that pharmacists are 6.3% more productive on average than the workforce equivalent (based on 35 hours per week). The FTE ratio of 1.063 applied to the estimated workforce size of 5,408 headcount calculated above results in an estimated FTE workforce of 5,748.7 pharmacists, an increase of 137.4 FTE from the estimated workforce of 5,611.3 FTE pharmacists in 2001.

2

PHARMACISTS WORKING IN NSW

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

- From 2001 to 2002, the NSW pharmacist workforce is estimated to have increased from a headcount of 5,215 to 5,408 (after adjusting for non response, see Section 1, p.6, "Estimating Workforce Size"). This represents an increase of 193 or 3.7% in that period.
- Workforce participation rates for pharmacists in NSW were relatively constant between 2001 and 2002 (from 77.8% to 78.3%).
- The proportion of women in the pharmacist workforce is 51.4%, and the proportion of men in the pharmacist workforce is 48.6%, with a greater proportion of women in younger age groups. Some 43.6% of the female workforce were aged under 40, while 28.1% of males were under forty years in 2002. 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 (78.6% of all hospital/clinic pharmacists) than the proportion of women working as community (retail) pharmacists (45.6%) in their main job.
- Some 36.2% of the workforce are aged under forty years, 23% 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. The modal age range is 25 to 29 years (ie the age range with the greatest numbers of working pharmacists).
- Some 7.7% 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 12.4% working as hospital/clinic pharmacists, 3.0% as industrial pharmacists, 3.1% in other categories, 0.9% in administration and 0.7% in teaching. This varies with the second job, with 82.5% working as community/retail pharmacists, 7.2% working as hospital/clinic pharmacists, 6.1% in other positions, 3.1% as teachers/educators, and 0.8% in administration.
- The large majority of community pharmacists are in an in-charge position (86.6%) in their main job, while only 13.4% are staff pharmacists. However, just over half of community pharmacists are salaried (55.7%), 26.6% are sole proprietors, and 17.7% are in a partnership as proprietors. A large majority are in permanent positions, either full time or part time (83.8%), while 16.2% are relievers in either one or more locations. The proportion of pharmacists in charge is similar for a second job

at 84.8%, while 15.2% are staff pharmacists. However, the majority of community pharmacists (90.3%) in a second community pharmacy position are salaried, 4.6% are sole proprietors, and 5.1% are in a partnership as proprietors. Just over half or 53.9% are in permanent positions in a second job, either full time or part time, while 46.0% are relievers in either one or more locations.

- For hospital/clinic pharmacists, 15.5% are in a director position in their main job, 3.1% are in a deputy director position, 20.1% are senior pharmacists, just over a third (38.9%) are clinical pharmacists, and 22.4% are pharmacists. There are very few hospital/clinic pharmacists in a second job overall (n= 55) and the largest numbers are in pharmacist positions (45.5%) and clinical pharmacist positions (40.0%).
- Some 41.3% of pharmacists reported working part time in their main job (hours worked less than 35 hours per week) and 58.7% reported working full time. Women were more likely to work part time than men (52.7% of women compared with 29.3% of men). Some 98.8% of pharmacists reported working part time in their **second** job (hours worked less than 35 hours per week). Some 36.3% 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 (47.0% of women compared with 28.2% of men). The modal range of hours worked (the hours range with the greatest numbers of working pharmacists) was 50 to 59 hours per week.
- The majority of community/retail pharmacists work full time (59.7%) while a similar proportion of hospital/clinic pharmacists (53.0%) reported working full time. The modal hours range for community/retail pharmacists was 50 to 59 hours (17.6% of all community/retail pharmacists) while it was 40 to 44 hours for hospital/clinic pharmacists (24.4%).
- The full time equivalent pharmacist workforce (FTE workforce) consists of 4,485.8 FTE (see Table 3.14) from the 4,219 pharmacists who provided data on their hours worked (Table 3.11). Therefore the FTE ratio of 1.063 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 2,068.3 FTE (46.1% of the FTE workforce) and men 2,417.5 FTE (53.9%), indicating that the greater hours worked by males result in their higher average FTE (males were 48.6% of the headcount workforce).
- The large majority of pharmacists work in the private sector (86.0%) while the public sector accounted for 14.0% of pharmacists in 2002 in their main job. Community pharmacists are 80.1% of the total workforce, and hospital pharmacists in general hospitals 10.4%. The only other employment area of any size is private pharmaceutical organisations, with 3.0% of pharmacists. This trend is more pronounced in the second job, with 90.2% in the private sector and only 9.8% in the public sector.
- Stand alone premises account for 70.3% of premises in a main job, and 65.3% in a second job. Some 24.0% of premises are in a shopping mall complex in a main job, and 24.6% in a second job.
- In 2002, the main job for 82.8% of pharmacists was located in Metropolitan Area Health Services, with 68.3% in Metropolitan Sydney and 14.5% 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 17.1% of pharmacists, with Northern Rivers 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 80.9% of community retail pharmacists working in Metropolitan Area Health Services in their main job, and 86.5% of hospital/clinic pharmacists.

3

WORKFORCE TABLES

Table 3.1 Age and sex distribution of pharmacists working in NSW, 2002

Age group	No.		%		No.		%	
	Female		Male		Total		Per cent Female	
19-24	121	5.8%	51	2.6%	172	4.3%	70.3%	
25-29	321	15.4%	185	9.4%	506	12.5%	63.4%	
30-34	294	14.1%	203	10.3%	497	12.3%	59.2%	
35-39	173	8.3%	114	5.8%	287	7.1%	60.3%	
40-44	281	13.5%	178	9.1%	459	11.4%	61.2%	
45-49	311	15.0%	157	8.0%	468	11.6%	66.5%	
50-54	206	9.9%	166	8.4%	372	9.2%	55.4%	
55-59	156	7.5%	240	12.2%	396	9.8%	39.4%	
60-64	123	5.9%	344	17.5%	467	11.6%	26.3%	
65-69	71	3.4%	216	11.0%	287	7.1%	24.7%	
70-74	17	0.8%	90	4.6%	107	2.6%	15.9%	
75+	4	0.2%	21	1.1%	25	0.6%	16.0%	
Total	2078	100.0%	1965	100.0%	4,043	100.0%	51.4%	
<i>Unknown</i> ¹	120	5.5%	118	5.7%	238	5.6%		

Table 3.2: Pharmacists registered in NSW with registration to work as a pharmacist in other States of Australia, 2002

Age group	No.		%		No.		%	
	Female		Male		Total		Per cent Female	
Registered interstate	137	6.2%	193	9.3%	330	7.7%	41.5%	
Not registered interstate	2059	93.8%	1881	90.7%	3,940	92.3%	52.3%	
Total	2196	100.0%	2074	100.0%	4,270	100.0%	51.4%	
<i>Non-response:</i>	2	0.1%	9	0.4%	11	0.3%		

	No. % of registered interstate		No. % of registered interstate		No. % of registered interstate	
Registered in:						
Victoria	38	27.7%	27	14.0%	65	19.7%
Queensland	42	30.7%	102	52.8%	144	43.6%
Western Australia	6	4.4%	5	2.6%	11	3.3%
South Australia	5	3.6%	5	2.6%	10	3.0%
Tasmania	3	2.2%	3	1.6%	6	1.8%
Australian Capital Territory	15	10.9%	31	16.1%	46	13.9%
Northern Territory	19	13.9%	24	12.4%	43	13.0%

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, 2002

Residential Status	No.		%		No.		%		Per cent Female
	Female		Male		Total				
Australian Citizen	2,089	95.3%	1,973	95.0%	4,062	95.2%			51.4%
Not an Australian Citizen									
Permanent resident	81	3.7%	90	4.3%	171	4.0%			47.4%
Not permanent resident	14	0.6%	7	0.3%	21	0.5%			66.7%
Not stated	8	0.4%	6	0.3%	14	0.3%			57.1%
Total	2,192	100.0%	2,076	100.0%	4,268	100.0%			51.4%
<i>Non-response:</i>	6	0.3%	7	0.3%	13	0.3%			

Table 3.4: Field of pharmacy, main job - pharmacists working in NSW, 2002

Field of pharmacy - 1st job	No.		%		No.		%		Per cent Female
	Female		Male		Total				
Community/ retail pharmacist	1545	71.0%	1844	89.3%	3,389	79.9%			45.6%
Hospital/ clinic pharmacist	415	19.1%	113	5.5%	528	12.4%			78.6%
Industrial Pharmacist	85	3.9%	41	2.0%	126	3.0%			67.5%
Administration	17	0.8%	21	1.0%	38	0.9%			44.7%
Teacher/ Education	19	0.9%	12	0.6%	31	0.7%			61.3%
Other	95	4.4%	35	1.7%	130	3.1%			73.1%
Total	2176	100.0%	2066	100.0%	4,242	100.0%			51.3%
<i>Non-response:</i>	22	1.0%	17	0.8%	39	0.9%			

Table 3.5: Field of pharmacy, second job - pharmacists working in NSW, 2002

Field of pharmacy - 2nd job	No.		%		No.		%		Per cent Female
	Female		Male		Total				
Community/ retail pharmacist	426	80.7%	275	85.4%	701	82.5%			60.8%
Hospital/ clinic pharmacist	45	8.5%	16	5.0%	61	7.2%			73.8%
Industrial Pharmacist	3	0.6%	0	0.0%	3	0.4%			100.0%
Administration	1	0.2%	6	1.9%	7	0.8%			14.3%
Teacher/ Education	16	3.0%	10	3.1%	26	3.1%			61.5%
Other	37	7.0%	15	4.7%	52	6.1%			71.2%
Total	528	100.0%	322	100.0%	850	100.0%			62.1%
<i>Non-response:</i>	1670	76.0%	1761	84.5%	3,431	80.1%			

Table 3.6: Nature of employment, pharmacists working in community (retail) pharmacy in main job, NSW, 2002

Employment status - main job	No.		%		No.		%	
	Female		Male		Total		Per cent Female	
Classification of current job								
Pharmacist in charge	1227	80.6%	1660	91.6%	2,887	86.6%	42.5%	
Staff pharmacist	295	19.4%	152	8.4%	447	13.4%	66.0%	
Total	1522	100.0%	1812	100.0%	3,334	100.0%	45.7%	
<i>Non-response:</i>	23	1.5%	32	1.7%	55	1.6%		
Sole proprietor, partner, or salaried								
Sole proprietor	225	15.1%	649	36.1%	874	26.6%	25.7%	
Partner-proprietor	187	12.6%	395	22.0%	582	17.7%	32.1%	
Salaried	1077	72.3%	755	42.0%	1832	55.7%	58.8%	
Total	1489	100.0%	1799	100.0%	3288	100.0%	45.3%	
<i>Non-response:</i>	56	3.6%	45	2.4%	101	3.0%		
Nature of employment position								
Permanent (full time or part time)	1274	83.8%	1512	83.7%	2786	83.8%	45.7%	
Reliever, one location	147	9.7%	106	5.9%	253	7.6%	58.1%	
Reliever - various locations	99	6.5%	188	10.4%	287	8.6%	34.5%	
Total	1520	100.0%	1806	100.0%	3326	100.0%	45.7%	
<i>Non-response:</i>	25	1.6%	38	2.1%	63	1.9%		

Table 3.7: Nature of employment, pharmacists working in community (retail) pharmacy in second job, NSW, 2002

Employment status - second job	No.		%		No.		%	
	Female		Male		Total		Per cent Female	
Classification of current job								
Pharmacist in charge	347	84.0%	221	86.0%	568	84.8%	61.1%	
Staff pharmacist	66	16.0%	36	14.0%	102	15.2%	64.7%	
Total	413	100.0%	257	100.0%	670	100.0%	61.6%	
<i>Non-response:</i>	13	3.1%	18	6.5%	31	4.4%		
Sole proprietor, partner, or salaried								
Sole proprietor	13	3.4%	16	6.6%	29	4.6%	44.8%	
Partner-proprietor	5	1.3%	27	11.1%	32	5.1%	15.6%	
Salaried	364	95.3%	201	82.4%	565	90.3%	64.4%	
Total	382	100.0%	244	100.0%	626	100.0%	61.0%	
<i>Non-response:</i>	44	10.3%	31	11.3%	75	10.7%		
Nature of employment position								
Permanent (full time or part time)	206	52.0%	143	57.0%	349	53.9%	59.0%	
Reliever, one location	95	24.0%	36	14.3%	131	20.2%	72.5%	
Reliever - various locations	95	24.0%	72	28.7%	167	25.8%	56.9%	
Total	396	100.0%	251	100.0%	647	100.0%	61.2%	
<i>Non-response:</i>	30	7.0%	24	8.7%	54	7.7%		

Table 3.8: Job classification of hospital/clinic pharmacists working in NSW, main and second job, 2002

	No.		%		No.		%		Per cent female
	Female	Male	Total		Total				
Main job									
Director	50	12.2%	31	27.4%	81	15.5%		61.7%	
Deputy Director	11	2.7%	5	4.4%	16	3.1%		68.8%	
Senior Pharmacist	76	18.6%	29	25.7%	105	20.1%		72.4%	
Clinical Pharmacist	181	44.3%	22	19.5%	203	38.9%		89.2%	
Pharmacist	91	22.2%	26	23.0%	117	22.4%		77.8%	
Total	409	100.0%	113	100.0%	522	100.0%		78.4%	
<i>Non-response:</i>	6	1.4%	0	0.0%	6	1.1%			
Second job									
Director	1	2.5%	3	20.0%	4	7.3%		25.0%	
Deputy Director	0	0.0%	0	0.0%	0	0.0%		0.0%	
Senior Pharmacist	3	7.5%	1	6.7%	4	7.3%		75.0%	
Clinical Pharmacist	19	47.5%	3	20.0%	22	40.0%		86.4%	
Pharmacist	17	42.5%	8	53.3%	25	45.5%		68.0%	
Total	40	100.0%	15	100.0%	55	100.0%		72.7%	
<i>Non-response:</i>	5	11.1%	1	6.3%	6	9.8%			

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

Hours per week	No.		%		No.		%		Per cent female
	Female	Male	Total		Total				
1-9	186	8.6%	105	5.1%	291	6.9%		63.9%	
10-19	366	16.9%	182	8.9%	548	13.0%		66.8%	
20-29	387	17.9%	182	8.9%	569	13.5%		68.0%	
30-34	201	9.3%	131	6.4%	332	7.9%		60.5%	
35-39	233	10.8%	188	9.2%	421	10.0%		55.3%	
40-44	381	17.6%	325	15.9%	706	16.8%		54.0%	
45-49	157	7.3%	276	13.5%	433	10.3%		36.3%	
50-59	174	8.0%	468	22.9%	642	15.2%		27.1%	
60-69	57	2.6%	147	7.2%	204	4.8%		27.9%	
>70	20	0.9%	44	2.1%	64	1.5%		31.3%	
Total	2162	100.0%	2048	100.0%	4210	100.0%		51.4%	
<i>No hours reported</i>	36		35		71				

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

Hours per week	No.		%		No.		%		Per cent female
	Female	Male	Total		Total				
1-9	310	36.9%	151	50.0%	461	54.9%		67.2%	
10-19	165	19.7%	131	32.6%	296	35.3%		55.7%	
20-29	33	3.9%	32	13.8%	65	7.7%		50.8%	
30-34	3	0.4%	3	1.3%	6	0.7%		50.0%	
35-39	1	0.1%	0	1.0%	1	0.1%		100.0%	
40-44	2	0.2%	2	0.0%	4	0.5%		50.0%	
45-49	0	0.0%	1	0.0%	1	0.1%		0.0%	
50-59	1	0.1%	1	1.0%	2	0.2%		50.0%	
60-69	1	0.1%	1	0.0%	2	0.2%		50.0%	
>70	1	0.1%	0	0.3%	1	0.1%		100.0%	
Total	517	61.6%	322	100.0%	839	100.0%		61.6%	
<i>No hours reported</i>	1681		1761		3,442				

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	147	6.8%	97	4.7%	244	5.8%	60.2%
10-19	286	13.2%	156	7.6%	442	10.5%	64.7%
20-29	381	17.6%	152	7.4%	533	12.6%	71.5%
30-34	203	9.4%	111	5.4%	314	7.4%	64.6%
35-39	240	11.1%	180	8.8%	420	10.0%	57.1%
40-44	400	18.5%	318	15.5%	718	17.0%	55.7%
45-49	206	9.5%	311	15.1%	517	12.3%	39.8%
50-59	209	9.7%	514	25.0%	723	17.1%	28.9%
60-69	65	3.0%	162	7.9%	227	5.4%	28.6%
>70	27	1.2%	54	2.6%	81	1.9%	33.3%
Total	2164	100.0%	2055	100.0%	4219	100.0%	51.3%
<i>No hours reported</i>	34	1.5%	28	1.3%	62	1.4%	

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	214	13.0%	119	6.4%	333	9.5%	64.3%
10-19	260	15.8%	163	8.7%	423	12.1%	61.5%
20-29	268	16.3%	140	7.5%	408	11.6%	65.7%
30-34	149	9.1%	104	5.6%	253	7.2%	58.9%
35-39	163	9.9%	141	7.6%	304	8.7%	53.6%
40-44	238	14.5%	264	14.2%	502	14.3%	47.4%
45-49	135	8.2%	277	14.9%	412	11.8%	32.8%
50-59	154	9.4%	461	24.7%	615	17.6%	25.0%
60-69	40	2.4%	145	7.8%	185	5.3%	21.6%
>70	20	1.2%	49	2.6%	69	2.0%	29.0%
Total	1641	100.0%	1863	100.0%	3,504	100.0%	46.8%
<i>No hours reported</i>	557	25.3%	220	10.6%	777	18.1%	

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	34	7.7%	8	6.4%	42	7.4%	81.0%
10-19	76	17.1%	15	12.0%	91	16.0%	83.5%
20-29	87	19.6%	11	8.8%	98	17.2%	88.8%
30-34	34	7.7%	2	1.6%	36	6.3%	94.4%
35-39	61	13.7%	32	25.6%	93	16.3%	65.6%
40-44	105	23.6%	34	27.2%	139	24.4%	75.5%
45-49	20	4.5%	10	8.0%	30	5.3%	66.7%
50-59	16	3.6%	12	9.6%	28	4.9%	57.1%
60-69	8	1.8%	0	0.0%	8	1.4%	100.0%
>70	3	0.7%	1	0.8%	4	0.7%	75.0%
Total	444	100.0%	125	100.0%	569	100.0%	78.0%
<i>No hours reported</i>	1754	0.7%	1958	5.3%	3712	86.7%	

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	Female	Male	Total	Total	Total		
1-9	28.7	1.4%	17.7	0.7%	46.4	1.0%		61.8%	
10-19	115.8	5.6%	60.8	2.5%	176.6	3.9%		65.6%	
20-29	259.3	12.5%	99.7	4.1%	359.1	8.0%		72.2%	
30-34	181.7	8.8%	98.4	4.1%	280.2	6.2%		64.9%	
35-39	254.1	12.3%	190.0	7.9%	444.1	9.9%		57.2%	
40-44	469.0	22.7%	373.4	15.4%	842.4	18.8%		55.7%	
45-49	272.5	13.2%	412.1	17.0%	684.6	15.3%		39.8%	
50-59	310.2	15.0%	766.9	31.7%	1077.1	24.0%		28.8%	
60-69	113.2	5.5%	282.8	11.7%	396.1	8.8%		28.6%	
>70	63.7	3.1%	115.4	4.8%	179.1	4.0%		35.6%	
Total	2,068.3	100.0%	2,417.5	100.0%	4,485.8	100.0%		46.1%	
<i>No hours reported</i>	34	1.6%	28	1.1%	62	1.4%			

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	Female	Male	Total	Total	Total		
19-24	107	6.7%	50	2.8%	157	4.7%		68.2%	
25-29	262	16.5%	171	9.6%	433	12.9%		60.5%	
30-34	228	14.4%	191	10.7%	419	12.4%		54.4%	
35-39	129	8.1%	96	5.4%	225	6.7%		57.3%	
40-44	196	12.4%	159	8.9%	355	10.5%		55.2%	
45-49	219	13.8%	142	8.0%	361	10.7%		60.7%	
50-54	151	9.5%	149	8.4%	300	8.9%		50.3%	
55-59	111	7.0%	211	11.8%	322	9.6%		34.5%	
60-64	103	6.5%	319	17.9%	422	12.5%		24.4%	
65-69	61	3.8%	194	10.9%	255	7.6%		23.9%	
70-74	16	1.0%	83	4.7%	99	2.9%		16.2%	
75+	4	0.3%	17	1.0%	21	0.6%		19.0%	
Total	1587	100.0%	1782	100.0%	3369	100.0%		47.1%	
<i>Non-response:</i>	84	5.0%	113	6.0%	197	5.5%			

Table 3.16: Age and sex distribution of hospital/clinic pharmacists working in NSW, 2002

Age group	No.		%		No.		%		Per cent female
	Female	Male	Female	Male	Total	Total	Total		
19-24	24	5.7%	2	1.6%	26	4.8%		92.3%	
25-29	54	12.8%	10	8.1%	64	11.7%		84.4%	
30-34	53	12.5%	11	8.9%	64	11.7%		82.8%	
35-39	38	9.0%	9	7.3%	47	8.6%		80.9%	
40-44	67	15.8%	13	10.5%	80	14.6%		83.8%	
45-49	87	20.6%	11	8.9%	98	17.9%		88.8%	
50-54	40	9.5%	10	8.1%	50	9.1%		80.0%	
55-59	36	8.5%	19	15.3%	55	10.1%		65.5%	
60-64	17	4.0%	15	12.1%	32	5.9%		53.1%	
65-69	6	1.4%	16	12.9%	22	4.0%		27.3%	
70-74	1	0.2%	4	3.2%	5	0.9%		20.0%	
75+	0	0.0%	4	3.2%	4	0.7%		0.0%	
Total	423	100.0%	124	100.0%	547	100.0%		77.3%	
<i>Non-response:</i>	25	5.6%	2	1.6%	27	4.7%			

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

Business/Service in main job	No.		%		No.		%	
	Female		Male		Total		Per cent Female	
Public sector								
Hospital	349	16.2%	89	4.3%	438	10.4%	79.7%	
Psychiatric Hospital	8	0.4%	5	0.2%	13	0.3%	61.5%	
Nursing Home	3	0.1%	0	0.0%	3	0.1%	100.0%	
Medical centre	2	0.1%	6	0.3%	8	0.2%	25.0%	
Tertiary education institution	18	0.8%	11	0.5%	29	0.7%	62.1%	
Government dept/organisation	21	1.0%	10	0.5%	31	0.7%	67.7%	
Defence Forces	9	0.4%	5	0.2%	14	0.3%	64.3%	
Pharmaceutical manufacturing org.	21	1.0%	7	0.3%	28	0.7%	75.0%	
Other health establishments	20	0.9%	5	0.2%	25	0.6%	80.0%	
Total public sector	451	20.9%	138	6.7%	589	14.0%	76.6%	
Private sector								
Private Community pharmacy	1536	71.3%	1832	89.5%	3368	80.1%	45.6%	
Private hospital	44	2.0%	10	0.5%	54	1.3%	81.5%	
Private Psychiatric Hospital	6	0.3%	1	0.0%	7	0.2%	85.7%	
Private Nursing Home	6	0.3%	4	0.2%	10	0.2%	60.0%	
Private medical centre	4	0.2%	5	0.2%	9	0.2%	44.4%	
Private tertiary education institution	3	0.1%	0	0.0%	3	0.1%	100.0%	
Private pharmaceutical organisation	86	4.0%	38	1.9%	124	3.0%	69.4%	
Private pharmaceutical wholesaling organis	0	0.0%	6	0.3%	6	0.1%	0.0%	
Private other health establishments	19	0.9%	14	0.7%	33	0.8%	57.6%	
Total private sector	1704	79.1%	1910	93.3%	3614	86.0%	47.1%	
Total	2155	100.0%	2048	100.0%	4203	100.0%	51.3%	
<i>Non-response:</i>	43	2.0%	35	1.7%	78	1.8%		

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

Type of premises	No.		%		No.		%	
	Female		Male		Total		Per cent Female	
Stand alone	1047	68.8%	1300	71.5%	2,347	70.3%	44.6%	
Shopping mall complex	375	24.7%	425	23.4%	800	24.0%	46.9%	
Private hospital/ Nursing home	7	0.5%	2	0.1%	9	0.3%	77.8%	
Medical Centre	91	6.0%	90	5.0%	181	5.4%	50.3%	
Other non -govt.	1	0.1%	1	0.1%	2	0.1%	50.0%	
Total	1521	100.0%	1818	100.0%	3,339	100.0%	45.6%	
<i>Non-response:</i>	24	1.6%	26	1.4%	50	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	31	5.9%	12	3.6%	43	5.0%	72.1%	
Psychiatric Hospital	0	0.0%	0	0.0%	0	0.0%	0.0%	
Nursing Home	4	0.8%	0	0.0%	4	0.5%	100.0%	
Medical centre	1	0.2%	0	0.0%	1	0.1%	100.0%	
Tertiary education institution	14	2.7%	6	1.8%	20	2.3%	70.0%	
Government dept/organisation	3	0.6%	1	0.3%	4	0.5%	75.0%	
Defence Forces	4	0.8%	0	0.0%	4	0.5%	100.0%	
Pharmaceutical manufacturing org.	0	0.0%	0	0.0%	0	0.0%	0.0%	
Other health establishments	4	0.8%	4	1.2%	8	0.9%	50.0%	
Total public sector	61	11.6%	23	7.0%	84	9.8%	72.6%	
Private sector								
Community pharmacy	434	82.2%	288	87.5%	722	84.2%	60.1%	
Hospital	4	0.8%	4	1.2%	8	0.9%	50.0%	
Psychiatric Hospital	1	0.2%	0	0.0%	1	0.1%	100.0%	
Nursing Home	14	2.7%	2	0.6%	16	1.9%	87.5%	
Medical centre	6	1.1%	4	1.2%	10	1.2%	60.0%	
Pharmaceutical manufacturing org.	0	0.0%	1	0.3%	1	0.1%	0.0%	
Pharmaceutical wholesaling org.	3	0.6%	2	0.6%	5	0.6%	60.0%	
Other health establishments	0	0.0%	1	0.3%	1	0.1%	0.0%	
	5	0.9%	4	1.2%	9	1.1%	55.6%	
Total private sector	467	88.4%	306	93.0%	773	90.2%	60.4%	
Total	528	100.0%	329	100.0%	857	100.0%	61.6%	
<i>Non-response:</i>	1670	76.0%	1754	84.2%	3,424	80.0%		

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	275	67.9%	150	61.0%	425	65.3%	64.7%	
Shopping mall complex	96	23.7%	64	26.0%	160	24.6%	60.0%	
Private hospital/ Nursing home	0	0.0%	0	0.0%	0	0.0%	0.0%	
Medical Centre	34	8.4%	32	13.0%	66	10.1%	51.5%	
Other non -govt.	0	0.0%	0	0.0%	0	0.0%	0.0%	
Total	405	100.0%	246	100.0%	651	100.0%	62.2%	
<i>Non-response:</i>	21	4.9%	29	10.5%	50	7.1%		

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

Home Location	No.		%		No.		%	
	Female	Male	Total	Per cent Female	Female	Male	Total	Per cent Female
Health Service								
Central Coast	50	84	134	37.3%	2.3%	4.1%	3.2%	
Central Sydney	230	181	411	56.0%	10.7%	8.9%	9.8%	
Hunter	112	172	284	39.4%	5.2%	8.4%	6.8%	
Illawarra	88	101	189	46.6%	4.1%	5.0%	4.5%	
Northern Sydney	566	406	972	58.2%	26.3%	19.9%	23.2%	
South Eastern Sydney	412	335	747	55.2%	19.1%	16.4%	17.8%	
South Western Sydney	194	161	355	54.6%	9.0%	7.9%	8.5%	
Wentworth	41	56	97	42.3%	1.9%	2.7%	2.3%	
Western Sydney	172	136	308	55.8%	8.0%	6.7%	7.3%	
Total Metropolitan Areas	1865	1632	3497	53.3%	86.6%	80.0%	83.4%	
Far West	4	7	11	36.4%	0.2%	0.3%	0.3%	
Greater Murray	51	64	115	44.3%	2.4%	3.1%	2.7%	
Macquarie	14	21	35	40.0%	0.7%	1.0%	0.8%	
Mid North Coast	49	89	138	35.5%	2.3%	4.4%	3.3%	
Mid Western	45	45	90	50.0%	2.1%	2.2%	2.1%	
New England	38	39	77	49.4%	1.8%	1.9%	1.8%	
Northern Rivers	37	73	110	33.6%	1.7%	3.6%	2.6%	
Southern	38	50	88	43.2%	1.8%	2.5%	2.1%	
Total Rural Health Services	276	388	664	41.6%	12.8%	19.0%	15.8%	
Interstate	12	19	31	38.7%	0.6%	0.9%	0.7%	
Total	2153	2039	4192	51.4%	100.0%	100.0%	100.0%	
<i>Non response:</i>	45	44	89		2.0%	2.1%	2.1%	

Table 3.22: Home location by Area Health Service, community (retail) pharmacists

Home Location	No.		%		No.		%	
	Female	Male	Total	Per cent Female	Female	Male	Total	Per cent Female
Health Service								
Central Coast	34	77	111	30.6%	2.2%	4.3%	3.3%	
Central Sydney	136	153	289	47.1%	9.0%	8.5%	8.7%	
Hunter	84	156	240	35.0%	5.5%	8.6%	7.2%	
Illawarra	60	98	158	38.0%	4.0%	5.4%	4.8%	
Northern Sydney	365	330	695	52.5%	24.1%	18.3%	20.9%	
South Eastern Sydney	288	301	589	48.9%	19.0%	16.7%	17.7%	
South Western Sydney	163	148	311	52.4%	10.8%	8.2%	9.4%	
Wentworth	30	48	78	38.5%	2.0%	2.7%	2.4%	
Western Sydney	114	117	231	49.4%	7.5%	6.5%	7.0%	
Total Metropolitan Areas	1274	1428	2702	47.2%	84.1%	79.2%	81.4%	
Far West	4	7	11	36.4%	0.3%	0.4%	0.3%	
Greater Murray	45	58	103	43.7%	3.0%	3.2%	3.1%	
Macquarie	12	17	29	41.4%	0.8%	0.9%	0.9%	
Mid North Coast	45	85	130	34.6%	3.0%	4.7%	3.9%	
Mid Western	36	40	76	47.4%	2.4%	2.2%	2.3%	
New England	32	35	67	47.8%	2.1%	1.9%	2.0%	
Northern Rivers	29	67	96	30.2%	1.9%	3.7%	2.9%	
Southern	32	49	81	39.5%	2.1%	2.7%	2.4%	
Total Rural Health Services	235	358	593	39.6%	15.5%	19.8%	17.9%	
Interstate	6	18	24	0.0%	0.4%	1.0%	0.7%	
Total	1515	1804	3319	45.6%	100.0%	100.0%	100.0%	
<i>Non response:</i>	30	40	70		1.9%	2.2%	2.1%	

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

Table 3.23: Home location by Area Health Service, hospital/clinic pharmacists working

Home Location	No.	%	No.	%	No.	%	Per cent
	Female		Male		Total		
Health Service							
Central Coast	13	3.2%	2	1.8%	15	2.9%	0.0%
Central Sydney	59	14.6%	10	9.1%	69	13.4%	85.5%
Hunter	24	5.9%	14	12.7%	38	7.4%	63.2%
Illawarra	21	5.2%	3	2.7%	24	4.7%	0.0%
Northern Sydney	106	26.2%	24	21.8%	130	25.2%	81.5%
South Eastern Sydney	75	18.5%	13	11.8%	88	17.1%	85.2%
South Western Sydney	21	5.2%	7	6.4%	28	5.4%	75.0%
Wentworth	10	2.5%	5	4.5%	15	2.9%	0.0%
Western Sydney	39	9.6%	11	10.0%	50	9.7%	78.0%
Total Metropolitan Areas	368	90.9%	89	80.9%	457	88.7%	80.5%
Far West	0	0.0%	0	0.0%	0	0.0%	0.0%
Greater Murray	5	1.2%	3	2.7%	8	1.6%	0.0%
Macquarie	0	0.0%	3	2.7%	3	0.6%	0.0%
Mid North Coast	2	0.5%	3	2.7%	5	1.0%	40.0%
Mid Western	5	1.2%	4	3.6%	9	1.7%	55.6%
New England	6	1.5%	3	2.7%	9	1.7%	66.7%
Northern Rivers	8	2.0%	4	3.6%	12	2.3%	66.7%
Southern	5	1.2%	1	0.9%	6	1.2%	83.3%
Total Rural Health Services	31	7.7%	21	19.1%	52	10.1%	59.6%
Interstate	6	1.5%	0	0.0%	6	1.2%	100.0%
Total	405	100.0%	110	100.0%	515	100.0%	78.6%
<i>Non response:</i>	10	2.4%	3	2.7%	13	2.5%	

Table 3.21: Work location by Area Health Service of pharmacists working in NSW - main job

Work location - main job	No.	%	No.	%	No.	%	Per cent Female
	Female		Male		Total		
Health Service							
Central Coast	48	2.3%	95	4.8%	143	3.5%	33.6%
Central Sydney	203	9.7%	166	8.3%	369	9.0%	55.0%
Hunter	101	4.8%	159	8.0%	260	6.3%	38.8%
Illawarra	87	4.1%	106	5.3%	193	4.7%	45.1%
Northern Sydney	497	23.6%	288	14.4%	785	19.2%	63.3%
South Eastern Sydney	435	20.7%	303	15.2%	738	18.0%	58.9%
South Western Sydney	166	7.9%	193	9.7%	359	8.8%	46.2%
Wentworth	58	2.8%	80	4.0%	138	3.4%	42.0%
Western Sydney	215	10.2%	194	9.7%	409	10.0%	52.6%
Total Metropolitan Areas	1810	86.1%	1584	79.3%	3394	82.8%	53.3%
Far West	4	0.2%	12	0.6%	16	0.4%	25.0%
Greater Murray	55	2.6%	66	3.3%	121	3.0%	45.5%
Macquarie	15	0.7%	29	1.5%	44	1.1%	34.1%
Mid North Coast	47	2.2%	82	4.1%	129	3.1%	36.4%
Mid Western	42	2.0%	39	2.0%	81	2.0%	51.9%
New England	45	2.1%	40	2.0%	85	2.1%	52.9%
Northern Rivers	42	2.0%	92	4.6%	134	3.3%	31.3%
Southern	40	1.9%	49	2.5%	89	2.2%	44.9%
Total Rural Health Services	290	13.8%	409	20.5%	699	17.1%	41.5%
Interstate	2	0.1%	4	0.2%	6	0.1%	33.3%
Total	2102	100.0%	1997	100.0%	4099	100.0%	51.3%
<i>Non response:</i>	96	4.4%	86	4.1%	182	4.3%	

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

Work location - 2nd job	No.	%	No.	%	No.	%	Per cent Female
	Female		Male		Total		
Health Service							
Central Coast	12	2.5%	9	2.9%	21	2.7%	57.1%
Central Sydney	52	10.8%	31	10.0%	83	10.5%	62.7%
Hunter	35	7.3%	32	10.3%	67	8.5%	52.2%
Illawarra	27	5.6%	17	5.5%	44	5.6%	61.4%
Northern Sydney	120	25.0%	50	16.1%	170	21.5%	70.6%
South Eastern Sydney	91	19.0%	52	16.8%	143	18.1%	63.6%
South Western Sydney	29	6.0%	34	11.0%	63	8.0%	46.0%
Wentworth	14	2.9%	13	4.2%	27	3.4%	51.9%
Western Sydney	38	7.9%	21	6.8%	59	7.5%	64.4%
Total Metropolitan Areas	418	87.1%	259	83.5%	677	85.7%	61.7%
Far West	0	0.0%	0	0.0%	0	0.0%	0.0%
Greater Murray	10	2.1%	6	1.9%	16	2.0%	62.5%
Macquarie	3	0.6%	5	1.6%	8	1.0%	37.5%
Mid North Coast	11	2.3%	17	5.5%	28	3.5%	39.3%
Mid Western	9	1.9%	1	0.3%	10	1.3%	90.0%
New England	12	2.5%	3	1.0%	15	1.9%	80.0%
Northern Rivers	7	1.5%	9	2.9%	16	2.0%	43.8%
Southern	8	1.7%	7	2.3%	15	1.9%	53.3%
Total Rural Health Services	60	12.5%	48	15.5%	108	13.7%	55.6%
Interstate	2	0.4%	3	1.0%	5	0.6%	40.0%
Total	480	100.0%	310	100.0%	790	100.0%	60.8%
<i>Non response:</i>	1718	78.2%	1773	85.1%	3491	81.5%	

Table 3.23: Work location by Area Health Service, community (retail) pharmacists working in NSW - main job

Work location - main job	No.	%	No.	%	No.	%	Per cent Female
	Female		Male		Total		
Health Service							
Central Coast	34	2.3%	89	5.0%	123	3.8%	27.6%
Central Sydney	131	8.8%	144	8.1%	275	8.4%	47.6%
Hunter	76	5.1%	143	8.1%	219	6.7%	34.7%
Illawarra	62	4.2%	102	5.8%	164	5.0%	37.8%
Northern Sydney	336	22.5%	231	13.0%	567	17.4%	59.3%
South Eastern Sydney	314	21.1%	267	15.1%	581	17.8%	54.0%
South Western Sydney	134	9.0%	181	10.2%	315	9.7%	42.5%
Wentworth	44	3.0%	73	4.1%	117	3.6%	37.6%
Western Sydney	116	7.8%	162	9.1%	278	8.5%	41.7%
Total Metropolitan Areas	1247	83.6%	1392	78.5%	2639	80.9%	47.3%
Far West	4	0.3%	10	0.6%	14	0.4%	28.6%
Greater Murray	46	3.1%	60	3.4%	106	3.2%	43.4%
Macquarie	15	1.0%	25	1.4%	40	1.2%	37.5%
Mid North Coast	42	2.8%	78	4.4%	120	3.7%	35.0%
Mid Western	33	2.2%	37	2.1%	70	2.1%	47.1%
New England	38	2.5%	36	2.0%	74	2.3%	51.4%
Northern Rivers	32	2.1%	84	4.7%	116	3.6%	27.6%
Southern	32	2.1%	48	2.7%	80	2.5%	40.0%
Total Rural Health Services	242	16.2%	378	21.3%	620	19.0%	39.0%
Interstate	2	0.1%	3	0.2%	5	0.2%	40.0%
Total	1491	100.0%	1773	100.0%	3264	100.0%	45.7%
<i>Non response:</i>	54	3.5%	71	3.9%	125	3.7%	

Table 3.24: Work location by Area Health Service, community (retail) pharmacists working in NSW - second job

Work location - 2nd job	No.	%	No.	%	No.	%	Per cent Female
	Female		Male		Total		
Health Service							
Central Coast	12	3.3%	6	2.7%	18	3.1%	66.7%
Central Sydney	37	10.1%	26	11.7%	63	10.7%	58.7%
Hunter	27	7.4%	21	9.5%	48	8.2%	56.3%
Illawarra	19	5.2%	13	5.9%	32	5.4%	59.4%
Northern Sydney	99	27.0%	40	18.0%	139	23.6%	71.2%
South Eastern Sydney	72	19.7%	35	15.8%	107	18.2%	67.3%
South Western Sydney	25	6.8%	27	12.2%	52	8.8%	48.1%
Wentworth	12	3.3%	10	4.5%	22	3.7%	54.5%
Western Sydney	24	6.6%	14	6.3%	38	6.5%	63.2%
Total Metropolitan Areas	327	89.3%	192	86.5%	519	88.3%	63.0%
Far West	0	0.0%	0	0.0%	0	0.0%	#DIV/0!
Greater Murray	6	1.6%	4	1.8%	10	1.7%	60.0%
Macquarie	2	0.5%	3	1.4%	5	0.9%	40.0%
Mid North Coast	7	1.9%	9	4.1%	16	2.7%	43.8%
Mid Western	8	2.2%	1	0.5%	9	1.5%	88.9%
New England	8	2.2%	3	1.4%	11	1.9%	72.7%
Northern Rivers	4	1.1%	4	1.8%	8	1.4%	50.0%
Southern	3	0.8%	5	2.3%	8	1.4%	37.5%
Total Rural Health Services	38	10.4%	29	13.1%	67	11.4%	56.7%
Interstate	1	0.3%	1	0.5%	2	0.3%	0.0%
Total	366	100.0%	222	100.0%	588	100.0%	62.2%
<i>Non response:</i>	60	14.1%	53	19.3%	113	16.1%	

Table 3.25: Work location by Area Health Service, hospital/clinic pharmacists working in NSW - main job

Work location - main job	No.	%	No.	%	No.	%	Per cent Female
	Female		Male		Total		
Health Service							
Central Coast	13	3.3%	3	2.7%	16	3.2%	81.3%
Central Sydney	44	11.1%	9	8.2%	53	10.5%	83.0%
Hunter	23	5.8%	14	12.7%	37	7.3%	62.2%
Illawarra	20	5.1%	3	2.7%	23	4.6%	87.0%
Northern Sydney	68	17.2%	13	11.8%	81	16.0%	84.0%
South Eastern Sydney	82	20.8%	17	15.5%	99	19.6%	82.8%
South Western Sydney	25	6.3%	10	9.1%	35	6.9%	71.4%
Wentworth	14	3.5%	5	4.5%	19	3.8%	73.7%
Western Sydney	61	15.4%	13	11.8%	74	14.7%	82.4%
Total Metropolitan Areas	350	88.6%	87	79.1%	437	86.5%	80.1%
Far West	0	0.0%	2	1.8%	2	0.4%	0.0%
Greater Murray	8	2.0%	3	2.7%	11	2.2%	72.7%
Macquarie	0	0.0%	3	2.7%	3	0.6%	0.0%
Mid North Coast	4	1.0%	3	2.7%	7	1.4%	57.1%
Mid Western	8	2.0%	2	1.8%	10	2.0%	80.0%
New England	7	1.8%	3	2.7%	10	2.0%	70.0%
Northern Rivers	10	2.5%	6	5.5%	16	3.2%	62.5%
Southern	8	2.0%	1	0.9%	9	1.8%	88.9%
Total Rural Health Services	45	11.4%	23	20.9%	68	13.5%	66.2%
Interstate	0	0.0%	0	0.0%	0	0.0%	0.0%
Total	395	100.0%	110	100.0%	505	100.0%	78.2%
<i>Non response:</i>	20	4.8%	3	2.7%	23	4.4%	

Table 3.26: Work location by Area Health Service, hospital/clinic pharmacists working in NSW - second job

Work location - 2nd job	No.	%	No.	%	No.	%	Per cent Female
	Female		Male		Total		
Health Service							
Central Coast	0	0.0%	0	0.0%	0	0.0%	0.0%
Central Sydney	4	10.8%	0	0.0%	4	8.0%	100.0%
Hunter	3	8.1%	2	15.4%	5	10.0%	60.0%
Illawarra	2	5.4%	1	7.7%	3	6.0%	0.0%
Northern Sydney	5	13.5%	2	15.4%	7	14.0%	71.4%
South Eastern Sydney	5	13.5%	1	7.7%	6	12.0%	83.3%
South Western Sydney	1	2.7%	0	0.0%	1	2.0%	100.0%
Wentworth	1	2.7%	1	7.7%	2	4.0%	0.0%
Western Sydney	5	13.5%	1	7.7%	6	12.0%	83.3%
Total Metropolitan Areas	26	70.3%	8	61.5%	34	68.0%	76.5%
Far West	0	0.0%	0	0.0%	0	0.0%	0.0%
Greater Murray	1	2.7%	1	7.7%	2	4.0%	0.0%
Macquarie	1	2.7%	0	0.0%	1	2.0%	100.0%
Mid North Coast	1	2.7%	3	23.1%	4	8.0%	25.0%
Mid Western	1	2.7%	0	0.0%	1	2.0%	100.0%
New England	2	5.4%	0	0.0%	2	4.0%	100.0%
Northern Rivers	1	2.7%	0	0.0%	1	2.0%	100.0%
Southern	3	8.1%	1	7.7%	4	8.0%	75.0%
Total Rural Health Services	10	27.0%	5	38.5%	15	30.0%	66.7%
Interstate	1	2.7%	0	0.0%	1	2.0%	100.0%
Total	37	100.0%	13	100.0%	50	100.0%	74.0%
<i>Non response:</i>	8	17.8%	3	18.8%	11	18.0%	

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

Profile of the Pharmacist Workforce 2002
Table 3.27: Type of continuing professional education undertaken by pharmacists working in NSW, 2002

Type of education	No.		%		No.		%		Per cent female
	Female	Male	Female	Male	Total	Total	Total		
Nil continuing education	174	204	8.5%	10.2%	378	378	9.3%	46.0%	
Face-to-face only	220	155	10.7%	7.8%	375	375	9.3%	58.7%	
Private study only	463	544	22.6%	27.3%	1007	1007	24.9%	46.0%	
Face-to-face and private	1194	1091	58.2%	54.7%	2285	2285	56.5%	52.3%	
Total	2051	1994	100.0%	100.0%	4045	4045	100.0%	50.7%	
<i>Non response:</i>	147	89	6.7%	4.3%	236	236	5.5%		

Table 3.28: Hours of face-to-face study undertaken by pharmacists working in NSW, 2002

Hours of study	No.		%		No.		%		Per cent female
	Female	Male	Female	Male	Total	Total	Total		
1-9	376	356	26.6%	28.6%	732	732	27.5%	51.4%	
10-19	451	428	31.9%	34.3%	879	879	33.0%	51.3%	
20-29	232	234	16.4%	18.8%	466	466	17.5%	49.8%	
30-39	129	80	9.1%	6.4%	209	209	7.9%	61.7%	
40-49	66	56	4.7%	4.5%	122	122	4.6%	54.1%	
50-59	57	32	4.0%	2.6%	89	89	3.3%	64.0%	
60-69	35	19	2.5%	1.5%	54	54	2.0%	64.8%	
70-79	11	7	0.8%	0.6%	18	18	0.7%	61.1%	
80-89	13	13	0.9%	1.0%	26	26	1.0%	50.0%	
90-99	4	2	0.3%	0.2%	6	6	0.2%	66.7%	
100-199	33	14	2.3%	1.1%	47	47	1.8%	70.2%	
200-299	4	4	0.3%	0.3%	8	8	0.3%	50.0%	
300+	3	1	0.2%	0.1%	4	4	0.2%	75.0%	
Total	1414	1246	100.0%	100.0%	2660	2660	100.0%	53.2%	
<i>Non response:</i>	784	837	35.7%	40.2%	1621	1621	37.9%		

Table 3.29: Hours of private study undertaken by pharmacists working in NSW, 2002

Hours of study	No.		%		No.		%		Per cent female
	Female	Male	Female	Male	Total	Total	Total		
1-9	123	107	7.4%	6.5%	230	230	7.0%	53.5%	
10-19	321	271	19.4%	16.6%	592	592	18.0%	54.2%	
20-29	340	354	20.5%	21.7%	694	694	21.1%	49.0%	
30-39	153	166	9.2%	10.2%	319	319	9.7%	48.0%	
40-49	104	110	6.3%	6.7%	214	214	6.5%	48.6%	
50-59	197	216	11.9%	13.2%	413	413	12.5%	47.7%	
60-69	74	65	4.5%	4.0%	139	139	4.2%	53.2%	
70-79	29	17	1.8%	1.0%	46	46	1.4%	63.0%	
80-89	29	26	1.8%	1.6%	55	55	1.7%	52.7%	
90-99	11	12	0.7%	0.7%	23	23	0.7%	47.8%	
100-199	201	223	12.1%	13.6%	424	424	12.9%	47.4%	
200-299	46	47	2.8%	2.9%	93	93	2.8%	49.5%	
300+	29	21	1.8%	1.3%	50	50	1.5%	58.0%	
Total	1657	1635	100.0%	100.0%	3292	3292	100.0%	50.3%	
<i>Non response:</i>	541	448	24.6%	21.5%	989	989	23.1%		

Table 3.30: Work status in 2001, Pharmacists working in NSW, 2002

Type of education	No.		%		No.		%		Per cent female
	Female		Male		Total				
Working only in NSW	1867	94.5%	1772	96.0%	3639	95.3%			51.3%
Working mainly in other states but also NSW	2	0.1%	7	0.4%	9	0.2%			22.2%
Working mainly in NSW but also in other states	21	1.1%	34	1.8%	55	1.4%			38.2%
Working in states other than NSW	19	1.0%	12	0.7%	31	0.8%			61.3%
Working in NSW but currently on leave	25	1.3%	0	0.0%	25	0.7%			100.0%
Working overseas	16	0.8%	9	0.5%	25	0.7%			64.0%
Currently not working	18	0.9%	9	0.5%	27	0.7%			66.7%
Currently working but not in pharmacy	7	0.4%	2	0.1%	9	0.2%			77.8%
Total	1975	100.0%	1845	100.0%	3820	100.0%			51.7%
<i>Non response</i>	223	10.1%	238	11.4%	461	10.8%			