

NSW Health

2006

Profile of the Pharmacists Workforce in NSW

NSW DEPARTMENT OF HEALTH

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1

INTRODUCTION

This report provides an overview of information from the 2006 NSW Pharmacy Labour Force Survey. All persons wishing to work as pharmacists in this State must be registered with the Pharmacy Board of New South Wales ('the Board'). This includes persons whose primary registration may be in another State but who work some or all of their time in NSW.

An extract from the register of pharmacists maintained by the Board was undertaken on 15 March 2007. All pharmacists who had been registered on 31 December 2005 were invited to renew their registration for the year 2006 unless they had advised the Board that they did not wish to maintain their registration. Accompanying their invitation to renew was a Labour Force Survey form that the Board requested be completed and returned together with their remittance. An alternative means for payment and completion of the survey was available through the internet. The Pharmacy Board is the only health registration board that offered this alternative.

Most pharmacists choosing to renew also participated in the labour force survey. However, it is not mandatory to complete a survey form and some pharmacists renewed registration without participation in the survey. Persons who chose not to renew by 31 December 2006 were deemed to have unfinancial status. Other reasons for persons to have lost financial status include deregistration following disciplinary action or death.

Persons who made their first application to be registered as a pharmacist during the year 2006 (new entrants) were not asked to complete a Labour Force Survey form. Similarly, persons who had lost registration before 31 December 2005, but had previously been registered, could re-register with the payment of a restoration fee and did not receive a survey form.

The current register of pharmacists who hold financial status therefore can be divided into three categories; renewals, new entrants and re-registrations, while the register also holds information about registrants without financial status in two categories; persons who were financial (currently registered) on 31 December 2005 and persons who had become unfinancial at an earlier time. Labour force data will have been submitted only by renewals.

Note that selected charts have been included as part of this discussion. They are not designed to be exhaustive but rather to highlight areas of possible interest to the reader. In order to focus on these areas, small groups of respondents or responses may have been consolidated or disregarded in the charts. There may also be small inconsistencies due to rounding.

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 included on the data file. Survey information that could identify individual respondents will not be made available. The continued support of the Pharmacy Board, professional organisations and pharmacists participating in the survey is appreciated.

This report provides an overview and commentary on the pharmacy workforce in 2006. It is intended for readers wishing to obtain information on current labour force conditions and trends over time without the presentation of detailed tabulations from the survey. Full tables covering responses to each question on the survey form have been placed in a separate report. The series of reports covering eight health professions together with earlier reports in the series can be downloaded free of charge from the NSW Health website:

http://www.health.nsw.gov.au/pubs/subs/sub_workforce.asp

2

REGISTRANTS

2.1 The Number of Pharmacists on the Register

The 2006 register of pharmacists contains 8,657 names. Apart from the full registration and unfinancial categories, a small number of pharmacists fall into other categories including provisional registration, mutual recognition and suspension. Persons with current full registration are divided as follows:

Renewals	7462
New Entrants	455
Previously Unfinancial	<u>85</u>
TOTAL CURRENT	8002
Not on register 2005	39
Unfinancial in last 12 months	338
Unfinancial for > 12 months	<u>278</u>
TOTAL NON CURRENT	655

It was found that 6,888 pharmacists completed labour force survey data, a response rate of 92.3%. The respondents included 4,537 persons currently working as pharmacists in NSW (66% of the survey respondents), and 2,351 persons who are not currently working as NSW pharmacists or did not indicate their current working status. The higher response rate and lower working participation rate than was found for other labour force profiles may be related to the availability of online response.

Previous reports in this series have proposed two methods for estimation of the actual pharmacy workforce. The first method used until 2003 made assumptions about non responding pharmacists with additional estimates for new entrants and persons previously unfinancial who do not receive labour force surveys. The second method used in the period 2003-2005 is based on responses to the Census of Population and Housing, 2001. There are advantages and disadvantages to both methods.

There would be 4,919 renewal pharmacists working in NSW if we assume that those who did not respond to the survey have a similar workforce pattern to those who did respond. An additional 477 pharmacists can be estimated from the pool of new entrants and restorations. However, there may be good grounds for believing that non-respondents include a higher percentage of persons who are not working and therefore the above estimate may be too high. The 2006 Census of Population and Housing included 4,737 respondents who reported working as a pharmacist in NSW as their main occupation compared to 5,396 by the method outlined above. However, the census is itself an underenumeration of the true population because it excludes those temporarily overseas and those who work part time and nominated another occupation. All data shown in this report exclude assumptions made for non-respondents to the survey.

Chart 2.1a shows registration, survey and NSW workforce estimates grouped by gender of the respondents. The gender for a small number of survey respondents could not be ascertained.

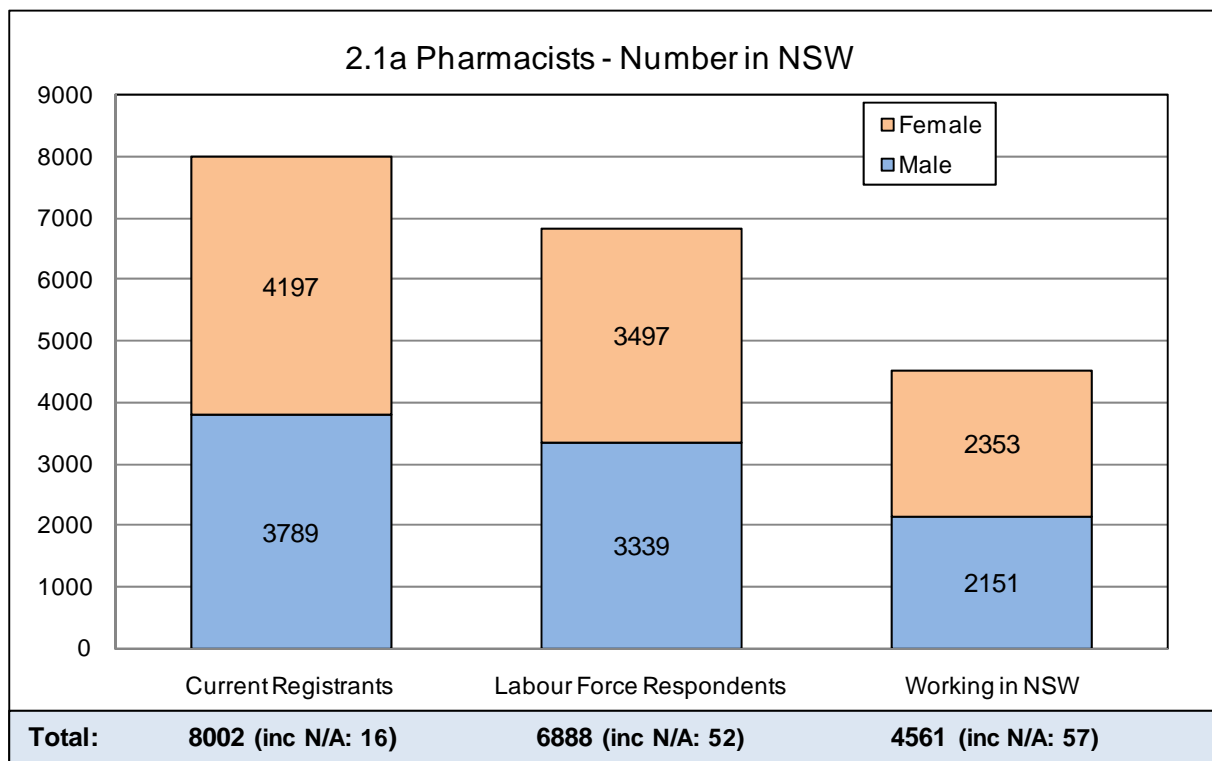


Chart 2.1b provides an estimate of the number of respondents and non-respondents for all years between 1999 and 2006 excepting 2005 where data is not currently available. It is an estimate because changes to the registration process cause some distortion to the time series although it is clear that there has been an increased response rate since 2003.

2.1b Pharmacists - Response Rate to the Labour Force Survey 1999-2006



3

CHARACTERISTICS OF THE FINANCIAL REGISTRANTS

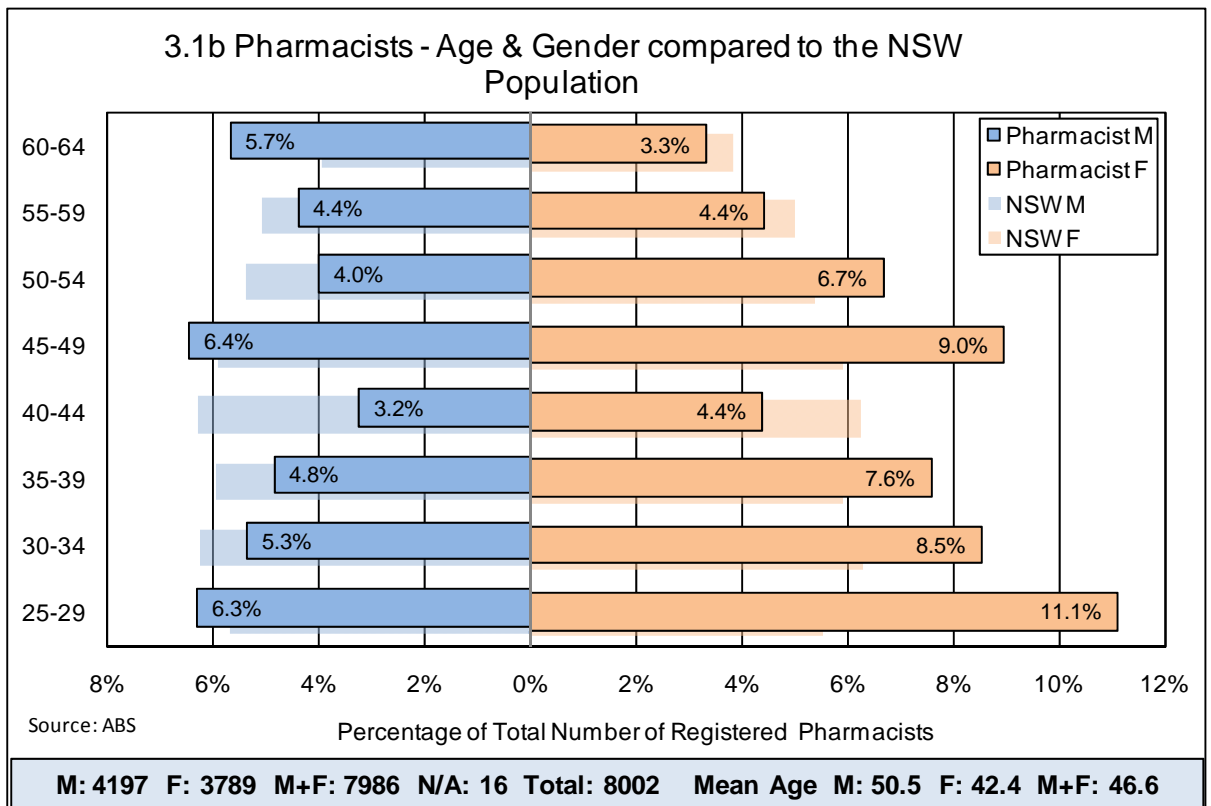
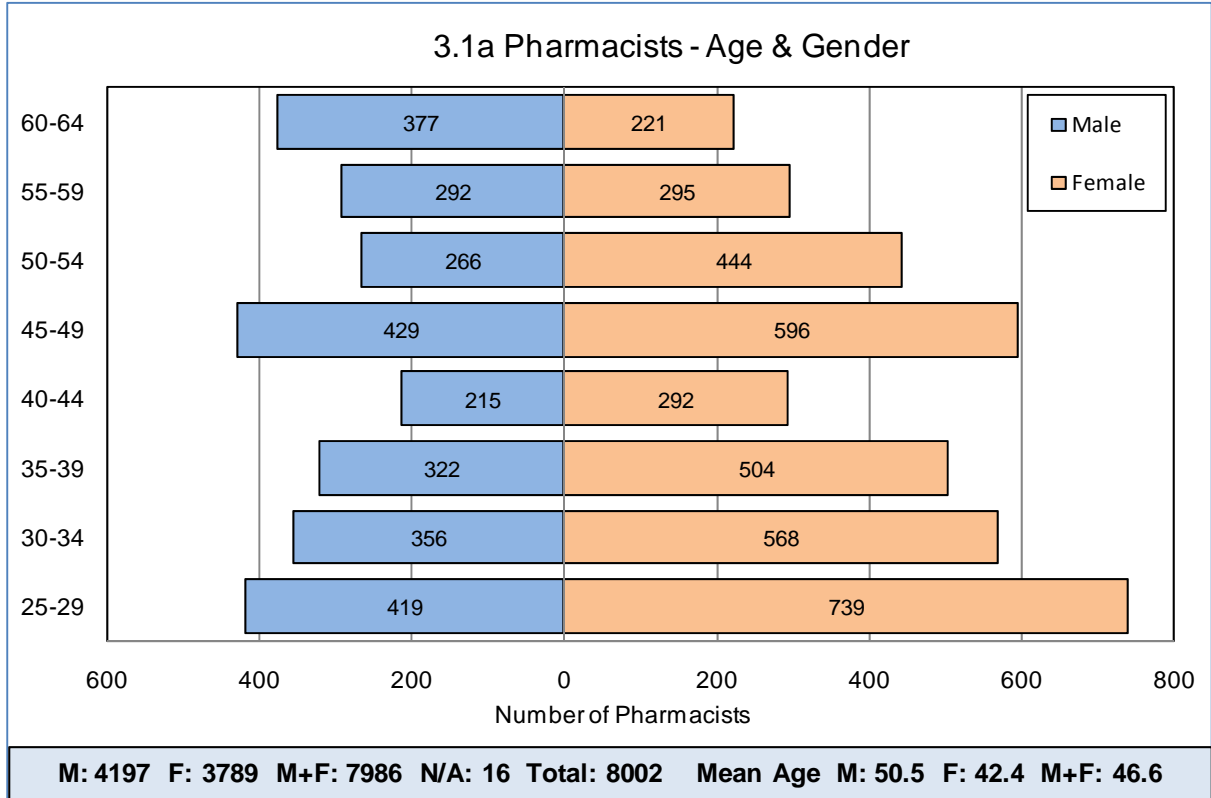
The population in this section of the report are the 8,002 pharmacists with full registration who were financial on 15 March 2007.

3.1 Age and Gender of Current Registrants

The proportion of female registrants is slowly rising (52.6% in 2006 compared to 52.2% in 2005 and 50.8% in 2001) but pharmacy is a two tiered profession in terms of the gender balance. Below the age of 40, there are approximately 50% more female registrants while over the age of 60, there are approximately 50% more males. The only age with a gender balance is the 55-59 year old band. Overall, the average (mean) age for women is eight years younger than for men at 42.4 and 50.5 years respectively. Chart 3.1a indicates both the changing gender balance and the proportionately large number of pharmacists aged 60 and over.

Chart 3.1b highlights the percentage distribution of pharmacists with the percentage distribution of the NSW population at working ages in 2005¹. As pharmacists do not generally enter the workforce before the age of 25, the comparison is made only between the ages of 25 and 64. The unusually low number of pharmacists between 40-44 may be an artefact of previous data records since the 45-49 age band is similarly larger than expected. Overall, the percentage of male pharmacists is lower than in the workforce except for the youngest and oldest age band while the percentage of female pharmacists is greater than the workforce except for the two oldest age groups.

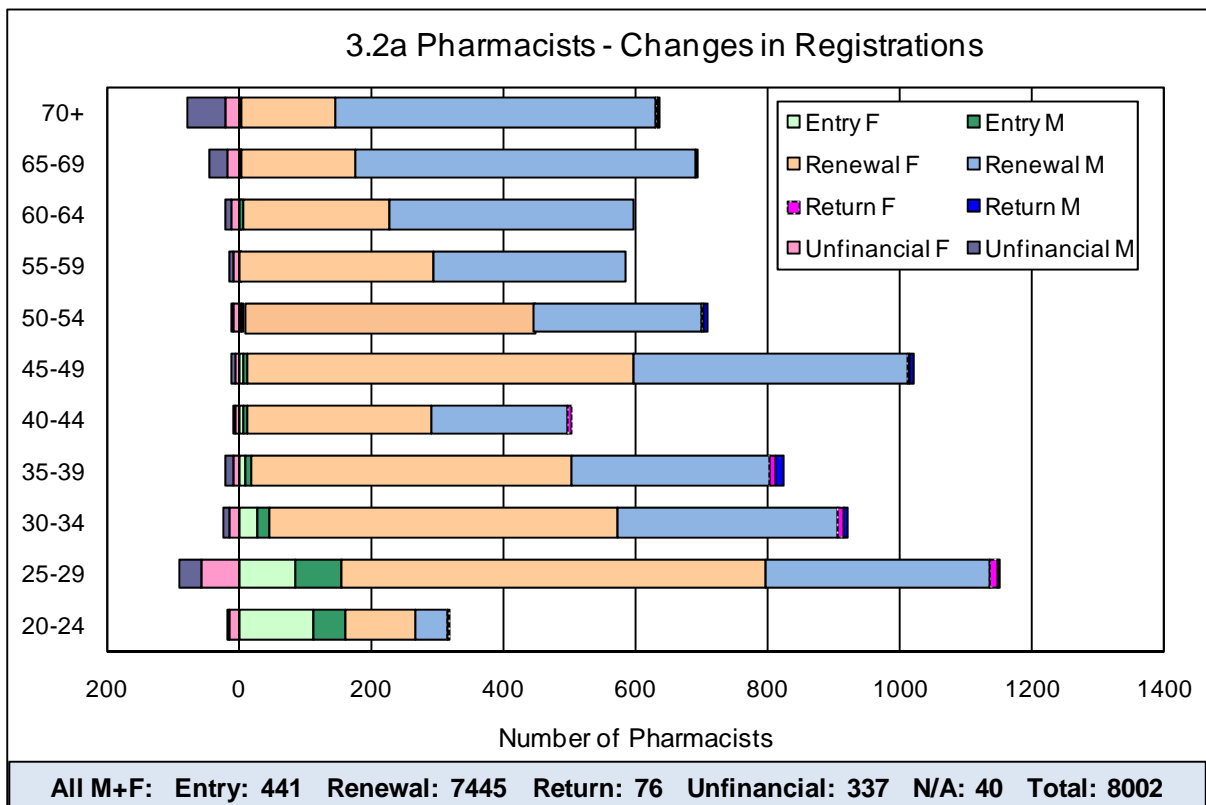
¹ Australian Bureau of Statistics *Population by Age & Sex New South Wales 2005* Catalogue No. 3235.1



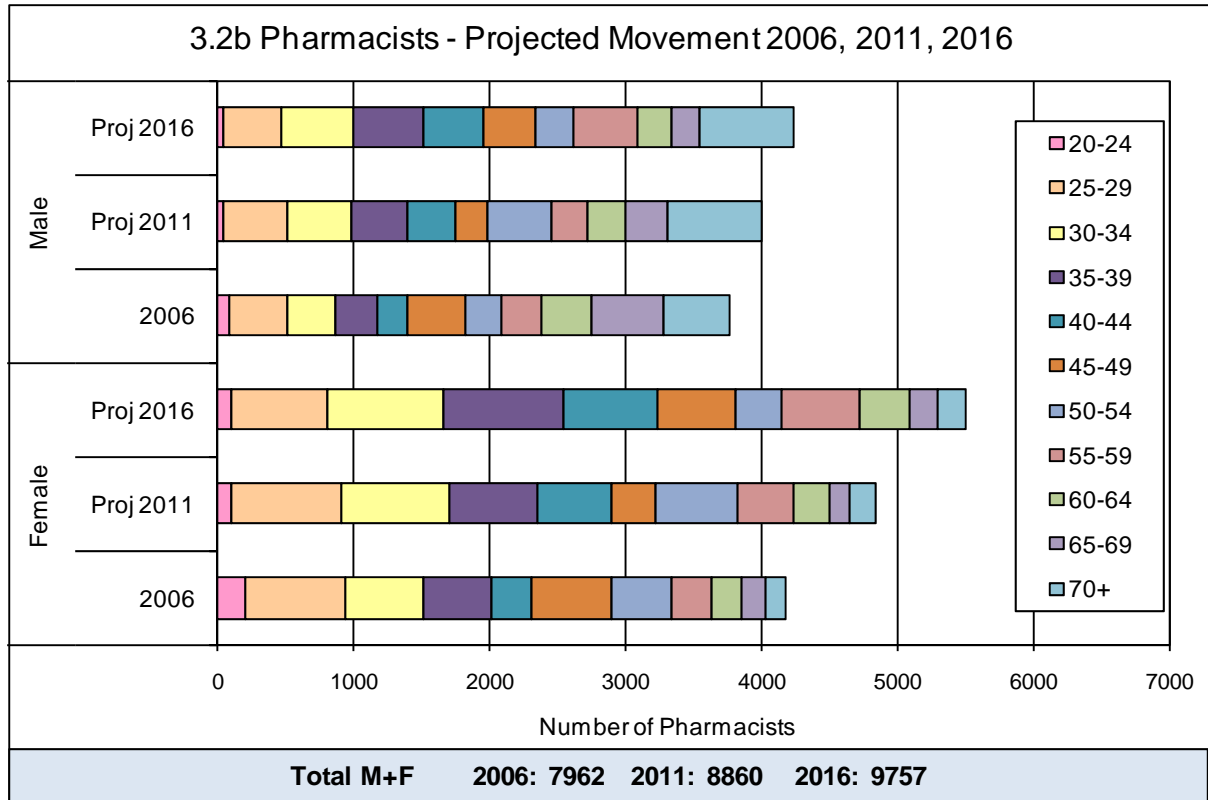
3.2 Projected Changes to the Pharmacist Population

The shift by age can most readily be seen by examination of the movement rates shown in Chart 3.2a. The interesting issue here is that decisions to discontinue registration occur at younger ages as well as over the age of 70. However, pharmacists approaching retirement and for some years later tend to remain registered with relatively few leaving the profession between the ages of 60 to 70. There are a larger number of females becoming unfinancial in the 30-34 year age group than at all ages thereafter. As could be expected, most new entrants are in the youngest age groups.

We can expect an upward expansion of the profession provided the number of graduates continue at the present rate and that pharmacists remain in the profession for most of their working lives as is currently the practice. The number of female pharmacists is expected to grow by about 120 per annum while a more modest growth for male pharmacists of about 50 per annum will occur with continuation of the current pattern.



The projections to the years 2011 and 2016 are shown in Chart 3.2b excluding the 40 pharmacists whose status was not known. The profession is growing by about 200 pharmacists per annum although much of this growth is in the oldest age band, especially for males. Nevertheless, there is still robust growth under the age of 60 when most pharmacists would expect to be working.



3.3 Qualifications

Most pharmacist hold a degree of Bachelor of Pharmacy (BPharm). Graduation from the degree program commenced at the University of Sydney in 1963 and Charles Sturt University (Wagga Wagga) in 2001. There are 53% of all pharmacists holding a BPharm from one of these NSW universities and another 16% with that degree from another Australian or internationally recognised university. The Master of Pharmacy (MPharm) has begun to supersede the BPharm as the standard undergraduate degree but those graduates do not yet form part of the data base.

The most common qualification for pharmacists prior to the degree program was the diploma course run through the Pharmacy Board of NSW and 17% of pharmacists on the register hold that qualification. The remaining registrants are overseas trained and have been accepted to practise in Australia by the Australian Pharmacy Examining Council (APEC).

4

CHARACTERISTICS OF THE SURVEY RESPONDENTS

There were 6,888 pharmacists who responded to the survey. The working status information provided was:

Working only in NSW	4433
Working mainly in NSW	41
Working mainly in other States	64
Working only in other States	350
Working overseas	275
Currently on leave	<u>23</u>
TOTAL Working	5186
Not working in Pharmacy	262
Not working at all	<u>463</u>
TOTAL not working	725
Did not answer	977

4.1 Selected Characteristics

Table 4.1a indicates certain characteristics of the whole set of pharmacists excluding the 977 who did not respond to the question on labour force status. These aspects are relevant to all pharmacists rather than just those who work in NSW and the table shows the percentage of working pharmacists for each attribute.

A higher proportion of female respondents indicated that they are working in NSW (78% compared to 76% male). Usually it would be expected that a higher proportion of women would not be working but the younger ages of female pharmacists has reversed that effect. Older pharmacists show a larger proportion who are no longer working. However, even after the age of 60, a majority (53%) are still working as pharmacists in NSW.

There are 93 registered pharmacists (1.4% of the labour force) who are neither citizens nor permanent residents, of whom 20 are currently working in NSW.

It was found that 89 pharmacists stated that they were seeking work, equivalent to 1.4% of the labour force. More than half of these pharmacists are looking for part time work only. A majority of the persons seeking part time work are women in younger age groups.

There were 668 pharmacists who were registered in another State or Territory of whom 342 live interstate and another 108 live close to the State boundaries. There were 87 pharmacists registered in more than one State or Territory other than NSW.

Table 4.1a Selected Characteristics of Survey Respondents

	Working as NSW Pharmacist	Not Working as NSW Pharmacist	Percent Working
Male	2164	681	76
Female	2364	674	78
Aged 60 or over	988	864	53
Not permanent resident	20	73	22
Seeking Work	0	89	0
Registered Interstate	301	367	45
Total Respondents	4561	1340	77

5

PHARMACISTS WORKING IN NEW SOUTH WALES

5.1 Field of Work

From this point of the report, all the data presented relates only to pharmacists who work in NSW or are currently on leave. Respondents who did not answer the question on work status are also excluded in tabulations and charts from this section.

We also divide pharmacists into three categories of field of work. These are (1) community pharmacists who work in the retail shopfront environment; (2) hospital pharmacists who dispense medication in public or private hospitals; and (3) all other pharmacists including those working in education, industry and administration. While this section of the report is concerned with all pharmacists, the following sections deal with community pharmacists and hospital pharmacists respectively followed by a conclusion for other pharmacists and the total pharmacy population.

The majority of the pharmacy labour force (76%) works in community pharmacy. Hospital pharmacists account for about another 13% with lesser numbers in industry (3%), administration and education (1% each). The remaining 3% of pharmacists work in other areas such as research or consulting. There is a substantial difference between males and females with regard to field of work. While community pharmacy is 54% male, hospital pharmacists are 77% female. Other fields of work lie intermediate being 67% female.

Chart 5.1a provides the number of pharmacists by field of work and age band. Unlike gender, there is no clear age difference in the field of work other than for pharmacists of 60 years or over who are almost entirely concentrated in the community.

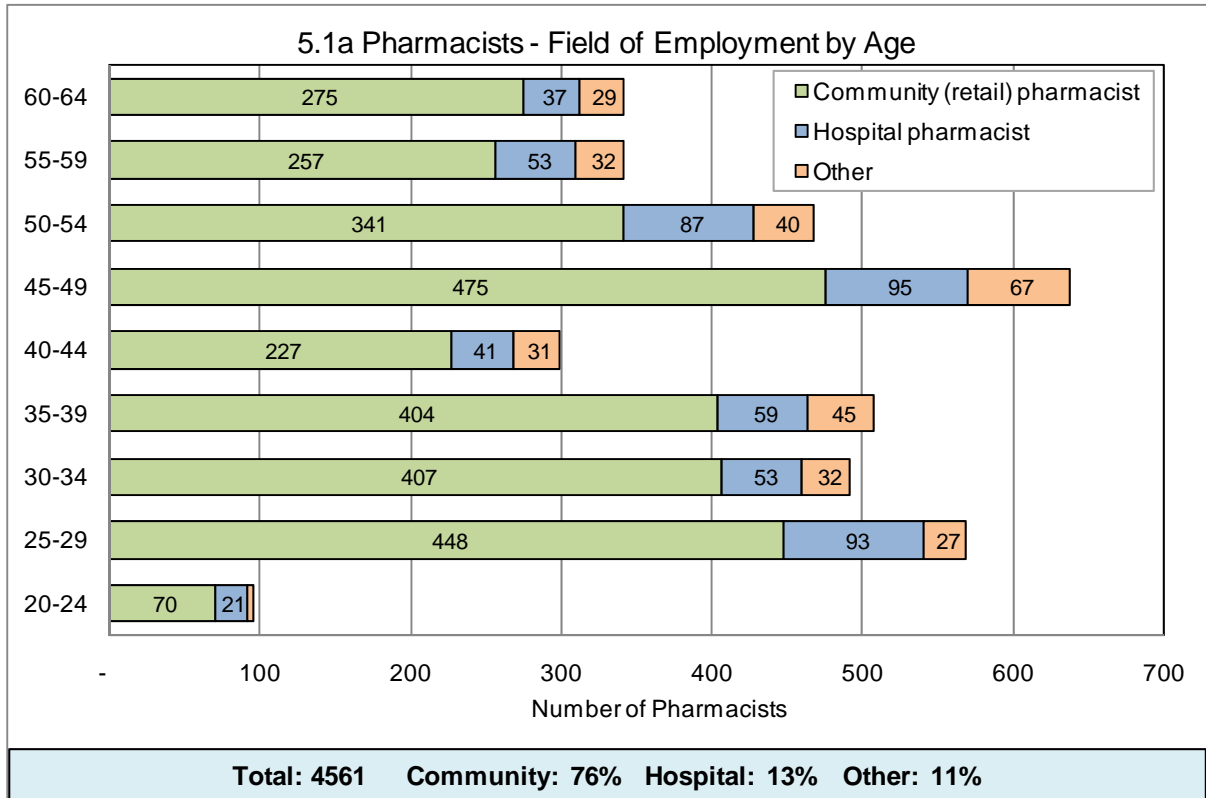
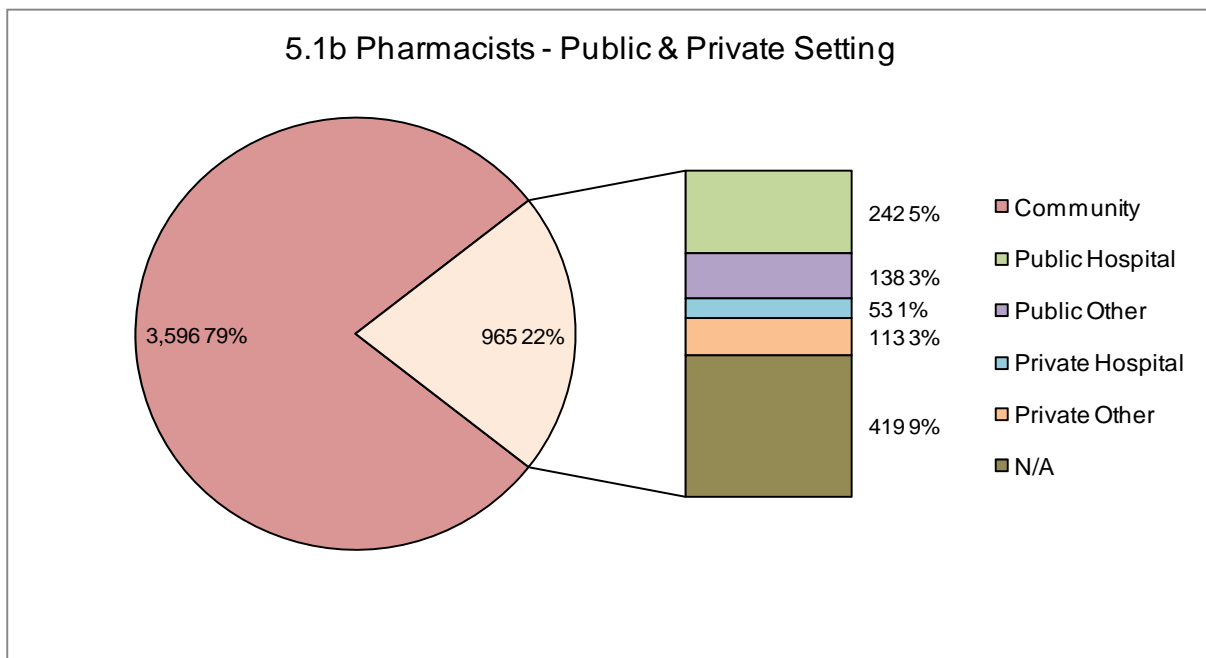


Chart 5.1b shows the distribution of the field of work in public and private settings using a consolidated format. All community pharmacists work in the private sector by definition. By contrast, hospital pharmacists work 82% in the public sector. In total, 9% of pharmacists work in the public sector and 91% in the private.



There were 912 pharmacists who stated they worked in a second position for one hour a week or more. Most of these pharmacists were working in the community (64%) or did not state the setting for their second position (27%). The second job for hospital pharmacists was usually as a community pharmacist while the second job for community pharmacists was predominantly in another community setting.

5.2 Place of Residence

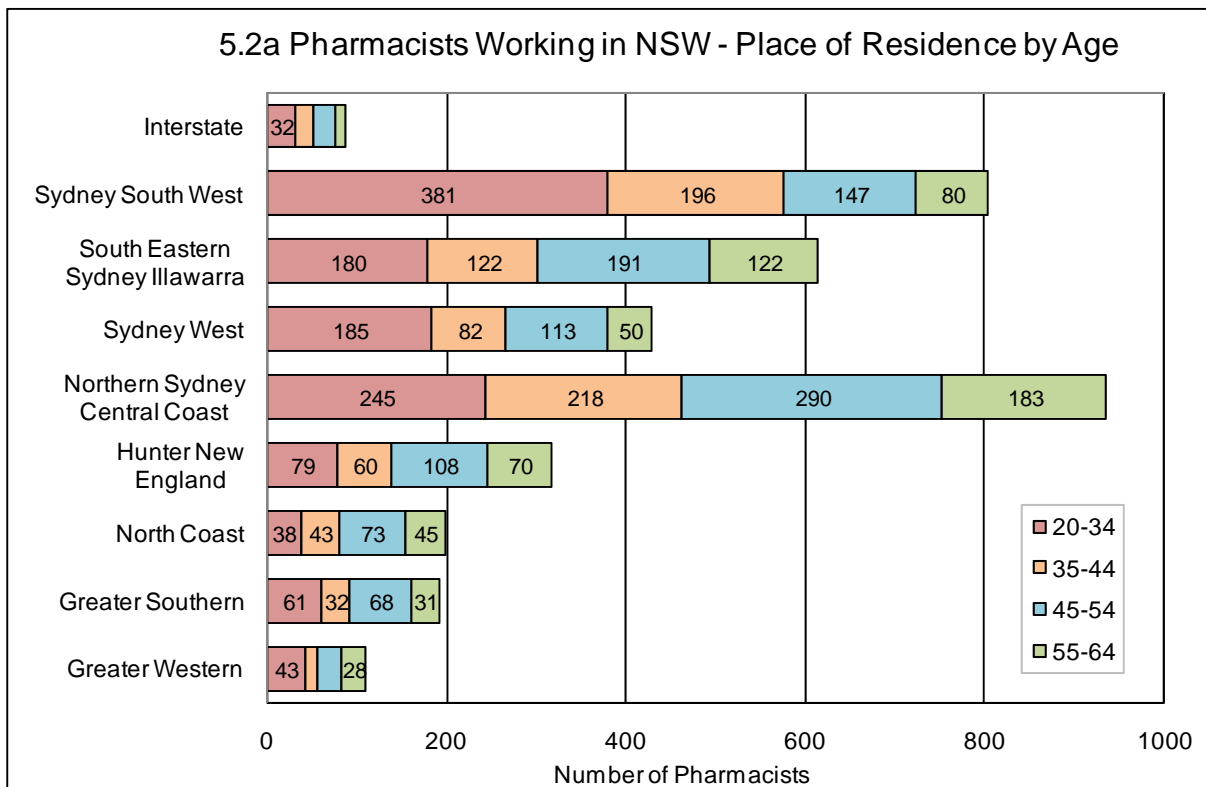
On the survey form, pharmacists who work in NSW were requested to state their postcode of residence and the location and postcode of their main job and second job (if applicable). This approach differs from the other health profession surveys where all respondents were asked to provide their location of residence. The responses were edited to ensure that postcode matched location. Postcode was converted to Area Health Service (AHS) using an algorithm that selects the most appropriate AHS for that postcode.

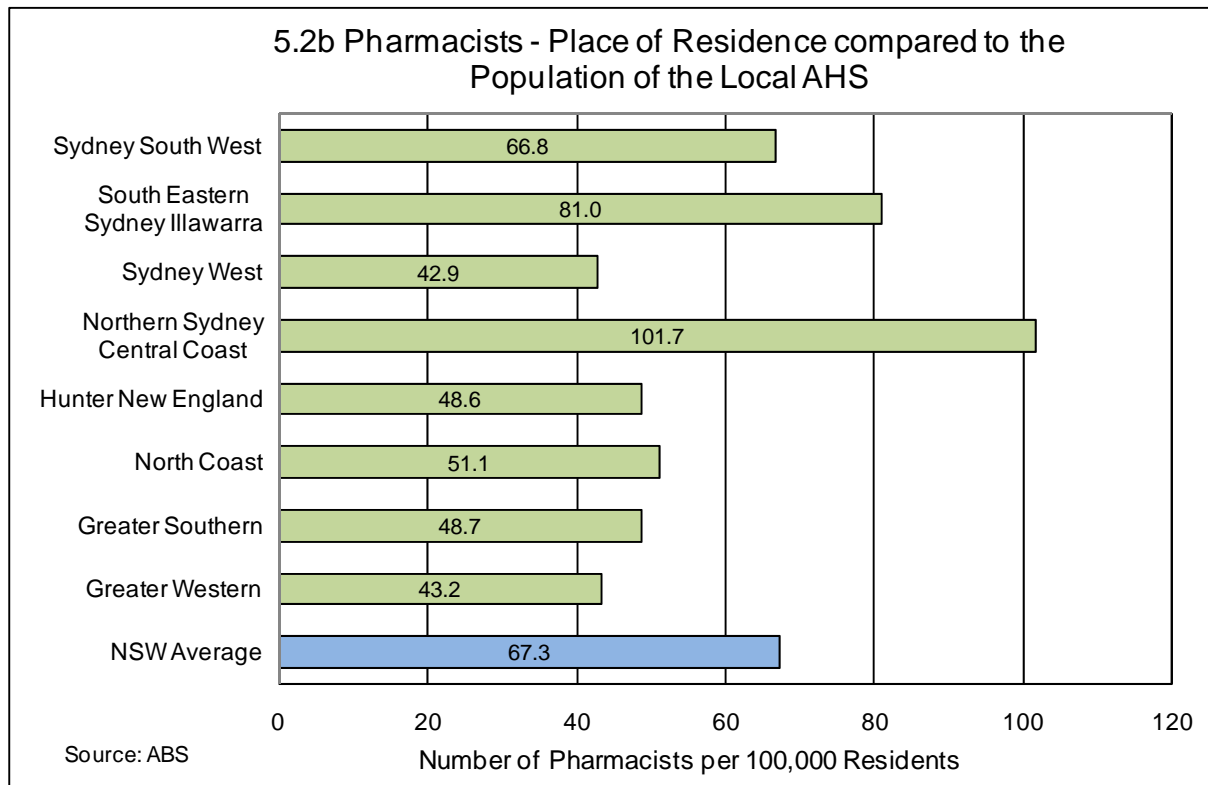
Taken together, location of residence and location of workplace can indicate structural problems with the geography of the workforce. People prefer to work in reasonable proximity to where they live leading to substantial variation in opportunities taken up in different locations.

Responses from the survey indicate an average of 67.3 working pharmacists per 100,000 population of the State of NSW.

Chart 5.2a shows the reported AHS of residence by broad age bands for pharmacists working in NSW. The interstate addresses are usually the ACT, Gold Coast and Wodonga where NSW pharmacy services are situated adjacent to State borders. Chart 5.2b depicts the same information as a number of pharmacists per 100,000 AHS population.

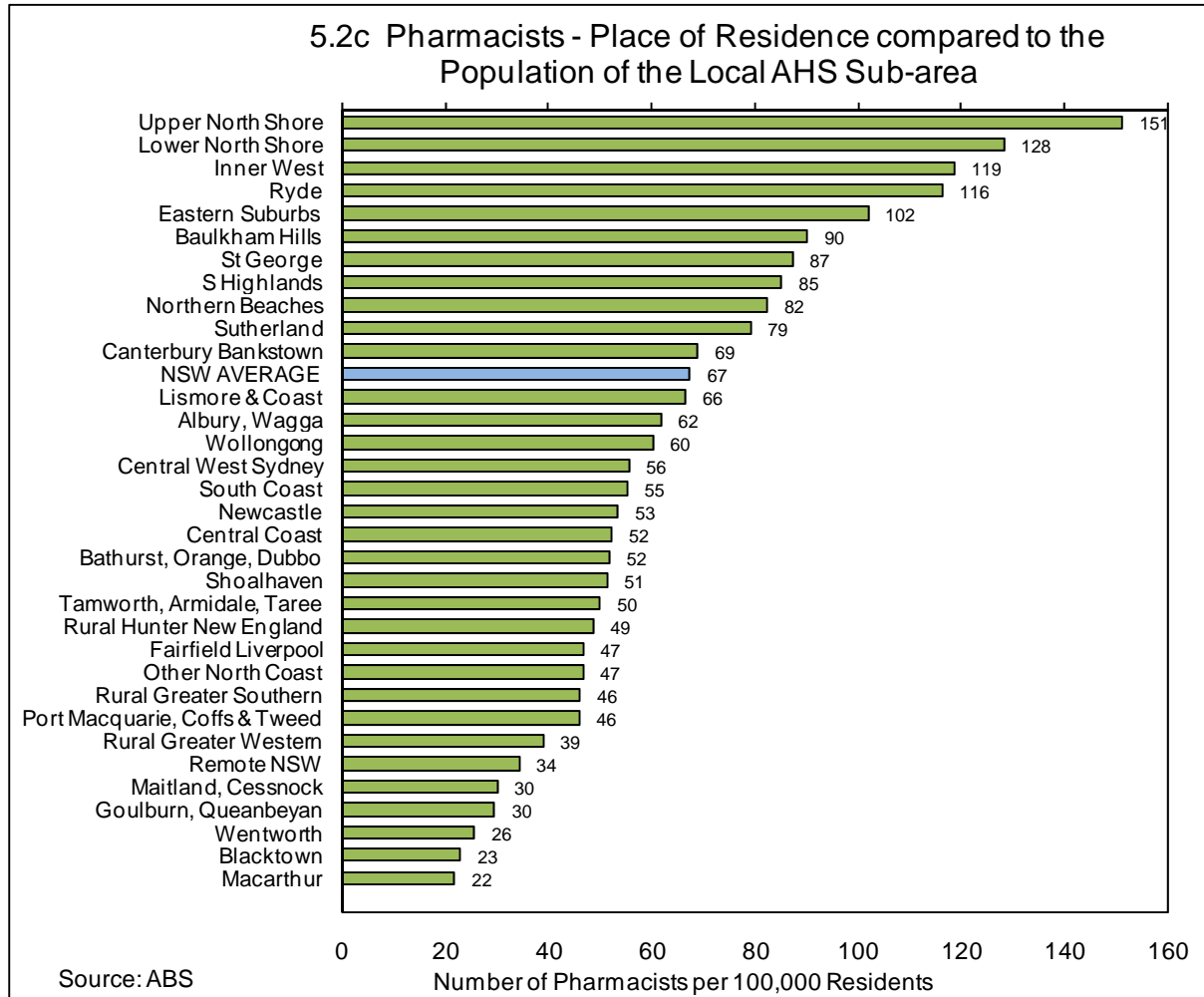
Northern Sydney Central Coast and South Eastern Sydney Illawarra AHS contain more pharmacists than the State average while Sydney South West has virtually the same. The other five AHS have fewer pharmacists than the State average. It is especially noticeable that Sydney West has a comparable rate to the two entirely rural Areas in the South and West of the State. Sydney West AHS includes many outer western suburbs with high health service needs.





As the AHS are very large and heterogenous, a similar analysis was undertaken for sub-areas, consistent with planning districts within the AHS. The results are shown in Chart 5.2c. There is very great variation within the western metropolitan AHS of Sydney. Sydney South West AHS was shown to contain a rate of pharmacist supply similar to the State average. However, the Inner West suburbs close to the city have almost twice the State average while in Macarthur the rate is less than one third of the average and the lowest rate of resident pharmacists in the State. Blacktown and Wentworth in the outer western suburbs of Sydney have lower rates than any of the nominated rural sub-areas.

Most pharmacists live in the higher socioeconomic status suburbs to the north of the city or along the harbour. While there are generally fewer pharmacists in regional and rural areas than in the cities, the upper North Coast and many large inland towns have similar statistics to medium socioeconomic status Sydney suburbs.



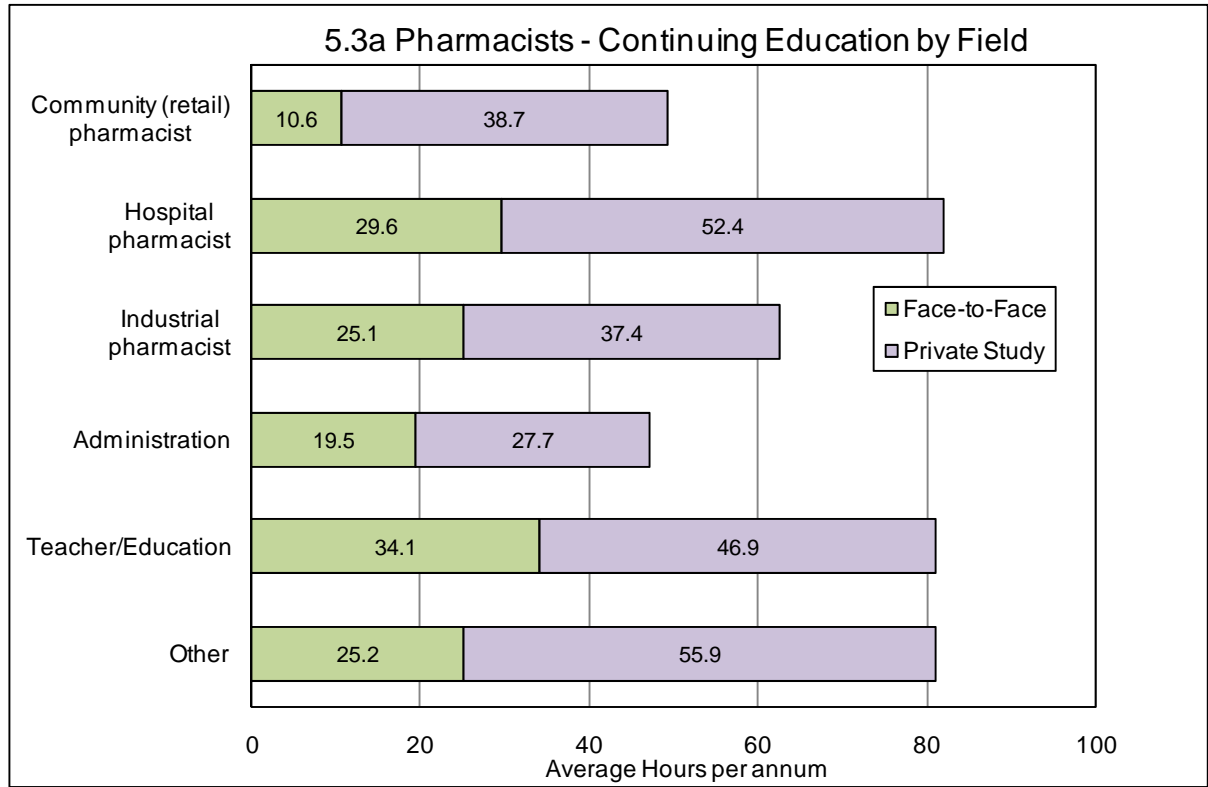
Hours and place of work are discussed separately for community pharmacists and hospital pharmacists in Sections 6 and 7 respectively.

5.3 Professional Development

Continuing professional development is a key educational requirement for pharmacists. Respondents were asked to nominate the number of hours completed in face-to-face sessions such as seminars and conferences, and also the number of hours spent in private study.

A total of 249,526 hours was nominated by 3,857 pharmacists. There were 2,501 pharmacists who specified both types of education, 337 with only face-to-face and 1,019 with only private study. The remaining 574 pharmacists did not participate or did not answer the question.

Chart 5.3a shows average hours by type of education. About three times as many hours are spent in private study than in face-to-face sessions. While there is little difference between men and women, there is substantial variation by field of pharmacy practice. Hospital pharmacists average 30 hours in annual face-to-face learning while community pharmacists average a little more than 10 hours. Other pharmacists (including professional educators) average 25 hours. For private study, the differences are less marked but keep the same trend. Hospital pharmacists reported 52 hours of annual private study compared to 39 hours for community pharmacists. Other pharmacists were again intermediate.



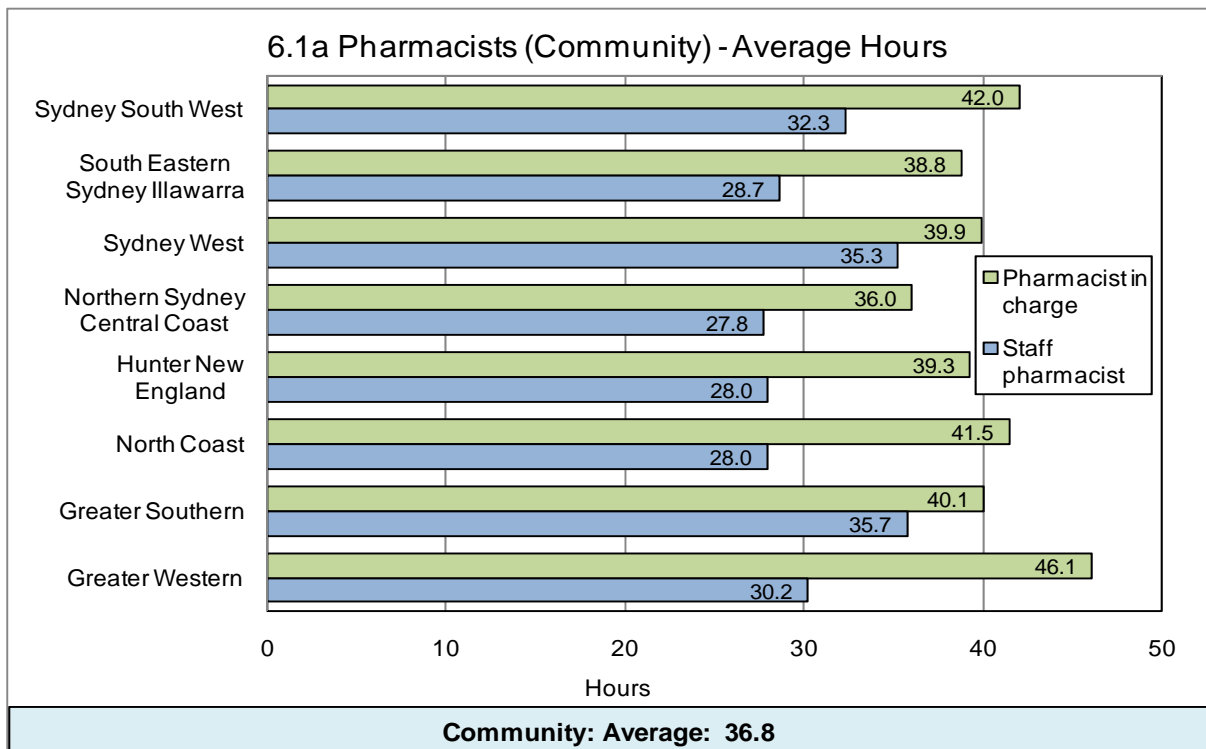
6

COMMUNITY PHARMACISTS

6.1 Hours of Work

While 3,460 pharmacists responded that they work as a community pharmacist in NSW, 90 did not provide a response for the number of hours worked in this State during their usual week. This section shows statistics for hours of work for those 3,370 pharmacists who work in NSW for one hour or more. The few respondents stating more than 76 hours are limited to 76 hours for FTE reporting. Working hours outside of NSW have been disregarded

Community pharmacists working in NSW recorded a total of 123,888 hours of work in a typical week, an average of 36.8 hours per week. The main job accounted for 116,130 (94%) of these hours. The average working week was 39.7 hours for males and 33.2 hours for females, the difference of 6 hours primarily due to the larger number of part time female pharmacists. Chart 6.1a shows average hours worked by Area Health Service for pharmacists in charge and for staff pharmacists. There is little difference among the Areas, the higher average in the Greater Western Area for males probably reflecting the smaller base population. Pharmacists in Charge work a weekly average of nine hours more than staff pharmacists.



6.2 Full Time Equivalents

Working hours may be expressed in full time equivalents; FTE. Award regulations determine 38 hours as the standard working week although many self employed pharmacists will extend that working week by a considerable extent. The award period of 38 hours can be regarded as the standard contribution of one full time person. Time worked in excess of 38 hours can then be taken as the excess contribution to the labour supply up to a total of 76 hours.

Community pharmacists working in NSW recorded a total FTE of 3,260.1 persons. This total FTE can be divided into 2,713.8 FTE or 0.81 FTE per working pharmacist up to 38 hours and 546.3 FTE (0.16 per person) as an additional contribution beyond 38 hours. The number of male and female FTEs by those working at least 1 FTE and those working less than 1 FTE is shown in Chart 6.2a by age.

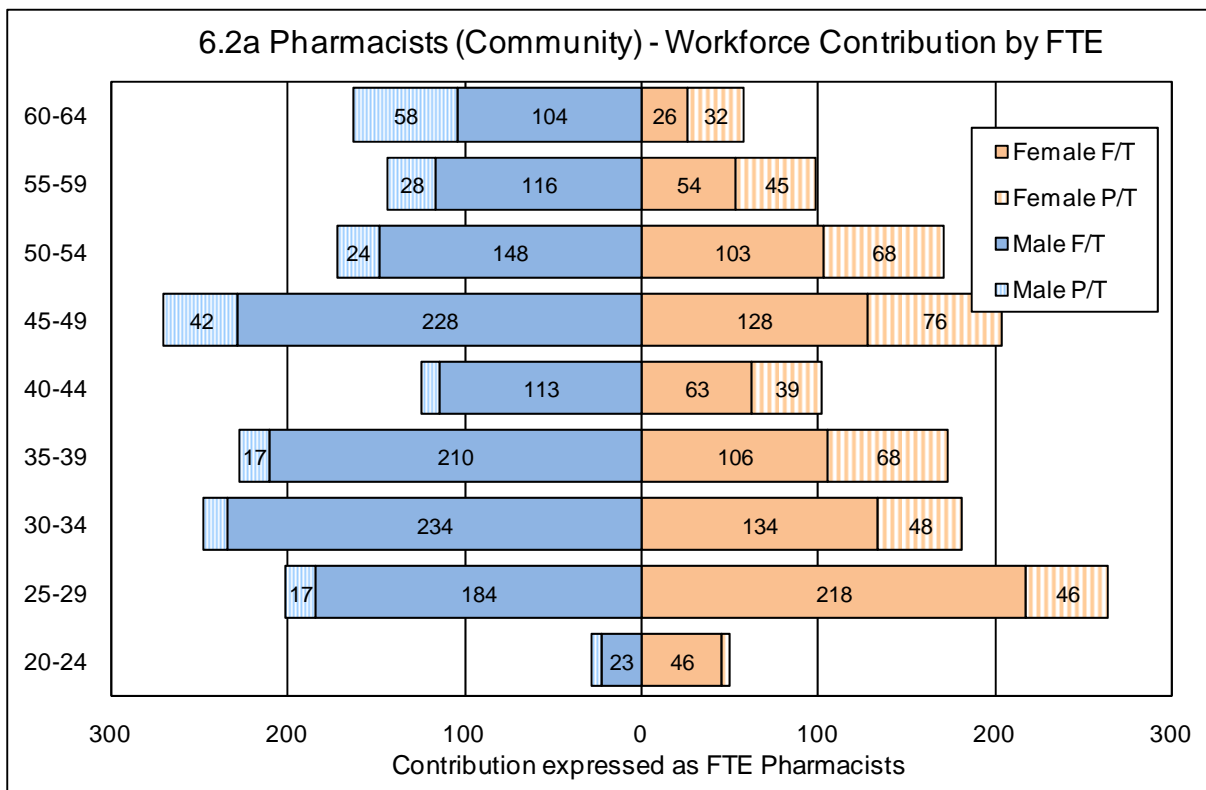
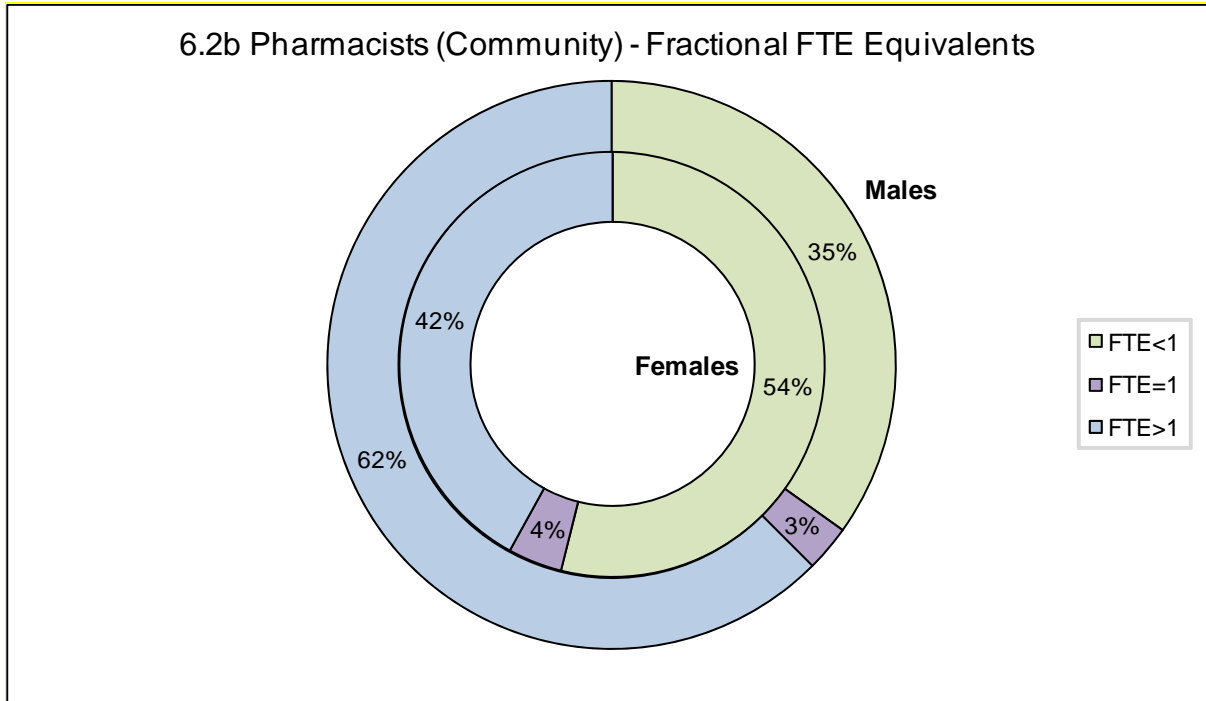
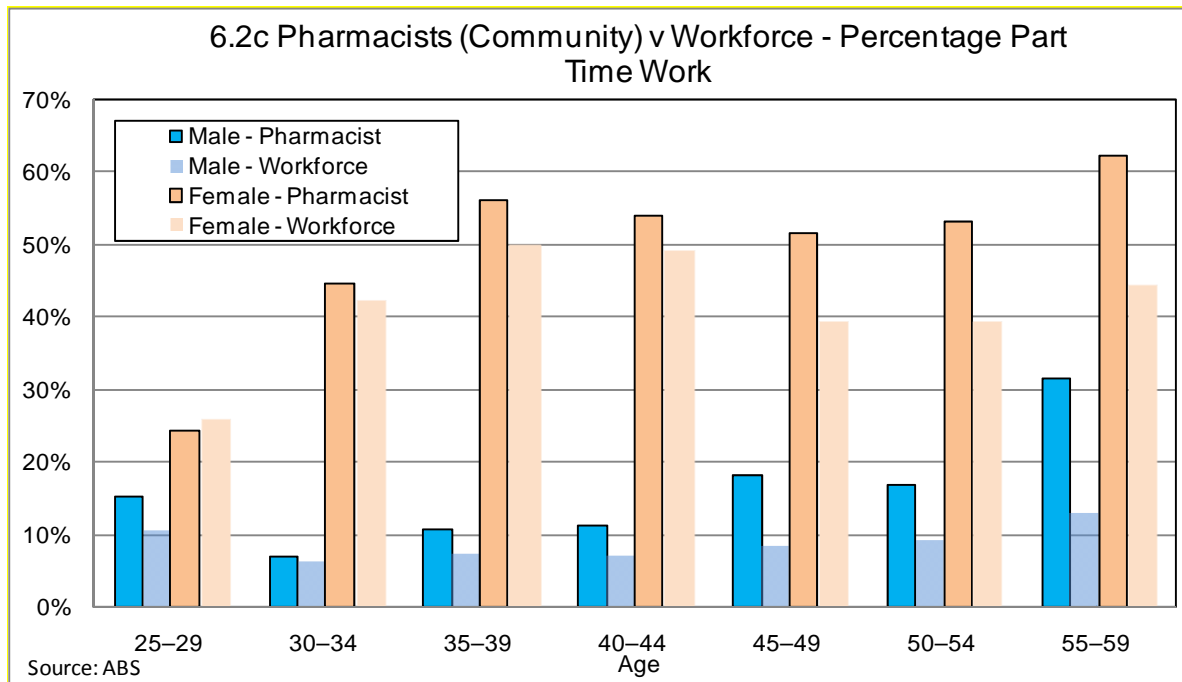


Chart 6.2b indicates the number of community pharmacists by gender working below and above 1 FTE. About 54% of the female labour force and 35% of males work up to 1 FTE. On the other hand, community pharmacists working more than 1 FTE comprise 62% and 42% of the male and female labour force respectively.



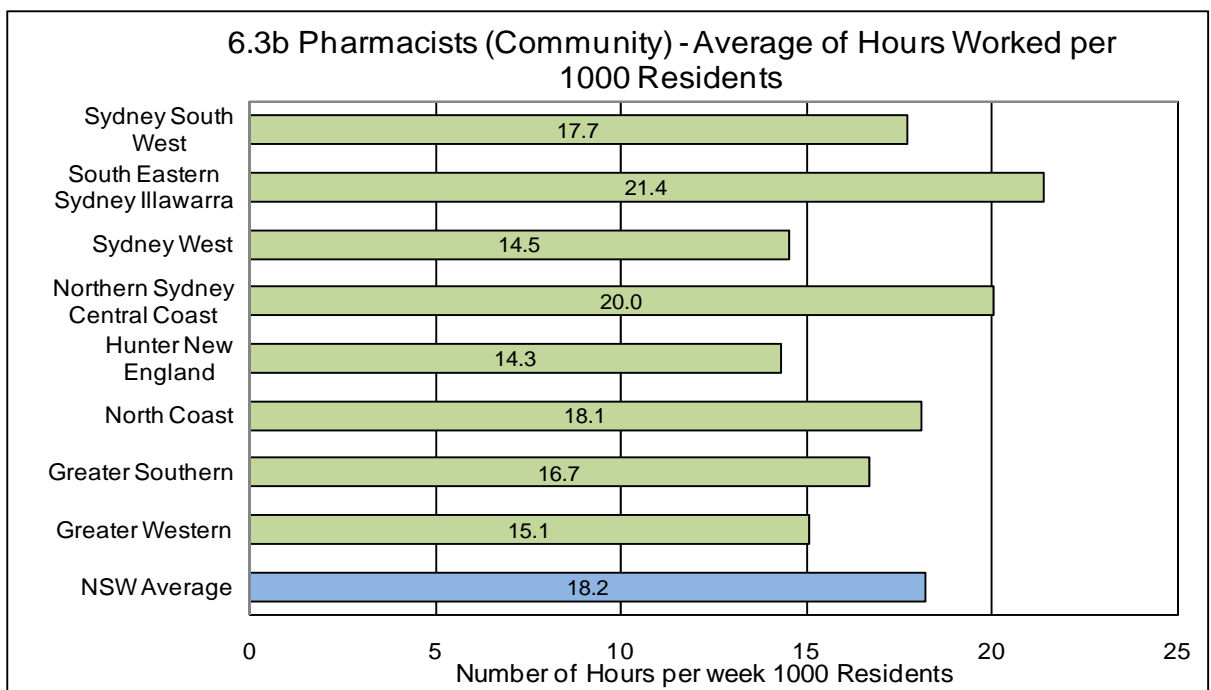
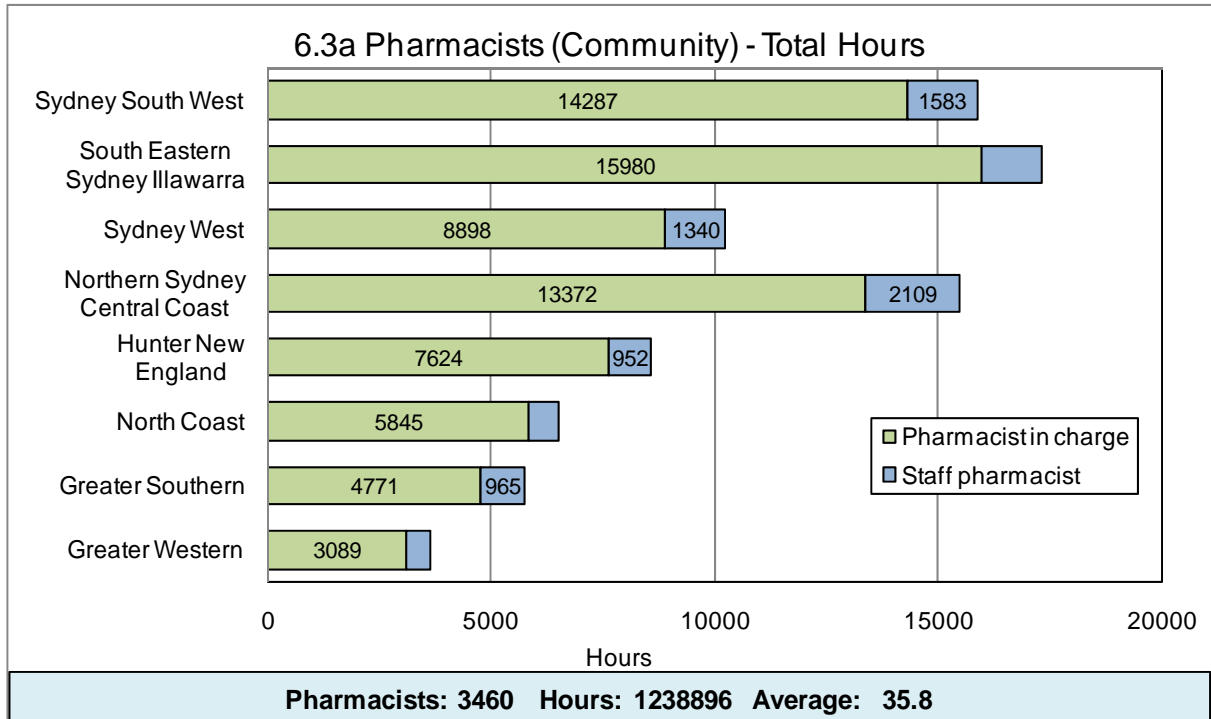
A comparison between part time work in pharmacy was made to part time work in the whole Australian Labour Market². The pharmacy market was restricted to persons working only in NSW so as not to confuse persons working part time in NSW and part time in another State with those working part time as a whole. It will be observed that part time contribution to work at all ages is higher among pharmacists than in the workforce generally. For older male pharmacists, opportunities for part time work allow for part time percentages to be twice that of the general population.



² Australian Bureau of Statistics *Australian Labour Market Statistics January 2007* Catalogue Number 6105.0

6.3 Location of Work

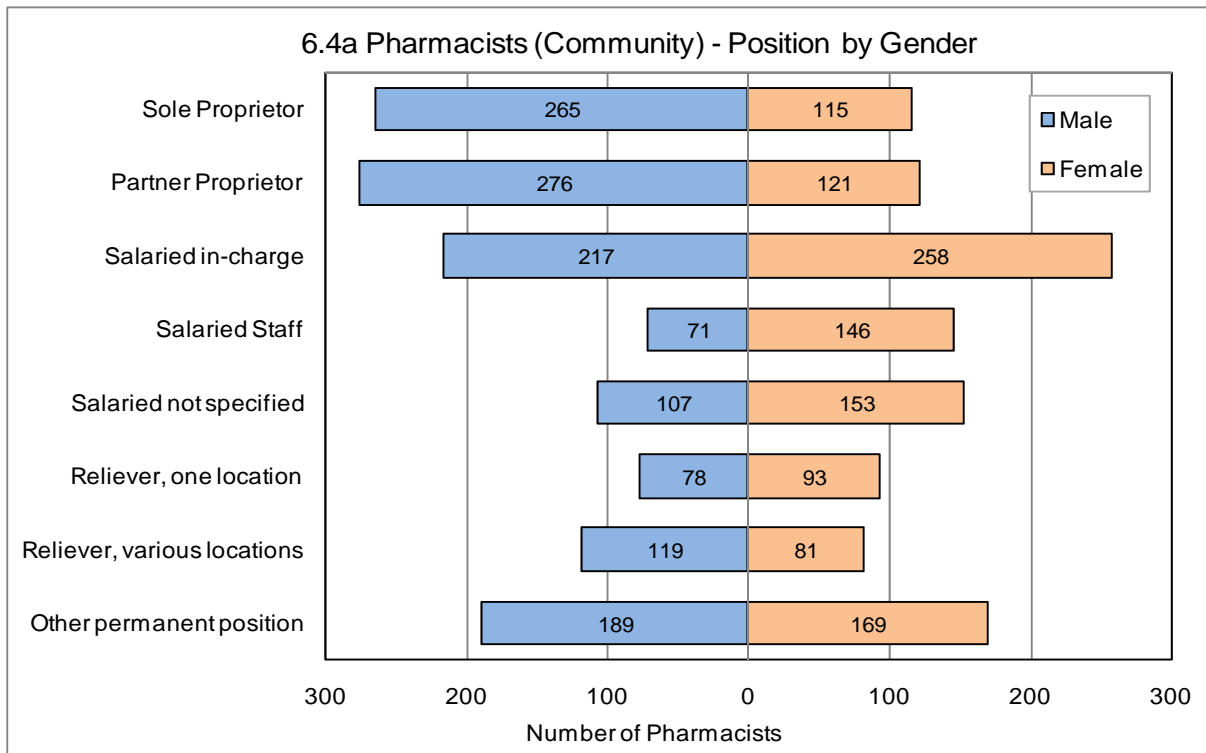
Chart 6.3a shows the total number of hours of work for all community pharmacists working in NSW by AHS of the main job while chart 6.3b presents the information in average hours worked per thousand residents. As with other reports in the 2006 series, the number of hours per week cannot exceed 76. It will be observed that hours of pharmacy work are fairly evenly distributed between metropolitan and rural areas. In Northern Sydney Central Coast and South Eastern Sydney Illawarra average hours per resident exceed the State average while Hunter New England and Sydney West have the least concentration but the differences are not so marked as with most other health professions.



6.4 Type of Position

Chart 6.4a shows the position held at the community pharmacy of work. It will be observed that 37% of respondents indicated that they were the proprietor or the person in charge of a retail pharmacy. Another 14% work as an assistant pharmacist while 11% are relieving either at a single location or at various locations when permanent staff is unavailable. The remainder did not provide sufficient information from the sequence of questions for accurate classification.

Proprietors are male by a majority of more than two to one while the reverse is true of salaried staff not in charge of the pharmacy. There is an even balance for other positions including relievers.



6.5 Location of Premises

A majority of community pharmacists work in stand alone shops (51%) or in shopping malls (18%). More than 25% of the respondents did not indicate the style of premises where they work.

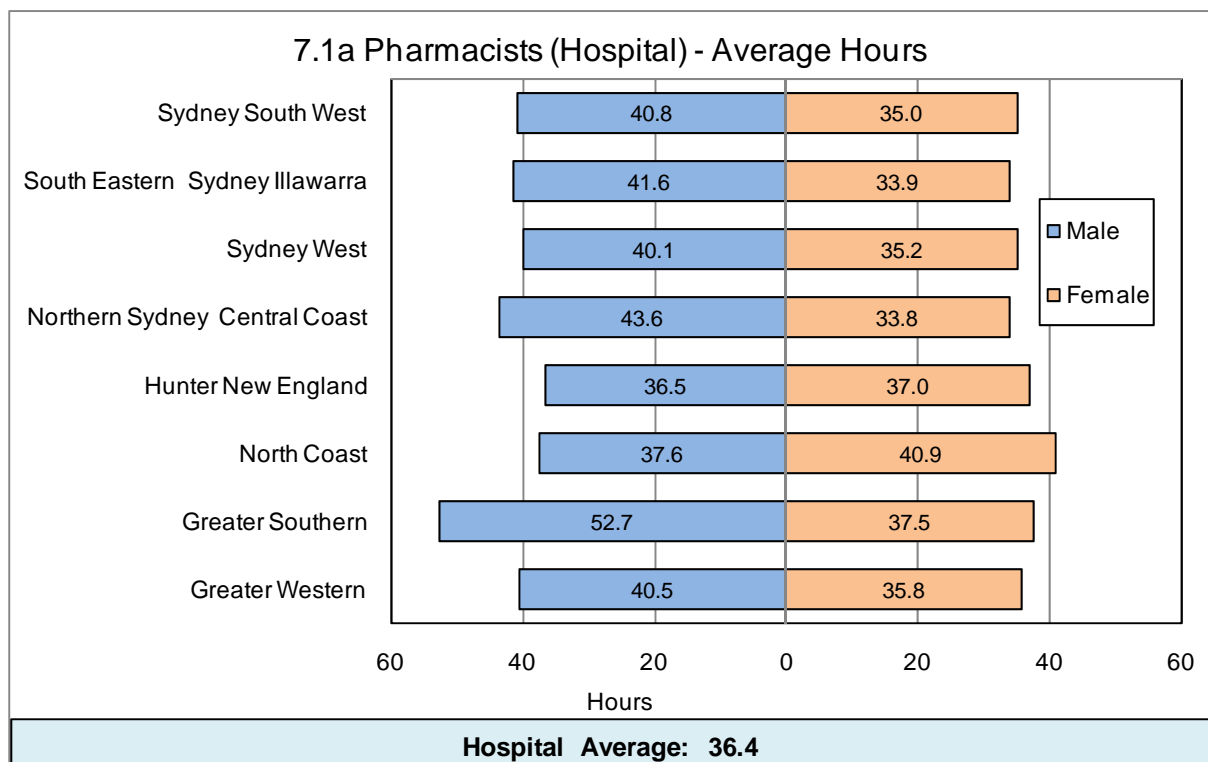
7

HOSPITAL PHARMACISTS

7.1 Hours of Work

While 577 pharmacists responded that they work as a hospital pharmacist in NSW, 11 did not provide a response for the number of hours worked in this State during their usual week. This section shows statistics for hours of work for those 566 pharmacists who work in NSW for one hour or more. The few respondents stating more than 76 hours are limited to 76 hours for FTE reporting. Working hours outside of NSW have been disregarded.

Hospital pharmacists working in NSW recorded a total of 20,627 hours of work in a typical week, an average of 36.4 hours per week, very similar to the average hours of community pharmacists. The main job accounted for 19,560 (95%) of these hours. The average working week was 41.4 hours for males and 34.9 hours for females, the difference of 6.5 hours primarily due to the larger number of part time female pharmacists. Chart 7.1a shows average hours worked by Area Health Service. There is little difference among the Areas, the higher average in the Greater Southern Area for males probably reflecting the smaller base population.



7.2 Full Time Equivalents

Hospital pharmacists working in NSW recorded a total FTE of 542.9 persons. This total FTE can be divided into 483.1 FTE or 0.85 FTE per working pharmacist up to 38 hours and 59.8 FTE (0.11 per person) as an additional contribution beyond 38 hours. The number of males and female FTEs by those working at least 1 FTE and those working less than 1 FTE is shown in Chart 7.2a by age.

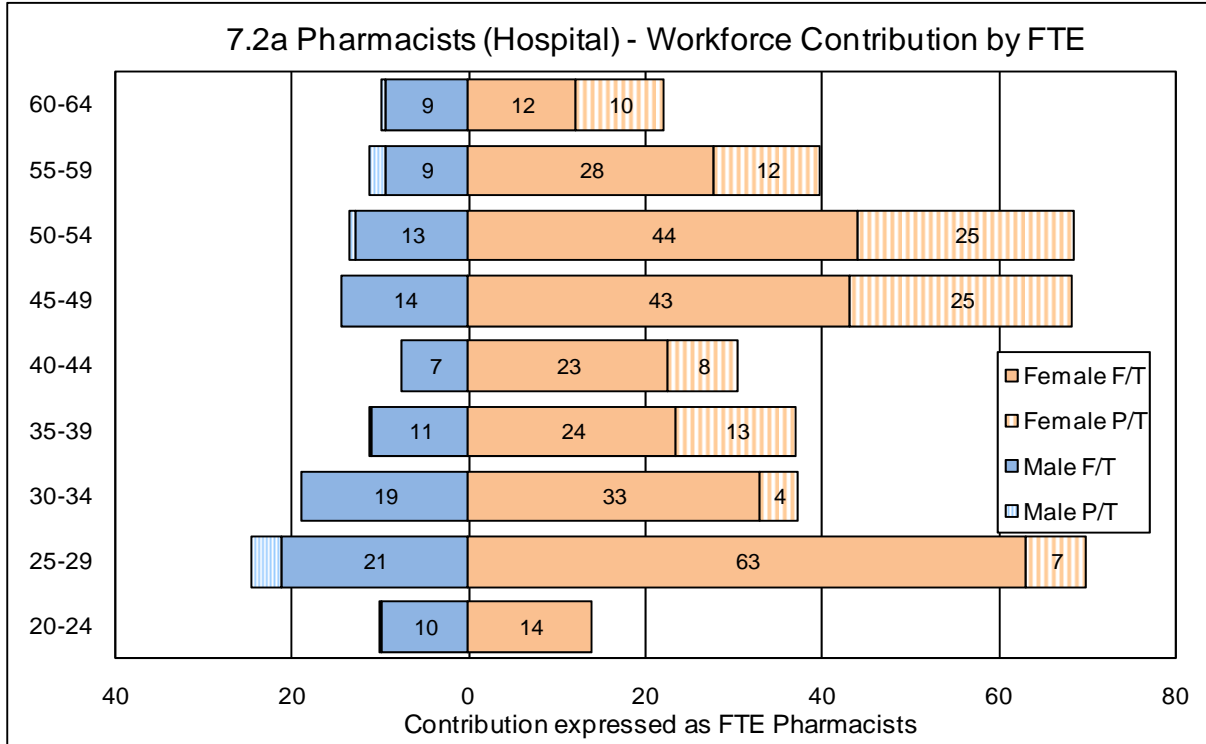
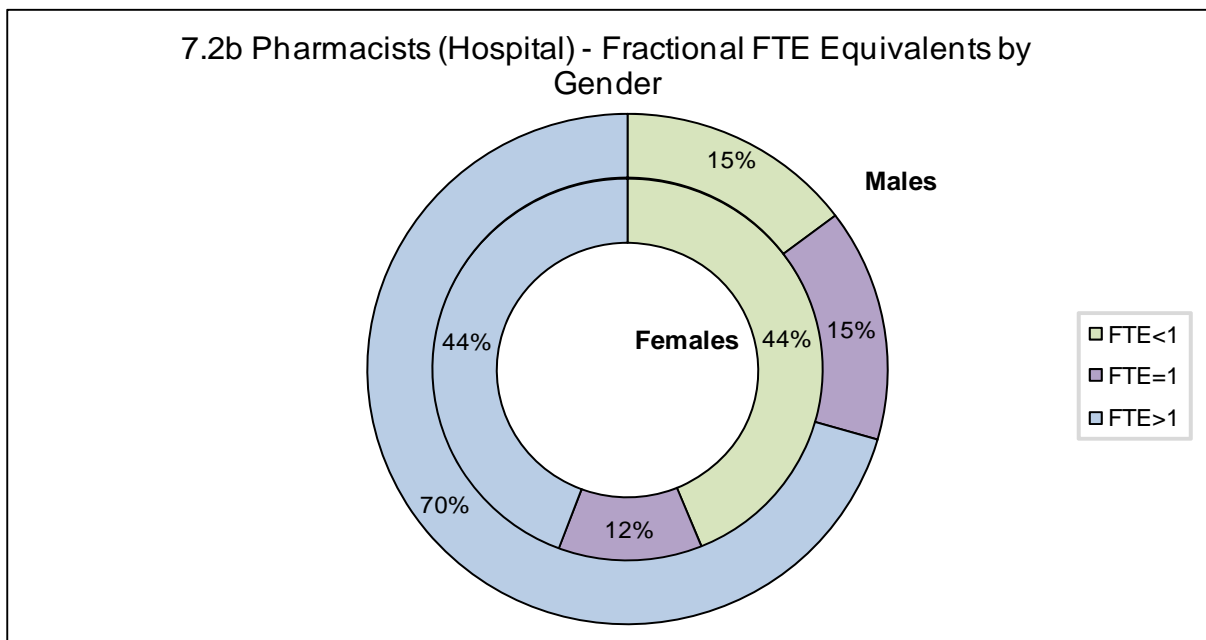
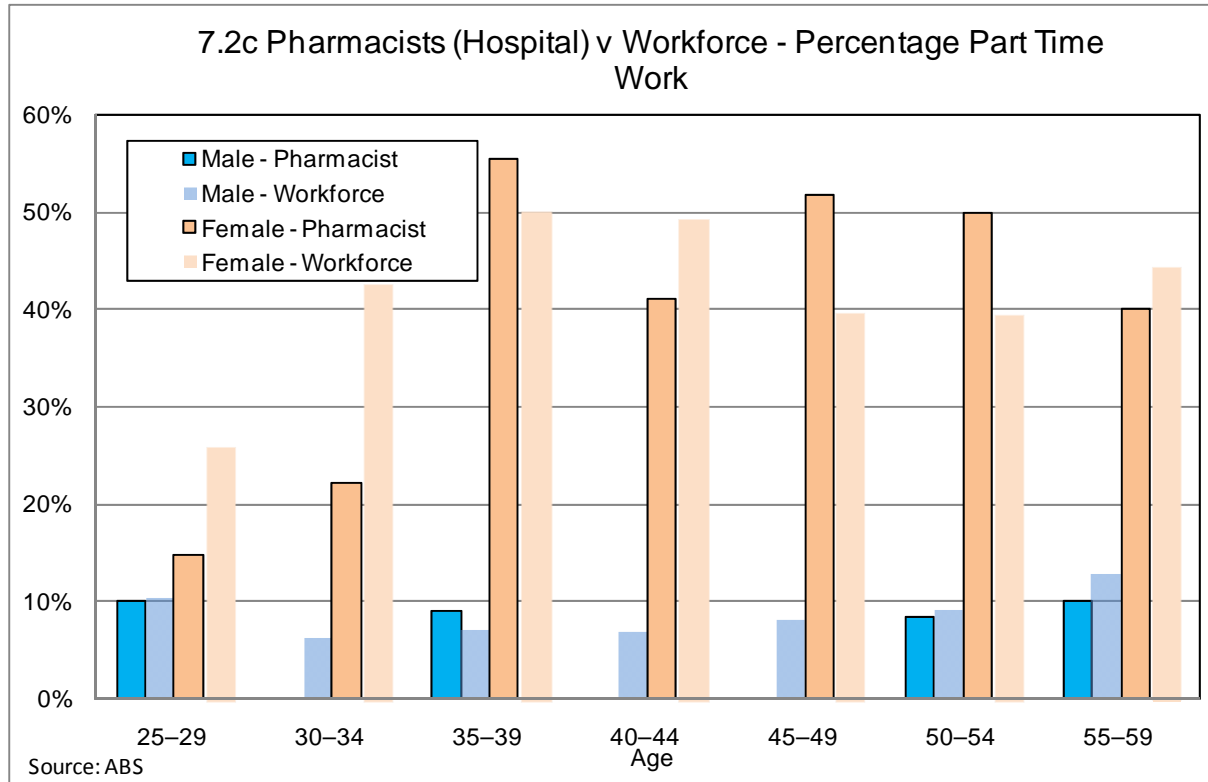


Chart 7.2b indicates work contributions by gender below and above 1 FTE. More hospital pharmacists work full time in comparison with community pharmacists. About 44% of the female labour force and 15% of males work less than 1 FTE, a relatively low figure for the health professions.



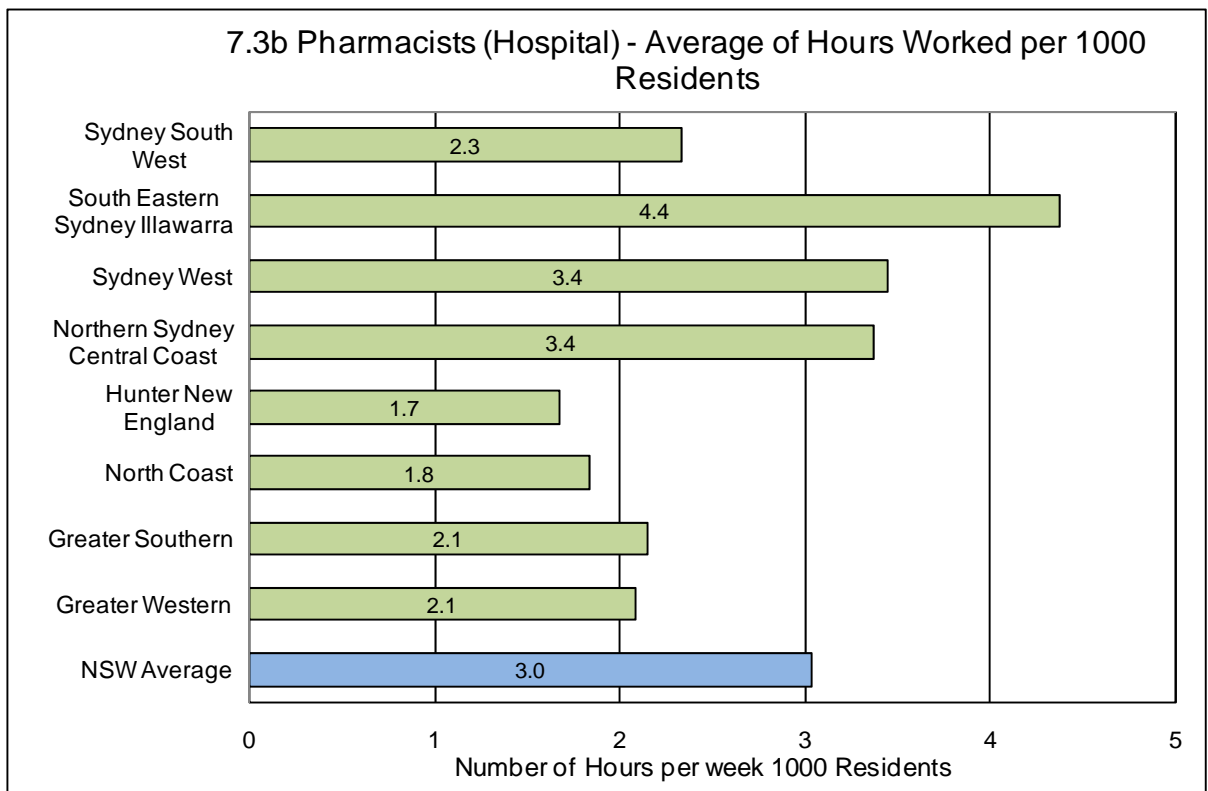
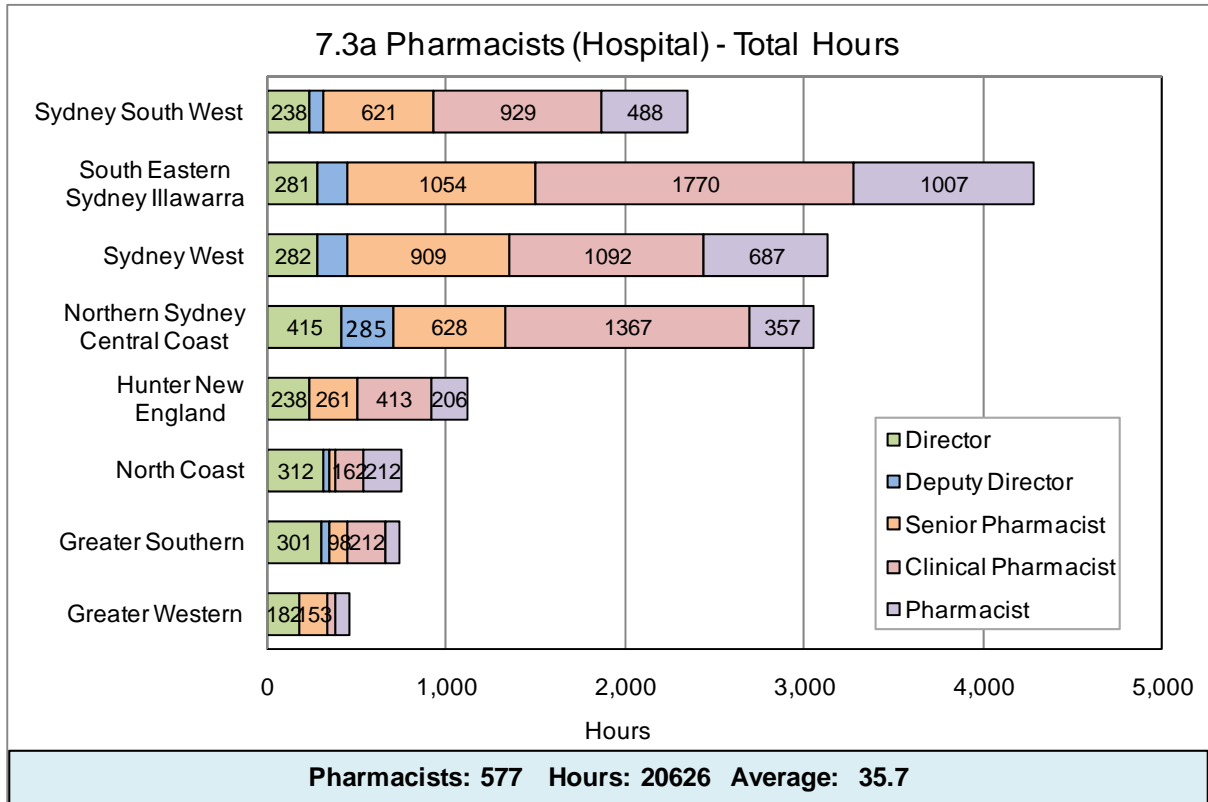
A comparison between part time work in hospital pharmacy was made to part time work in the whole Australian Labour Market³. The pharmacy market was restricted to persons working only in NSW so as not to confuse persons working part time in NSW and part time in another State with those working part time as a whole. It will be observed that part time contribution to work is usually similar to the workforce generally. There is less part time work among young females but more among middle age females. There are some age groups with no males in part time work.



7.3 Location of Work

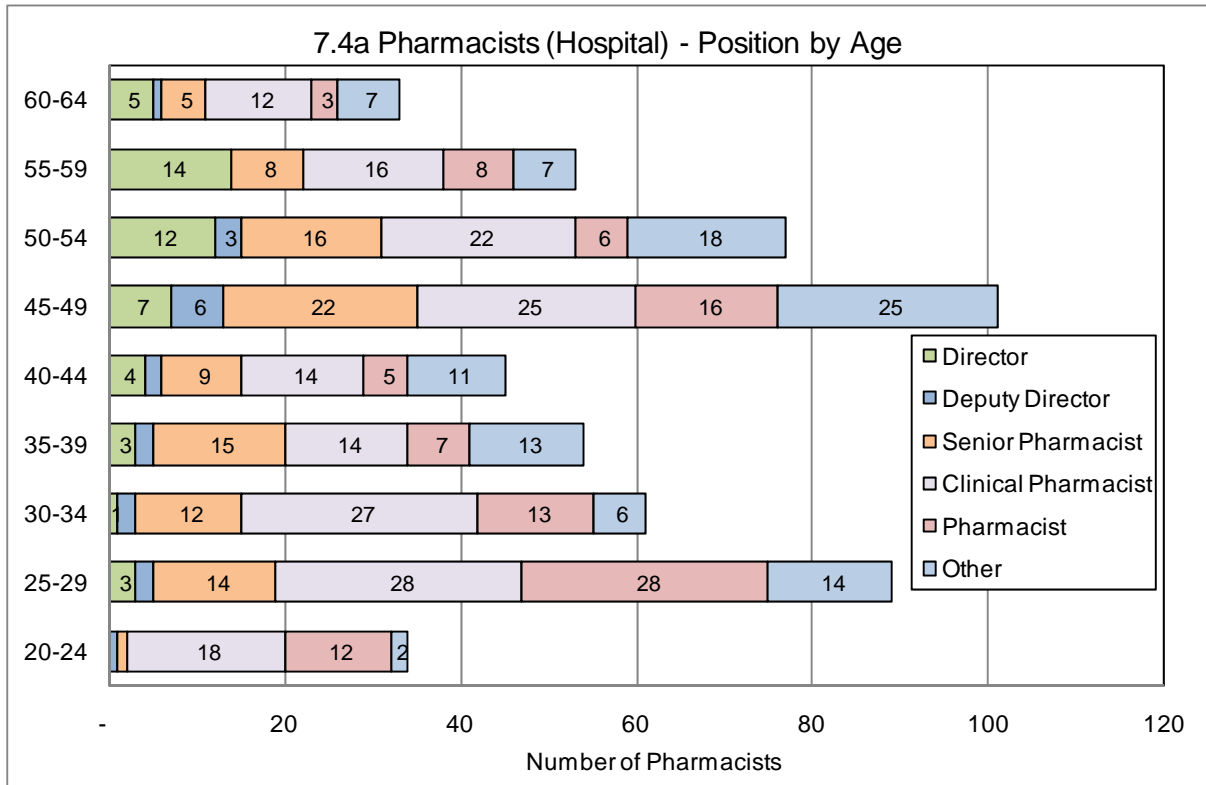
Chart 7.3a shows the total number of hours of work for all hospital pharmacists working in NSW by AHS of the main job while chart 7.3b presents the information in average hours worked per thousand residents. As with other reports in the 2006 series, the number of hours per week cannot exceed 76. To some extent, the rate indicates the location of major hospitals with large pharmacy departments. Metropolitan Areas and especially South Eastern Sydney Illawarra have a higher number of hospital pharmacists while the rate in the rural AHS is substantially less than the State average. The anomaly is Sydney South West AHS where the rate of hospital pharmacists to population is low.

³ Australian Bureau of Statistics *Australian Labour Market Statistics January 2007* Catalogue Number 6105.0



7.4 Type of Position

Table 7.4a shows the position held at the hospital pharmacy of employment. It will be observed that 13% of respondents indicated that they were the director or deputy director of the service. Another 49% have a role as a senior or clinical pharmacist while 18% work as general pharmacists. The remaining 20% did not provide sufficient information from the sequence of questions for accurate classification. It will be observed that Directors are usually in their 50s while many deputy Directors are much younger.



8

OTHER PHARMACISTS AND THE TOTAL WORKFORCE

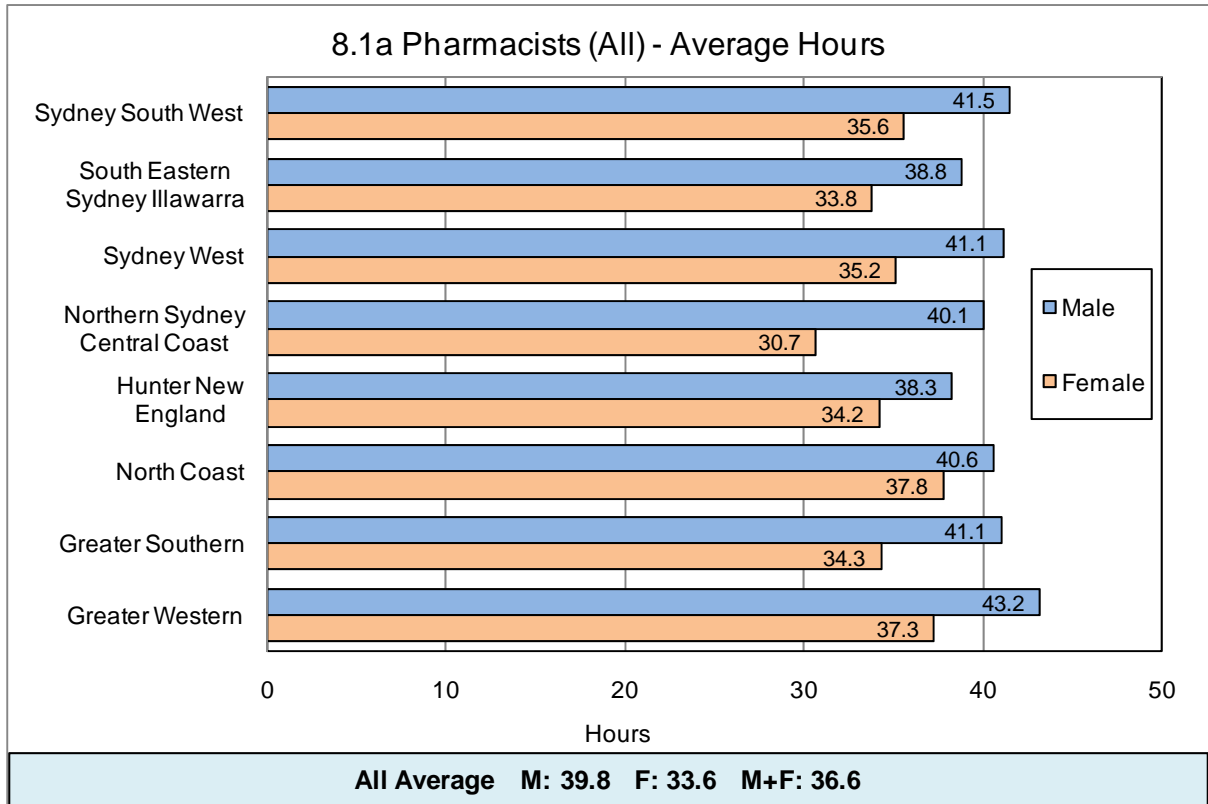
Apart from the community and hospital pharmacists discussed in the previous two sections, there is a smaller group of other pharmacists employed in a wide variety of settings including industry, education, research, administration, the defence forces and consultancy. There were 338 pharmacists responding as working in one of these other fields. This section also presents data on the total workforce including another 186 pharmacists who did not nominate a field of work

8.1 Hours of Work

While 524 pharmacists responded that they work in fields other than community or hospital pharmacy, 29 did not provide a response for the number of hours worked in this State during their usual week. This section shows statistics for hours of work for those 495 pharmacists and shows total for all 4,431 pharmacists who work in NSW for one hour or more. The few respondents stating more than 76 hours are limited to 76 hours for FTE reporting. Working hours outside of NSW have been disregarded

Other pharmacists working in NSW recorded a total of 17,762 hours of work in a typical week, an average of 35.9 hours per week, similar to the average hours of community pharmacists and hospital pharmacists. The main job accounted for 16,322 (92%) of these hours.

The total hours worked by all pharmacists was 162,277 at an average of 36.6 hours a week. The average working week was 39.8 hours for males and 33.6 hours for females. Chart 8.1a shows average hours worked by Area Health Service and gender. While there is little difference among the Areas in general, the low female average in Northern Sydney Central Coast may indicate a greater abundance of part time opportunities. The higher average in the Greater Western Area for males probably reflects the smaller base population.



8.2 Full Time Equivalents

'Other' pharmacists contributed 467.4 FTE to the total workforce made up of 395.1 FTE (0.80 FTE per person) up to 38 hours and 72.3 FTE (0.15 per person) of more than 38 hours. It will be observed that the relative contribution of these pharmacists is almost identical to that of the workforce as a whole.

All together, pharmacists working in NSW recorded a total FTE of 4270.4 persons. This total FTE can be divided into 3592.0 FTE or 0.81 FTE per working pharmacist up to 38 hours and 678.4 FTE (0.15 per person) as an additional contribution beyond 38 hours. The number of males and female FTEs by those working at least 1 FTE and those working less than 1 FTE is shown in Chart 8.2a by age. As most pharmacists work in the community, the comments made under 6.2 also apply here.

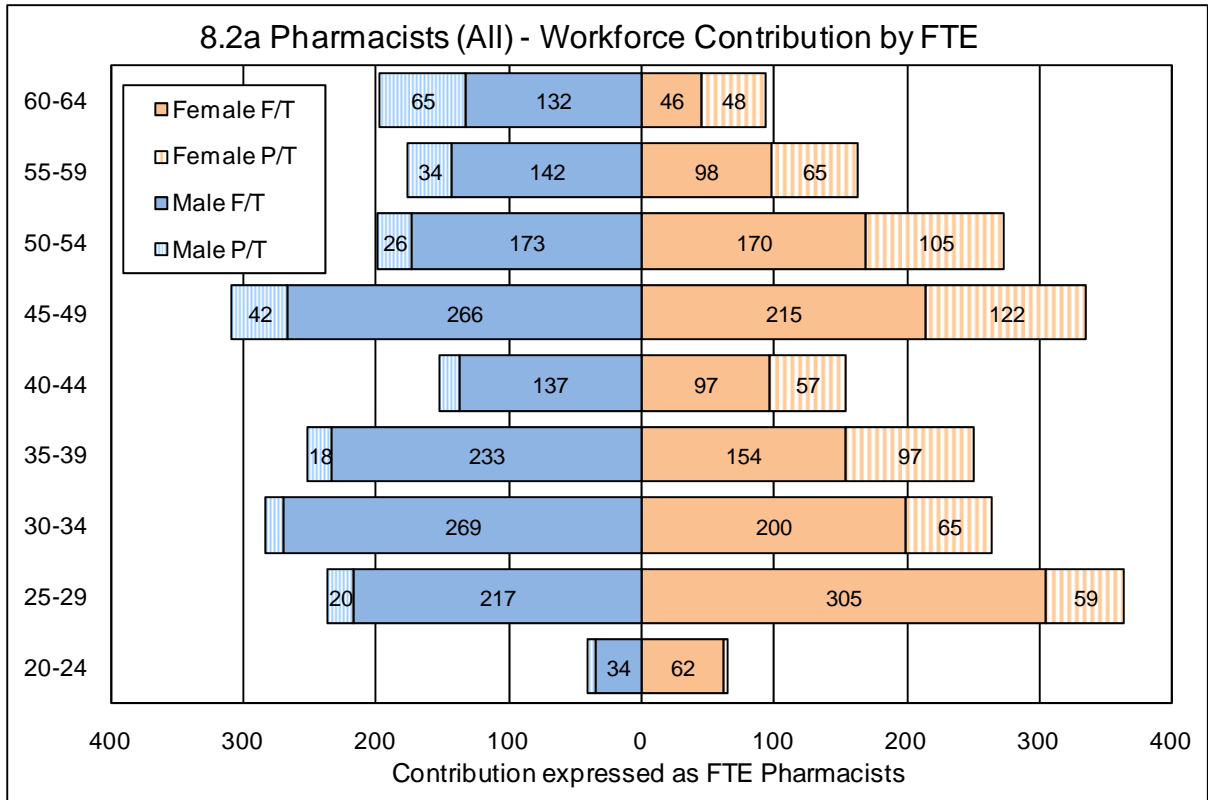
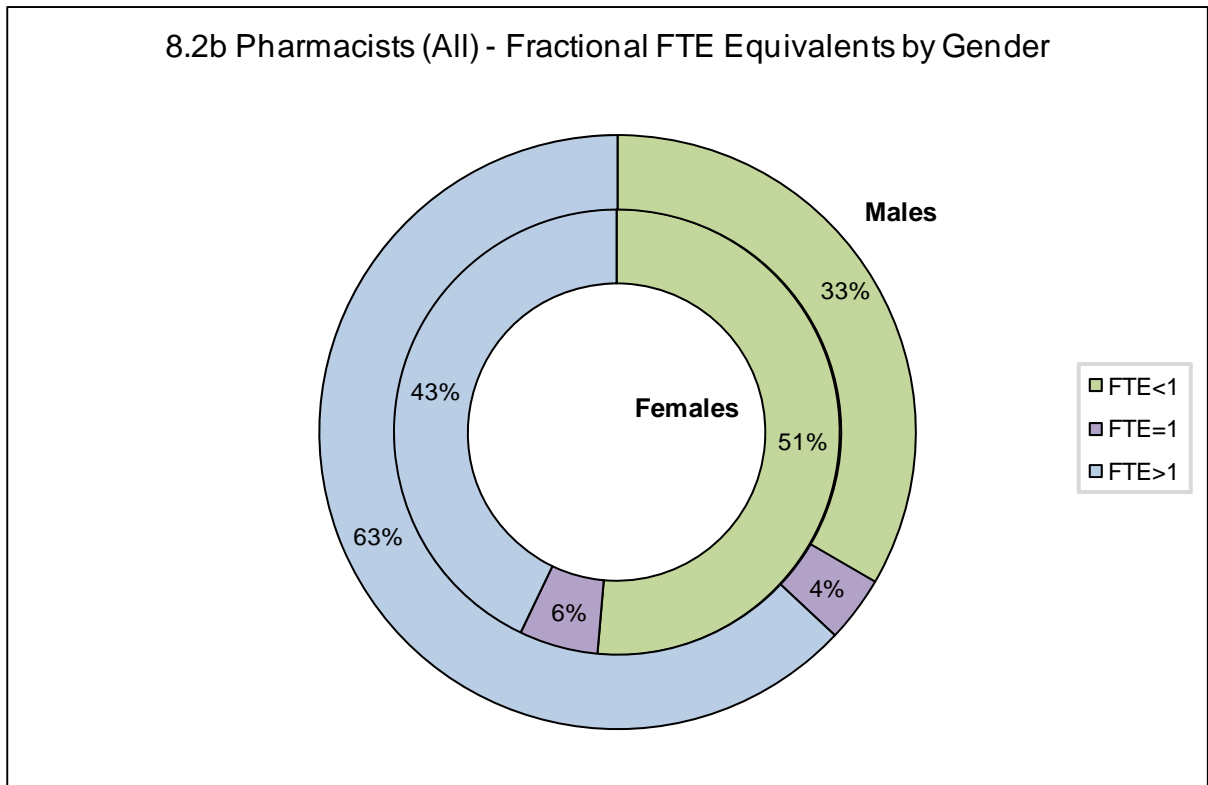
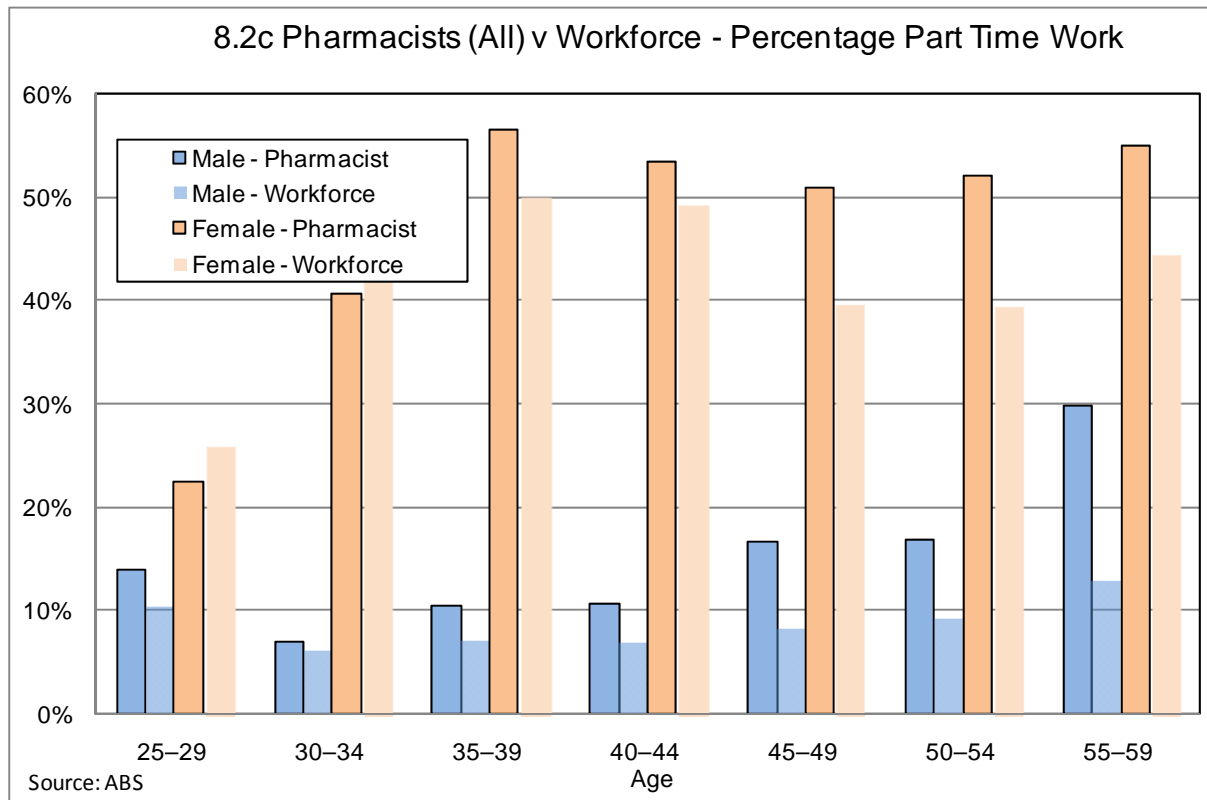


Chart 8.2b indicates work contributions by gender below and above 1 FTE. About half of the female labour force and one third of males work less than 1 FTE.



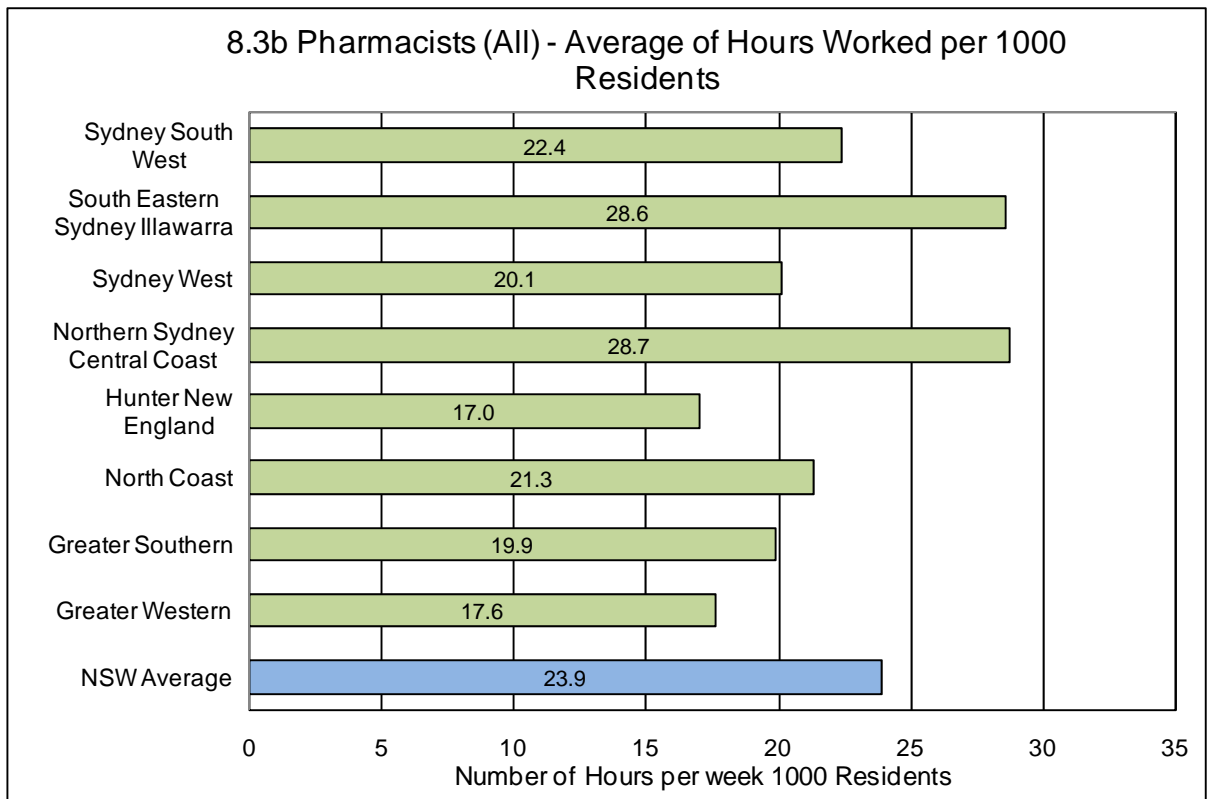
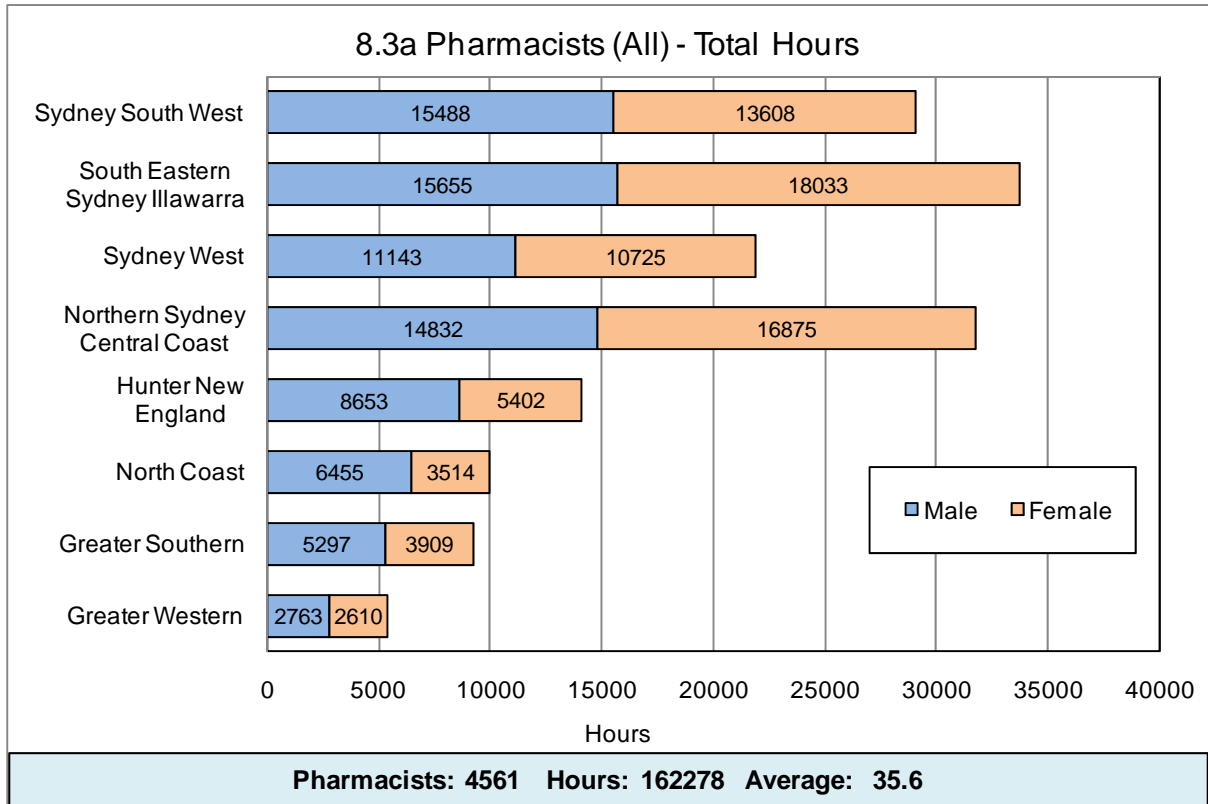
A comparison between part time work in pharmacy was made to part time work in the whole Australian Labour Market⁴. The pharmacy market was restricted to persons working only in NSW so as not to confuse persons working part time in NSW and part time in another State with those working part time as a whole. It will be observed that part time contribution to work at all ages is higher than in the workforce generally with the exception of females in the two youngest age bands. As we commented in the section on community pharmacists, opportunities for part time work for older pharmacists allow for part time percentages to be twice that of the general population.



8.3 Location of Work

Chart 8.3a shows the total number of hours of work for all pharmacists working in NSW (including the 'other' group) by AHS of the main job while chart 8.3b presents the information in average hours worked per thousand residents. As with other reports in the 2006 series, the number of hours per week cannot exceed 76. Total hours of pharmacy work are strongly concentrated in the metropolitan sectors of the State although only in Northern Sydney Central Coast and South Eastern Sydney Illawarra do average hours per resident exceed the State average. The least number of pharmacists to population occurs in Hunter New England rather than the purely rural AHS.

⁴ Australian Bureau of Statistics *Australian Labour Market Statistics January 2007* Catalogue Number 6105.0



PHARMACISTS 2006

List of Tables

Section A - All Respondents

PH1	Age and Gender
PH2	Citizenship
PH3	Employment Status current and 12 months ago
PH4	Additional State(s) of Registration
PH5	Pharmacists not currently working in Pharmacy

Section B - Work In New South Wales

PH6	Area Health Service and Subarea of residence
PH7	Area Health Service of Residence and Subarea per thousand population
PH8	Field of Work
PH9A	Setting and Sector of Work - Males
PH9B	Setting and Sector of Work - Females
PH9C	Setting and Sector of Work - Persons
PH10	Community Pharmacists: Area Health Service of Work
PH11	Hospital Pharmacists: Area Health Service of Work
PH12	All Pharmacists: Area Health Service of Work
PH13	Number of Usual Hours worked
PH14	Number of Full Time Equivalent
PH15	Community Pharmacists: Role in Business
PH16	Community Pharmacists: Type of Premises
PH17	Hospital Pharmacists: Position

Section C - Hours of Work

PH18	Field of Work for Main and Second Job
PH19	Total Hours by Sector and Setting of Workplace
PH20	Area Health Service for Community Pharmacists, Hospital Pharmacists and All Pharmacists
PH21	Total Hours Worked by Age Group
PH22	Professional Education Hours for face-to-face and private study

TABLES FOR PHARMACISTS 2006

SECTION A- ALL RESPONDENTS

Tables PH1 to PH4 show data for all respondents to the survey

Table PH5 shows data on registered pharmacists not currently working in pharmacy

Pharmacists working in New South Wales are defined by a postcode within the State for at least one job

A pharmacist with a second job is one who has reported one or more hours of work in their second job within NSW

List of Tables

PH1 Age and Gender

PH2 Citizenship

PH3 Employment Status current and 12 months ago

PH4 Additional State(s) of Registration

PH5 Pharmacists not currently working in Pharmacy

Table PH1		Age and Gender			
	<i>Working NSW</i>	<i>Percent</i>	<i>All Respondents</i>	<i>Percent</i>	<i>% Working NSW</i>
Males					
20-24 Years	38	1.76	42	1.26	90.48
25-29 Years	211	9.75	280	8.39	75.36
30-34 Years	239	11.04	300	8.98	79.67
35-39 Years	212	9.80	284	8.51	74.65
40-44 Years	132	6.10	189	5.66	69.84
45-49Years	274	12.66	394	11.80	69.54
50-54 Years	170	7.86	247	7.40	68.83
55-59 Years	168	7.76	270	8.09	62.22
60-64 years	223	10.30	349	10.45	63.90
65-69 years	291	13.45	506	15.15	57.51
70 Years or more	206	9.52	478	14.32	43.10
Total Responses	2,164	100.00	3,339	100.00	64.81
No response on age	-	0.00	-	0.00	
Grand Total	2,164	100.00	3,339	100.00	64.81
	<i>Working NSW</i>	<i>Percent</i>	<i>All Respondents</i>	<i>Percent</i>	<i>% Working NSW</i>
Females					
20-24 Years	58	2.45	76	2.17	76.32
25-29 Years	363	15.36	476	13.61	76.26
30-34 Years	286	12.10	431	12.32	66.36
35-39 Years	314	13.28	447	12.78	70.25
40-44 Years	185	7.83	261	7.46	70.88
45-49Years	390	16.50	580	16.59	67.24
50-54 Years	311	13.16	426	12.18	73.00
55-59 Years	189	7.99	281	8.04	67.26
60-64 years	135	5.71	212	6.06	63.68
65-69 years	90	3.81	170	4.86	52.94
70 Years or more	43	1.82	137	3.92	31.39
Total Responses	2,364	100.00	3,497	100.00	67.60
No response on age	-	0.00	-	0.00	
Grand Total	2,364	100.00	3,497	100.00	67.60

Table PH1		Age and Gender			
	<i>Working NSW</i>	<i>Percent</i>	<i>All Respondents</i>	<i>Percent</i>	<i>% Working NSW</i>
Persons					
20-24 Years	96	2.10	118	1.71	81.36
25-29 Years	574	12.58	756	10.98	75.93
30-34 Years	525	11.51	731	10.61	71.82
35-39 Years	526	11.53	731	10.61	71.96
40-44 Years	317	6.95	450	6.53	70.44
45-49 Years	664	14.56	974	14.14	68.17
50-54 Years	481	10.55	673	9.77	71.47
55-59 Years	357	7.83	551	8.00	64.79
60 Years or more	358	7.85	561	8.15	63.81
65-69 years	381	8.35	676	9.82	56.36
70 Years or more	249	5.46	615	8.93	40.49
Total Responses	4,528	99.28	6,836	99.26	66.24
No response on age	33	0.72	51	0.74	64.71
Grand Total	4,561	100.00	6,887	100.00	66.23

Note: Age and gender was not provided for 33 respondents working in NSW and 51 in total

	Citizenship					
	Working NSW				All	Percent
	<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Percent</i>	Respondents	
Australian Citizen	1,552	1,671	3,246	71.17	4,621	67.10
Permanent Resident	88	77	148	3.24	203	2.95
Temporary Resident	11	8	20	0.44	93	1.35
Total Responses	1,651	1,756	3,414	74.85	4,917	71.40
No response	513	608	1,147	25.15	1,970	28.60
Grand Total	2,164	2,364	4,561	100.00	6,887	100.00

	Table PH3A Current Employment Status					
	Working NSW				All	Percent
	<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Percent</i>	Respondent	
Working only in NSW	2,089	2,312	4,433	97.19	4,433	64.37
Working mainly in NSW	26	15	41	0.90	41	0.60
Working mainly in other States	43	20	64	1.40	64	0.93
Working only in other States	-	-	-	0.00	350	5.08
Working overseas	-	-	-	0.00	275	3.99
On leave 3 months or more	6	17	23	0.50	23	0.33
Not working in Pharmacy	-	-	-	0.00	262	3.80
Not working at all	-	-	-	0.00	463	6.72
Total Responses	2,164	2,364	4,561	100.00	5,911	85.83
No response	-	-	-	0.00	976	14.17
Grand Total	2,164	2,364	4,561	100.00	6,887	100.00

	Table PH3B Employment Status 12 months ago					
	Working NSW				All	Percent
	<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Percent</i>	Respondent	
Working only in NSW	1,686	1,881	3,596	78.84	3,827	55.57
Working mainly in NSW	33	24	57	1.25	64	0.93
Working mainly in other States	30	13	43	0.94	77	1.12
Working only in other States	22	19	41	0.90	301	4.37
Working overseas	20	11	31	0.68	261	3.79
On leave 3 months or more	4	13	17	0.37	24	0.35
Not working in Pharmacy	4	4	8	0.18	219	3.18
Not working at all	-	12	12	0.26	307	4.46
Total Responses	1,799	1,977	3,805	83.42	5,080	73.76
No response	365	387	756	16.58	1,807	26.24
Grand Total	2,164	2,364	4,561	100.00	6,887	100.00

Table PH4**Additional State of Registration**

Working NSW

All
Respondents

Percent

	<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Percent</i>		
NSW only	1,362	1,567	2,950	64.68	4,018	58.34
Victoria	36	28	64	1.40	127	1.84
Queensland	82	44	127	2.78	283	4.11
Western Australia	5	4	9	0.20	23	0.33
South Australia	7	8	15	0.33	27	0.39
Tasmania	1	5	6	0.13	17	0.25
NT	9	5	14	0.31	23	0.33
ACT	22	10	30	0.66	81	1.18
Multiple States	29	7	36	0.79	87	1.26
Total Responses	1,553	1,678	3,251	71.28	4,686	68.04
No response	611	686	1,310	28.72	2,201	31.96
Grand Total	2,164	2,364	4,561	100.00	6,887	100.00

Table PH5**Not Working in Pharmacy**

	<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Percent</i>
Looking for work full time	8	9	17	1.26
Looking for work part time	22	30	53	3.93
Looking for work either full or part time	8	11	19	1.41
Not looking for work	276	309	586	43.41
Total Responses	314	359	675	50.00
No response	266	224	675	50.00
Total	580	583	1,350	100.00

Working in Pharmacy

4,561

No response on work status

976

Total Respondents

6,887

TABLES FOR PHARMACISTS 2006

SECTION B - WORK IN NEW SOUTH WALES

Tables PH6 to PH17 show statistics for pharmacists working in NSW

All Tables indicate male and female

A second job is defined by work of one hour or more at the second location
Average hours are calculated for persons working one hour or more

Full Time Equivalentents are based on a 38 hour week

List of Tables

PH6	Area Health Service and Subarea of residence
PH7	Area Health Service of Residence and Subarea per thousand population
PH8	Field of Work
PH9A	Setting and Sector of Work - Males
PH9B	Setting and Sector of Work - Females
PH9C	Setting and Sector of Work - Persons
PH10	Community Pharmacists: Area Health Service of Work
PH11	Hospital Pharmacists: Area Health Service of Work
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PH14	Number of Full Time Equivalentents
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PH16	Community Pharmacists: Type of Premises
PH17	Hospital Pharmacists: Position

Table PH6				
Area Health Service and Subarea of Residence				
Working NSW				
	<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Percent</i>
Sydney South West	390	480	879	19.37
Canterbury Bankstown	109	129	241	5.31
Fairfield Liverpool	74	92	167	3.68
Inner West	163	214	380	8.38
Macarthur	26	25	53	1.17
Southern Highlands	18	20	38	0.84
South Eastern Sydney Illawarra	428	517	947	20.87
Eastern Suburbs	162	205	367	8.09
Shoalhaven	26	22	48	1.06
St. George	97	101	198	4.36
Sutherland	68	99	168	3.70
Wollongong	75	90	166	3.66
Sydney West	202	258	464	10.23
Baulkham Hills	62	80	144	3.17
Blacktown	25	39	64	1.41
Central West Sydney	67	100	169	3.72
Wentworth	48	39	87	1.92
Northern Sydney Central Coast	487	628	1,120	24.69
Central Coast	90	70	160	3.53
Lower North Shore	91	147	238	5.25
Northern Beaches	82	109	193	4.25
Ryde	65	65	130	2.87
Upper North Shore	159	237	399	8.79
Hunter New England	233	171	407	8.97
Maitland & Cessnock	19	14	33	0.73
Newcastle	129	83	214	4.72
Rural Hunter New England	48	48	97	2.14
Tamworth, Armidale & Taree	37	26	63	1.39

continued over

Table PH6		Area Health Service and Subarea of Residence			
		<i>Working NSW</i>			
	<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Percent</i>	
North Coast	155	81	239	5.27	
Other North Coast	55	22	78	1.72	
Port Macquarie, Coffs Harbour & Tweed	56	27	85	1.87	
Richmond Coast	44	32	76	1.68	
Greater Southern	118	106	225	4.96	
Albury & Wagga	35	30	65	1.43	
Queanbeyan & Goulburn	8	11	19	0.42	
Rural Greater Southern	55	47	103	2.27	
South Coast	20	18	38	0.84	
Greater Western	64	67	132	2.91	
Bathurst, Dubbo & Orange	28	30	59	1.30	
Remote NSW	6	4	10	0.22	
Rural Greater Western	30	33	63	1.39	
Interstate	71	40	112	2.47	
Total Australia	2,148	2,348	4,525	99.74	
No response/ Overseas	3	5	12	0.26	
Grand Total	2,151	2,353	4,537	100.00	

Table PH7

**Area Health Service
and Subarea of
Residence**
Per Thousand Population

	<i>Working NSW</i>	<i>Population 2005</i>
Sydney South West	0.67	1,316,939
Canterbury Bankstown	0.69	350,110
Fairfield Liverpool	0.47	357,982
Inner West	1.18	321,131
Macarthur	0.22	243,046
Southern Highlands	0.85	44,670
South Eastern Sydney Illawarra	0.81	1,173,763
Eastern Suburbs	1.01	362,035
Shoalhaven	0.51	93,615
St. George	0.87	227,177
Sutherland	0.78	215,053
Wollongong	0.60	275,883
Sydney West	0.43	1,091,715
Baulkham Hills	0.89	161,068
Blacktown	0.23	283,458
Central West Sydney	0.55	308,010
Wentworth	0.26	339,179
Northern Sydney Central Coast	1.01	1,107,534
Central Coast	0.52	306,697
Lower North Shore	1.28	185,592
Northern Beaches	0.82	235,866
Ryde	1.15	113,478
Upper North Shore	1.50	265,901
Hunter New England	0.49	836,615
Maitland & Cessnock	0.30	110,019
Newcastle	0.53	400,866
Rural Hunter New England	0.49	199,611
Tamworth, Armidale & Taree	0.50	126,119

continued over

Table PH7**Area Health Service
and Subarea of
Residence**
Per Thousand Population

	<i>Working NSW</i>	<i>Population 2005</i>
North Coast	0.50	473,702
Other North Coast	0.46	169,580
Port Macquarie, Coffs Harbour & Tweed	0.45	189,714
Richmond Coast	0.66	114,408
Greater Southern	0.48	468,651
Albury & Wagga	0.62	105,302
Queanbeyan & Goulburn	0.30	64,281
Rural Greater Southern	0.45	230,248
South Coast	0.55	68,820
Greater Western	0.43	305,330
Bathurst, Dubbo & Orange	0.52	114,055
Remote NSW	0.34	29,176
Rural Greater Western	0.39	162,099
Total NSW Residents	0.67	6,774,249

Table PH8		Field of Work			
<i>Main Job</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>Percent</i>	
Community	1843	1590	3460	75.86	
Hospital	129	443	577	12.65	
Industry	33	89	122	2.67	
Teacher/Education	16	19	35	0.77	
Administration	19	16	35	0.77	
Other	45	101	146	3.20	
Total Responses	2085	2258	4375	95.92	
No response	79	106	186	4.08	
Grand Total	2164	2364	4561	100.00	
<i>Second Job</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>Percent</i>	
Community	149	197	349	38.27	
Hospital	12	39	51	5.59	
Industry	2	4	6	0.66	
Teacher/Education	6	13	20	2.19	
Administration	8	2	10	1.10	
Other	24	31	55	6.03	
Total Responses	201	286	491	53.84	
No response	166	249	421	46.16	
Grand Total	367	535	912	100.00	

Works one job only

3649

Table PH9A**Setting of Work: Males**

<i>Main Job</i>	Public		Private		Not Stated	Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>All</i>	<i>Percent</i>
Community Pharmacy	0	0.00	1882	97.31	0	1882	86.97
General Hospital	44	50.00	11	0.57	0	55	2.54
Psychiatric Hospital	5	5.68	3	0.16	0	8	0.37
Aged Care Facility	1	1.14	7	0.36	0	8	0.37
Medical Centre	4	4.55	8	0.41	0	12	0.55
Tertiary Education	15	17.05	2	0.10	0	17	0.79
Defence	2	2.27	0	0.00	0	2	0.09
Government Department	5	5.68	0	0.00	0	5	0.23
Pharmaceutical Manufacturer	9	10.23	10	0.52	0	19	0.88
Pharmaceutical Wholesaler	0	0.00	5	0.26	0	5	0.23
Other	3	3.41	6	0.31	0	9	0.42
Total Responses	88	100.00	1934	100.00	0	2022	93.44
No response	0	0.00	0	0.00	142	142	6.56
Grand Total	88	100.00	1934	100.00	142	2164	100.00

<i>Second Job (if applicable)</i>	Public		Private		Not Stated	Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>All</i>	<i>Percent</i>
Community Pharmacy	0	0.00	235	96.31	0	235	64.03
General Hospital	3	18.75	2	0.82	0	5	1.36
Psychiatric Hospital	0	0.00	0	0.00	0	0	0.00
Aged Care Facility	0	0.00	2	0.82	0	2	0.54
Medical Centre	3	18.75	2	0.82	0	5	1.36
Tertiary Education	2	12.50	2	0.82	0	4	1.09
Defence	0	0.00	0	0.00	0	0	0.00
Government Department	2	12.50	0	0.00	0	2	0.54
Pharmaceutical Manufacturer	0	0.00	1	0.41	0	1	0.27
Pharmaceutical Wholesaler	0	0.00	0	0.00	0	0	0.00
Other	6	37.50	0	0.00	0	6	1.63
Total Responses	16	100.00	244	100.00	0	260	70.84
No response	0	0.00	0	0.00	107	107	29.16
Grand Total	16	100.00	244	100.00	107	367	100.00

Table PH9B**Setting of Work: Females**

<i>Main Job</i>	Public		Private		Not Stated	Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>All</i>	<i>Percent</i>
Community Pharmacy	0	0.00	1687	93.67	0	1687	71.36
General Hospital	195	67.47	42	2.33	0	237	10.03
Psychiatric Hospital	6	2.08	3	0.17	0	9	0.38
Aged Care Facility	6	2.08	11	0.61	0	17	0.72
Medical Centre	2	0.69	9	0.50	0	11	0.47
Tertiary Education	27	9.34	1	0.06	0	28	1.18
Defence	7	2.42	0	0.00	0	7	0.30
Government Department	12	4.15	0	0.00	0	12	0.51
Pharmaceutical Manufacturer	22	7.61	33	1.83	0	55	2.33
Pharmaceutical Wholesaler	0	0.00	5	0.28	0	5	0.21
Other	12	4.15	10	0.56	0	22	0.93
Total Responses	289	100.00	1801	100.00	0	2090	88.41
No response	0	0.00	0	0.00	274	274	11.59
Grand Total	289	100.00	1801	100.00	274	2364	100.00

<i>Second Job (if applicable)</i>	Public		Private		Not Stated	Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>All</i>	<i>Percent</i>
Community Pharmacy	0	0.00	336	93.85	0	336	62.80
General Hospital	15	38.46	11	3.07	0	26	4.86
Psychiatric Hospital	1	2.56	0	0.00	0	1	0.19
Aged Care Facility	3	7.69	9	2.51	0	12	2.24
Medical Centre	2	5.13	2	0.56	0	4	0.75
Tertiary Education	7	17.95	0	0.00	0	7	1.31
Defence	2	5.13	0	0.00	0	2	0.37
Government Department	3	7.69	0	0.00	0	3	0.56
Pharmaceutical Manufacturer	2	5.13	0	0.00	0	2	0.37
Pharmaceutical Wholesaler	0	0.00	0	0.00	0	0	0.00
Other	4	10.26	0	0.00	0	4	0.75
Total Responses	39	100.00	358	100.00	0	397	74.21
No response	0	0.00	0	0.00	138	138	25.79
Grand Total	39	100.00	358	100.00	138	535	100.00

Table PH9C

Setting of Work: Persons

<i>Main Job</i>	Public		Private		Not Stated	Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>All</i>	<i>Percent</i>
Community Pharmacy	0	0.00	3596	95.59	0	3596	78.84
General Hospital	242	63.68	53	1.41	0	295	6.47
Psychiatric Hospital	11	2.89	6	0.16	0	17	0.37
Aged Care Facility	7	1.84	18	0.48	0	25	0.55
Medical Centre	6	1.58	17	0.45	0	23	0.50
Tertiary Education	42	11.05	3	0.08	0	45	0.99
Defence	9	2.37	0	0.00	0	9	0.20
Government Department	17	4.47	0	0.00	0	17	0.37
Pharmaceutical Manufacturer	31	8.16	43	1.14	0	74	1.62
Pharmaceutical Wholesaler	0	0.00	10	0.27	0	10	0.22
Other	15	3.95	16	0.43	0	31	0.68
Total Responses	380	100.00	3762	100.00	0	4142	90.81
No response	0	0.00	0	0.00	419	419	9.19
Grand Total	380	100.00	3762	100.00	419	4561	100.00

<i>Second Job (if applicable)</i>	Public		Private		Not Stated	Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>All</i>	<i>Percent</i>
Community Pharmacy	0	0.00	579	94.92	0	579	63.49
General Hospital	18	32.73	13	2.13	0	31	3.40
Psychiatric Hospital	1	1.82	0	0.00	0	1	0.11
Aged Care Facility	3	5.45	11	1.80	0	14	1.54
Medical Centre	5	9.09	4	0.66	0	9	0.99
Tertiary Education	9	16.36	2	0.33	0	11	1.21
Defence	2	3.64	0	0.00	0	2	0.22
Government Department	5	9.09	0	0.00	0	5	0.55
Pharmaceutical Manufacturer	2	3.64	1	0.16	0	3	0.33
Pharmaceutical Wholesaler	0	0.00	0	0.00	0	0	0.00
Other	10	18.18	0	0.00	0	10	1.10
Total Responses	55	100.00	610	100.00	0	665	72.92
No response	0	0.00	0	0.00	247	247	27.08
Grand Total	55	100.00	610	100.00	247	912	100.00

Table PH10 Community Pharmacists: Area Health Service of Work							
<i>Main Job</i>	Males		Females		Not Stated	Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>All</i>	<i>Percent</i>
Sydney South West	327	17.74	269	16.92	7	603	17.43
South Eastern Sydney Illawarra	352	19.10	352	22.14	3	707	20.43
Sydney West	222	12.05	194	12.20	2	418	12.08
Northern Sydney Central Coast	305	16.55	368	23.14	5	678	19.60
Hunter New England	207	11.23	126	7.92	2	335	9.68
North Coast	143	7.76	74	4.65	3	220	6.36
Greater Southern	117	6.35	89	5.60	3	209	6.04
Greater Western	60	3.26	58	3.65	1	119	3.44
Total Responses	1733	94.03	1530	96.23	26	3289	95.06
Main job outside NSW	33	1.79	15	0.94	0	48	1.39
No response	77	4.18	45	2.83	1	123	3.55
Grand Total	1843	100.00	1590	100.00	27	3460	100.00
<i>Second Job (if applicable)</i>	Males		Females		Not Stated	Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>All</i>	<i>Percent</i>
Sydney South West	21	14.09	40	20.30	0	61	17.48
South Eastern Sydney Illawarra	33	22.15	43	21.83	0	76	21.78
Sydney West	16	10.74	19	9.64	2	37	10.60
Northern Sydney Central Coast	26	17.45	48	24.37	1	75	21.49
Hunter New England	14	9.40	10	5.08	0	24	6.88
North Coast	10	6.71	7	3.55	0	17	4.87
Greater Southern	13	8.72	7	3.55	0	20	5.73
Greater Western	3	2.01	9	4.57	0	12	3.44
Total Responses	136	91.28	183	92.89	3	322	92.26
Second job outside NSW	0	0.00	0	0.00	0	0	0.00
No response	13	8.72	14	7.11	0	27	7.74
Grand Total	149	100.00	197	100.00	3	349	100.00

Works one job only

3111

Table PH11 Hospital Pharmacists: Area Health Service of Work							
<i>Main Job</i>	Males		Females		Not Stated	Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>All</i>	<i>Percent</i>
Sydney South West	17	13.18	70	15.80	0	87	15.08
South Eastern Sydney Illawarra	27	20.93	121	27.31	0	148	25.65
Sydney West	29	22.48	74	16.70	1	104	18.02
Northern Sydney Central Coast	20	15.50	83	18.74	2	105	18.20
Hunter New England	11	8.53	28	6.32	1	40	6.93
North Coast	9	6.98	13	2.93	0	22	3.81
Greater Southern	7	5.43	17	3.84	0	24	4.16
Greater Western	6	4.65	11	2.48	0	17	2.95
Total Responses	126	97.67	417	94.13	4	547	94.80
Main job outside NSW	1	0.78	4	0.90	0	5	0.87
No response	2	1.55	22	4.97	1	25	4.33
Grand Total	129	100.00	443	100.00	5	577	100.00
<i>Second Job (if applicable)</i>	Males		Females		Not Stated	Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>All</i>	<i>Percent</i>
Sydney South West	1	8.33	4	10.26	0	5	9.80
South Eastern Sydney Illawarra	1	8.33	6	15.38	0	7	13.73
Sydney West	2	16.67	3	7.69	0	5	9.80
Northern Sydney Central Coast	0	0.00	4	10.26	0	4	7.84
Hunter New England	3	25.00	9	23.08	0	12	23.53
North Coast	2	16.67	3	7.69	0	5	9.80
Greater Southern	1	8.33	2	5.13	0	3	5.88
Greater Western	0	0.00	1	2.56	0	1	1.96
Total Responses	10	83.33	32	82.05	0	42	82.35
Second job outside NSW	0	0.00	0	0.00	0	0	0.00
No response	2	16.67	7	17.95	0	9	17.65
Grand Total	12	100.00	39	100.00	0	51	100.00

Works one job only

Table PH12**All Pharmacists: Area Health Service of Work**

<i>Main Job</i>	Males		Females		Not Stated	Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>All</i>	<i>Percent</i>
Sydney South West	382	17.65	386	16.33	6	774	16.98
South Eastern Sydney Illawarra	406	18.76	542	22.93	2	950	20.84
Sydney West	272	12.57	314	13.28	3	589	12.92
Northern Sydney Central Coast	379	17.51	559	23.65	8	946	20.75
Hunter New England	229	10.58	165	6.98	3	397	8.71
North Coast	162	7.49	93	3.93	3	258	5.66
Greater Southern	133	6.15	114	4.82	3	250	5.48
Greater Western	68	3.14	74	3.13	1	143	3.14
Total Responses	2031	93.85	2247	95.05	29	4307	94.47
Main job outside NSW	36	1.66	24	1.02	0	60	1.32
No response	97	4.48	93	3.93	2	192	4.21
Grand Total	2164	100.00	2364	100.00	31	4559	100.00
<i>Second Job (if applicable)</i>	Males		Females		Not Stated	Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>All</i>	<i>Percent</i>
Sydney South West	55	14.99	90	16.82	3	148	16.23
South Eastern Sydney Illawarra	71	19.35	123	22.99	0	194	21.27
Sydney West	43	11.72	48	8.97	3	94	10.31
Northern Sydney Central Coast	61	16.62	105	19.63	2	168	18.42
Hunter New England	37	10.08	44	8.22	1	82	8.99
North Coast	20	5.45	23	4.30	0	43	4.71
Greater Southern	25	6.81	19	3.55	0	44	4.82
Greater Western	7	1.91	14	2.62	0	21	2.30
Total Responses	319	86.92	466	87.10	9	794	87.06
Second job outside NSW	0	0.00	0	0.00	0	0	0.00
No response	48	13.08	69	12.90	1	118	12.94
Grand Total	367	100.00	535	100.00	10	912	100.00

Works one job only

3629

Table PH13

Number of Usual Hours Worked

<i>Main Job</i>	Males		Females		Not Stated	Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>Number</i>	<i>Percent</i>
1-9	139	6.42	187	7.91	1	327	7.17
10-19	200	9.24	389	16.46	3	592	12.98
20-29	209	9.66	395	16.71	0	604	13.24
30-39	339	15.67	489	20.69	7	835	18.31
40-49	602	27.82	562	23.77	12	1176	25.78
50+	582	26.89	265	11.21	9	856	18.77
Total Responses	2071	95.70	2287	96.74	32	4390	96.25
No response/part interstate	93	4.30	77	3.26	1	171	3.75
Grand Total	2164	100.00	2364	100.00	33	4561	100.00
Total Hours	78649		72012		1351	152012	
Average Hours	38.0		31.5		42.2	34.6	
<i>Second Job (if applicable)</i>							
<i>Second Job (if applicable)</i>	Males		Females		Not Stated	Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>Number</i>	<i>Percent</i>
1-9	166	45.23	330	61.68	4	500	54.82
10-19	134	36.51	157	29.35	4	295	32.35
20-29	49	13.35	29	5.42	1	79	8.66
30-39	10	2.72	8	1.50	1	19	2.08
40-49	5	1.36	2	0.37	0	7	0.77
50+	3	0.82	9	1.68	0	12	1.32
Total Responses	367	100.00	535	100.00	10	912	100.00
No response	0	0.00	0	0.00	0	0	0.00
Grand Total	367	100.00	535	100.00	10	912	100.00
Total Hours	4591		5550		124	10265	
Average Hours	13		10		12	11	
<i>Works one job only</i>						3649	
<i>All Jobs</i>	<i>Number</i>		<i>Number</i>		<i>Not Stated</i>	<i>Number</i>	
Total Hours	83240		77562		1475	162277	
Average Hours - All jobs	40.2		33.9		46.1	37.0	

Table PH14		Full Time Equivalents			
	<i>Males</i>	<i>Females</i>	<i>Not stated</i>	<i>All</i>	
Total Responses	2058	2277	32	4367	
Hours Worked	83240	77562	1475	162277	
Average Hours	40	34	46	37	
All Pharmacists					
Normal FTE (up to 38 hours)	1780.5	1781.7	29.8	3592.0	
Additional FTE (over 38 hours)	410.0	259.4	9.0	678.4	
Total FTE	2190.5	2041.1	38.8	4270.4	
Community Pharmacists					
Normal FTE (up to 38 hours)	1512.2	1177.5	24.1	2713.8	
Additional FTE (over 38 hours)	357.3	181.6	7.4	546.3	
Total FTE	1869.5	1359.1	31.5	3260.1	
Hospital Pharmacists					
Normal FTE (up to 38 hours)	120.4	358.0	4.7	483.1	
Additional FTE (over 38 hours)	16.9	41.7	1.2	59.8	
Total FTE	137.3	399.7	5.9	542.9	

Table PH15**Community Pharmacists: Role**

<i>Main Job</i>	<i>Males</i>		<i>Females</i>		<i>Not Stated</i>	<i>Total</i>	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>All</i>	<i>Percent</i>
Sole Proprietor	265	14.81	115	7.40	2	382	11.34
Partner Proprietor	276	15.43	121	7.78	3	400	11.87
Salaried in-charge	217	12.13	258	16.59	5	480	14.24
Salaried Staff	71	3.97	146	9.39	5	222	6.59
Salaried not specified	107	5.98	153	9.84	1	261	7.74
Reliever, one location	78	4.36	93	5.98	2	173	5.13
Reliever, various locations	119	6.65	81	5.21	0	200	5.93
Other permanent position	189	10.56	169	10.87	5	363	10.77
Total Responses	1322	73.90	1136	73.05	23	2481	73.62
Insufficient data	264	14.76	247	15.88	0	511	15.16
No response	203	11.35	172	11.06	3	378	11.22
Grand Total	1789	100.00	1555	100.00	26	3370	100.00

Table PH16**Community Pharmacists: Premises**

<i>Main Job</i>	<i>Males</i>		<i>Females</i>		<i>Not Stated</i>	<i>Total</i>	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>All</i>	<i>Percent</i>
Stand Alone shop	916	51.20	790	50.80	16	1722	51.10
Shopping Mall	318	17.78	280	18.01	3	601	17.83
Hospital/Nursing Home	3	0.17	5	0.32	0	8	0.24
Medical Centre	58	3.24	44	2.83	0	102	3.03
Other non Government	4	0.22	1	0.06	0	5	0.15
Total Responses	1299	72.61	1120	72.03	19	2438	72.34
No response	490	27.39	435	27.97	7	932	27.66
Grand Total	1789	100.00	1555	100.00	26	3370	100.00

Table PH17**Hospital Pharmacists: Position**

<i>Main Job</i>	Males		Females		Not Stated	Total	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>All</i>	<i>Percent</i>
Director	20	15.50	35	7.90	0	55	9.53
Deputy Director	3	2.33	17	3.84	0	20	3.47
Senior Pharmacist	21	16.28	80	18.06	0	101	17.50
Clinical Pharmacist	38	29.46	142	32.05	2	182	31.54
Pharmacist	28	21.71	76	17.16	2	106	18.37
Total Responses	110	85.27	350	79.01	4	464	80.42
No response	19	14.73	93	20.99	1	113	19.58
Grand Total	129	100.00	443	100.00	5	577	100.00

TABLES FOR PHARMACISTS 2006

SECTION C - HOURS OF WORK

Tables PH18 to PH21 show the number of hours of work reported by survey respondents
Table PH22 shows hours of continuing professional education
All Tables indicate male and female

Hours of work refer only to work stated to occur within New South Wales

Average hours for all jobs are calculated for persons who work one hour or more in NSW
Average hours for second jobs are calculated for persons who work one hour or more in their second job

Table PH18 shows hours for main job and second job separately
Table PH19 shows total hours by sector and setting of the workplace
Table PH20 shows hours by community pharmacists, hospital pharmacists and all pharmacists
Table PH21 shows total hours worked in all jobs

List of Tables

PH18 Field of Work for Main and Second Job
PH19 Total Hours by Sector and Setting of Workplace
PH20 Area Health Service for Community Pharmacists, Hospital Pharmacists and All Pharmacists
PH21 Total Hours Worked by Age Group
PH22 Professional Education Hours for face-to-face and private study

Table PH18**Total Hours: Field of Work**

<i>Main Job</i>	Males			Females			Total		
	<i>Hours</i>	<i>Percent</i>	<i>Average</i>	<i>Hours</i>	<i>Percent</i>	<i>Average</i>	<i>Hours</i>	<i>Percent</i>	<i>Average</i>
Community	67464	85.78	36.61	47536	66.01	29.90	116130	76.40	33.56
Hospital	4819	6.13	37.36	14569	20.23	32.89	19560	12.87	33.90
Industry	1339	1.70	40.58	3403	4.73	38.24	4742	3.12	38.87
Teacher/Education	466	0.59	29.13	539	0.75	28.37	997	0.66	28.49
Administration	601	0.76	31.63	539	0.75	33.69	1140	0.75	32.57
Other	1486	1.89	33.02	2740	3.80	27.13	4227	2.78	28.95
Total Responses	76175	96.85	42.99	69326	96.26	35.98	146796	96.57	39.42
No response	2474	3.15	31.32	2692	3.74	25.40	5216	3.43	28.04
Grand Total	78649	100.00	36.34	72018	100.00	30.46	152012	100.00	33.33

<i>Second Job</i>	Males			Females			Total		
	<i>Hours</i>	<i>Percent</i>	<i>Average</i>	<i>Hours</i>	<i>Percent</i>	<i>Average</i>	<i>Hours</i>	<i>Percent</i>	<i>Average</i>
Community	1870	40.73	12.55	1879	33.86	9.54	3787	36.89	10.85
Hospital	148	3.22	12.33	424	7.64	10.87	572	5.57	11.22
Industry	58	1.26	29.00	58	1.05	14.50	116	1.13	19.33
Teacher/Education	40	0.87	6.67	88	1.59	6.77	140	1.36	7.00
Administration	142	3.09	17.75	30	0.54	15.00	172	1.68	17.20
Other	285	6.21	11.88	275	4.95	8.87	560	5.45	10.18
Total Responses	2543	55.39	12.65	2754	49.62	9.63	5347	52.08	11.12
No response	2048	44.61	12.34	2796	50.38	11.23	4919	47.92	11.68
Grand Total	4591	100.00	12.51	5550	100.00	10.37	10266	100.00	11.38

Table PH19

Settings of Main Job

<i>Public Sector</i>	Males			Females			Total		
	<i>Hours</i>	<i>Percent</i>	<i>Average</i>	<i>Hours</i>	<i>Percent</i>	<i>Average</i>	<i>Hours</i>	<i>Percent</i>	<i>Average</i>
Community Pharmacy	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
General Hospital	1653	51.43	39.36	6447	67.70	33.75	8257	64.04	34.99
Psychiatric Hospital	189	5.88	37.80	186	1.95	31.00	375	2.91	34.09
Aged Care Facility	40	1.24	40.00	98	1.03	19.60	138	1.07	23.00
Medical Centre	204	6.35	51.00	74	0.78	37.00	278	2.16	46.33
Tertiary Education	381	11.85	27.21	934	9.81	34.59	1315	10.20	32.07
Defence	38	1.18	38.00	261	2.74	43.50	299	2.32	42.71
Government Department	231	7.19	46.20	347	3.64	31.55	578	4.48	36.13
Pharmaceutical Manufacturer	348	10.83	38.67	769	8.08	34.95	1117	8.66	36.03
Pharmaceutical Wholesaler	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Other	130	4.04	43.33	407	4.27	37.00	537	4.16	38.36
Total Public Sector	3214	100.00	38.26	9523	100.00	33.89	12894	100.00	35.04
<i>Private Sector</i>	Males			Females			Total		
<i>Hours</i>	<i>Percent</i>	<i>Average</i>	<i>Hours</i>	<i>Percent</i>	<i>Average</i>	<i>Hours</i>	<i>Percent</i>	<i>Average</i>	
Community Pharmacy	72786	97.28	39.84	55364	93.13	33.53	129350	95.48	36.91
General Hospital	431	0.58	43.10	1440	2.42	34.29	1871	1.38	35.98
Psychiatric Hospital	146	0.20	48.67	87	0.15	29.00	233	0.17	38.83
Aged Care Facility	263	0.35	37.57	420	0.71	38.18	683	0.50	37.94
Medical Centre	308	0.41	38.50	333	0.56	37.00	641	0.47	37.71
Tertiary Education	43	0.06	21.50	15	0.03	15.00	58	0.04	19.33
Defence	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Government Department	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Pharmaceutical Manufacturer	441	0.59	44.10	1247	2.10	38.97	1688	1.25	40.19
Pharmaceutical Wholesaler	238	0.32	47.60	147	0.25	29.40	385	0.28	38.50
Other	166	0.22	27.67	393	0.66	39.30	559	0.41	34.94
Total Private Sector	74822	100.00	39.84	59446	100.00	33.70	135468	100.00	36.93
Sector Not Known	5204	6.25	39.73	8593	11.08	32.92	13915	8.57	35.23
Grand Total	83240	100.00	39.77	77562	100.00	33.63	162277	100.00	36.62

Table PH20	Total Hours			Community Pharmacists					
	Males			Females			Total		
	Hours	Percent	Average	Hours	Percent	Average	Hours	Percent	Average
Sydney South West	13428	18.90	41.83	9530	18.45	35.69	23313	18.82	39.18
South Eastern Sydney Illawarra	13540	19.06	38.69	11590	22.44	33.59	25300	20.42	36.25
Sydney West	9164	12.90	41.47	6634	12.85	34.92	15882	12.82	38.46
Northern Sydney Central Coast	11715	16.49	39.44	10478	20.29	28.79	22386	18.07	33.61
Hunter New England	7796	10.97	38.22	4074	7.89	33.67	11985	9.67	36.65
North Coast	5662	7.97	40.44	2757	5.34	37.26	8560	6.91	39.45
Greater Southern	4657	6.56	40.85	3049	5.90	34.26	7814	6.31	38.12
Greater Western	2508	3.53	44.00	2086	4.04	38.63	4604	3.72	41.11
Total Responses	68470	96.38	40.18	50198	97.20	33.38	119844	96.74	37.07
No response/Interstate	2574	3.62	30.28	1446	2.80	28.35	4044	3.26	29.52
Grand Total	71044	100.00	39.71	51644	100.00	33.21	123888	100.00	36.76

Table PH20	Total Hours			Hospital Pharmacists					
	Males			Females			Total		
	Hours	Percent	Average	Hours	Percent	Average	Hours	Percent	Average
Sydney South West	693	13.28	40.76	2379	15.66	34.99	3072	14.89	36.14
South Eastern Sydney Illawarra	1081	20.72	41.58	4097	26.98	33.86	5178	25.10	35.22
Sydney West	1162	22.27	40.07	2570	16.92	35.21	3757	18.21	36.83
Northern Sydney Central Coast	872	16.71	43.60	2769	18.23	33.77	3760	18.23	36.15
Hunter New England	402	7.71	36.55	963	6.34	37.04	1403	6.80	36.92
North Coast	338	6.48	37.56	532	3.50	40.92	870	4.22	39.55
Greater Southern	369	7.07	52.71	638	4.20	37.53	1007	4.88	41.96
Greater Western	243	4.66	40.50	394	2.59	35.82	637	3.09	37.47
Total Responses	5160	98.91	41.28	14342	94.43	34.90	19684	95.43	36.45
No response/Interstate	57	1.09	57.00	846	5.57	35.25	943	4.57	36.27
Grand Total	5217	100.00	41.40	15188	100.00	34.91	20627	100.00	36.44

Table PH20	Total Hours			All Pharmacists					
	Males			Females			Total		
	Hours	Percent	Average	Hours	Percent	Average	Hours	Percent	Average
Sydney South West	15488	18.61	41.52	13608	17.54	35.62	29451	18.15	38.65
South Eastern Sydney Illawarra	15654	18.81	38.94	18032	23.25	33.89	33856	20.86	36.13
Sydney West	11143	13.39	41.42	10725	13.83	35.28	21977	13.54	38.15
Northern Sydney Central Coast	14831	17.82	40.08	16875	21.76	30.85	32072	19.76	34.67
Hunter New England	8653	10.40	38.46	5402	6.96	34.19	14208	8.76	36.81
North Coast	6454	7.75	40.85	3514	4.53	38.20	10110	6.23	39.96
Greater Southern	5297	6.36	41.06	3909	5.04	34.59	9314	5.74	38.17
Greater Western	2763	3.32	43.17	2610	3.37	37.29	5383	3.32	39.87
Total Responses	80283	96.45	40.08	74675	96.28	33.80	156371	96.36	36.86
No response/Interstate	2957	3.55	32.86	2887	3.72	29.76	5906	3.64	31.25
Grand Total	83240	100.00	39.77	77562	100.00	33.63	162277	100.00	36.62

Table PH21	Total Hours			Age Group					
	Males			Females			Total		
	Hours	Percent	Average	Hours	Percent	Average	Hours	Percent	Average
20-24	1511	1.82	39.76	2506	3.23	44.75	4017	2.48	42.73
25-29	9003	10.82	43.92	13853	17.86	38.91	23342	14.38	40.88
30-34	10779	12.95	46.26	10074	12.99	35.85	20853	12.85	40.57
35-39	9539	11.46	46.53	9542	12.30	31.29	19082	11.76	37.42
40-44	5757	6.92	45.69	5848	7.54	32.49	11605	7.15	37.92
45-49	11727	14.09	43.76	12777	16.47	33.62	24505	15.10	37.82
50-54	7538	9.06	44.34	10427	13.44	34.30	17965	11.07	37.90
55-59	6691	8.04	41.05	6196	7.99	32.96	12887	7.94	36.72
60-64	7485	8.99	34.33	3551	4.58	27.96	11037	6.80	31.99
65-69	8634	10.37	31.51	1998	2.58	22.97	10632	6.55	29.45
70+	4575	5.50	23.70	789	1.02	18.79	5364	3.31	21.04
Total Responses	83239	100.00	40.02	77561	100.00	33.80	161289	99.39	36.78
No response	0	0.00	0.00	0	0.00	0.00	989	0.61	44.95
Grand Total	83239	100.00	39.77	77561	100.00	33.63	162278	100.00	36.62

Table PH22A Professional Education: Face-to-Face Hours									
	Males			Females			Total		
	<i>Hours</i>	<i>Percent</i>	<i>Average</i>	<i>Hours</i>	<i>Percent</i>	<i>Average</i>	<i>Hours</i>	<i>Percent</i>	<i>Average</i>
Community Pharmacists	19016	73.00	10.32	17258	45.23	10.85	36616	56.66	10.58
Hospital Pharmacists	3822	14.67	29.63	13237	34.69	29.88	17092	26.45	29.62
Other Pharmacists	2470	9.48	21.86	6166	16.16	27.40	8636	13.36	25.55
Total Responses	25308	97.15	12.14	36661	96.09	16.24	62344	96.48	14.25
No response	742	2.85	9.39	1493	3.91	14.08	2275	3.52	12.23
Grand Total	26050	100.00	12.04	38154	100.00	16.14	64619	100.00	14.17

Table PH22B Professional Education: Private Study Hours									
	Males			Females			Total		
	<i>Hours</i>	<i>Percent</i>	<i>Average</i>	<i>Hours</i>	<i>Percent</i>	<i>Average</i>	<i>Hours</i>	<i>Percent</i>	<i>Average</i>
Community Pharmacists	73398	81.00	39.83	58400	63.03	36.73	133338	72.11	38.54
Hospital Pharmacists	7728	8.53	59.91	22025	23.77	49.72	29823	16.13	51.69
Other Pharmacists	5759	6.36	50.96	9493	10.25	42.19	15252	8.25	45.12
Total Responses	86885	95.88	41.67	89918	97.04	39.82	178413	96.49	40.78
No response	3733	4.12	47.25	2741	2.96	25.86	6494	3.51	34.91
Grand Total	90618	100.00	41.88	92659	100.00	39.20	184907	100.00	40.54