

NATIONAL HEALTH LABOUR FORCE SERIES

Number 12

Pharmacy labour force 1995

Australian Institute of Health and Welfare
Canberra

AIHW Catalogue Number HWL 9

© Commonwealth of Australia 1998

This work is copyright. Apart from any use as permitted under the *Copyright Act 1968*, no part may be reproduced without written permission AusInfo. Requests and enquires concerning reproduction and rights should be addressed to the Manager, Legislative Services, AusInfo, GPO Box 84, Canberra ACT 2601.

This is the twelfth publication of the Australian Institute of Health and Welfare's National Health Labour Force Series. A complete list of the Institute's publications is available from the Publications Unit, Australian Institute of Health and Welfare, GPO Box 570, Canberra ACT 2601, or via the Institute's web-site at <http://www.aihw.gov.au>.

ISSN 1327-4309
ISBN 0 642 24776 5

Suggested citation

Australian Institute of Health and Welfare (AIHW) 1998. Pharmacy labour force 1995. AIHW cat. no. HWL 9. Canberra: AIHW (National Health Labour Force Series no. 12).

Australian Institute of Health and Welfare

Director
Dr Richard Madden

Board Chair
Professor Janice Reid

Any enquiries about or comments on this publication should be directed to:

Labour Force Unit
Australian Institute of Health and Welfare
GPO Box 570
Canberra ACT 2601

Phone: (02) 6244 1153

Email: john.harding@aihw.gov.au

Published by Australian Institute of Health and Welfare

Printed by Elect Printing

Contents

- List of tables iv
- List of figures vi
- Acknowledgments..... vii
- Abbreviations..... viii
- 1 Overview1
- 2 Community pharmacists14
- 3 Hospital and clinic pharmacists23
- 4 Geographic overview28
- 5 Migration and education.....32
 - 5.1 Migration32
 - 5.2 Education.....35
- 6 Pharmacies41
- 7 Use of pharmaceuticals42
- 8 International comparison.....44
- 9 Explanatory notes45
 - Background45
 - Scope and coverage45
 - Method.....45
 - Response rate45
 - Labour force estimates46
 - Additional data sources46
 - Definitions47
 - Symbols and other interpretations.....48
- Related publications49

List of tables

Total labour force

Table 1:	All registered pharmacists: employment status and sex, States and Territories, 1995	8
Table 2:	Pharmacy labour force: occupation of main job and sex, States and Territories, 1995	9
Table 3:	Employed pharmacists and full-time equivalent pharmacists, States and Territories, 1995	10
Table 4:	Registered pharmacists not practising pharmacy in Australia: professional employment status, sex and age, 1995	11
Table 5:	Pharmacy registration and employment trends, States and Territories, 1992–95	12
Table 6:	Changes in the community and hospital and clinic pharmacy workforce: selected characteristics, Australia, 1992–95	13

Community pharmacists

Table 7:	Community pharmacists: classification of main job and sex, States and Territories, 1995	16
Table 8:	Community pharmacists: age and sex, States and Territories, 1995	17
Table 9:	Community pharmacists: classification of main job, full-time and part-time status, age and sex, Australia, 1995	18
Table 10:	Community pharmacists: total hours worked per week, geographic location of main job and sex, Australia, 1995	19
Table 11:	Community pharmacists: year of initial qualification, States and Territories, 1995	20
Table 12:	Community pharmacists: practice location, States and Territories, 1995	20
Table 13:	Community pharmacists: practice location, classification of main job and sex, Australia, 1995	21
Table 14:	Community pharmacists: practice location, full-time and part-time status, age and sex, Australia, 1995	22

Hospital and clinic pharmacists

Table 15:	Hospital and clinic pharmacists: classification of main job and sex, States and Territories, 1995	24
Table 16:	Hospital and clinic pharmacists: classification of main job, full-time and part-time status, age and sex, Australia, 1995	25
Table 17:	Hospital and clinic pharmacists: classification of main job, full-time and part-time status and industry, Australia, 1995	26
Table 18:	Hospital and clinic pharmacists: total hours worked per week, geographic location of main job and sex, Australia, 1995	27

Geographic characteristics

Table 19:	Employed pharmacists and full-time equivalent pharmacists per 100,000 population: geographic location of main job, States and Territories, 1995	29
-----------	---	----

Table 20:	Employed pharmacists: age, geographic location of main job and sex, Australia, 1995.....	30
Table 21:	Employed pharmacists: total hours worked per week, geographic location of main job and sex, Australia, 1995.....	31
Migration		
Table 22:	Temporary migration of pharmacists to and from Australia, 1992–93 to 1995–96.....	33
Table 23:	Permanent migration of pharmacists to and from Australia, 1992–93 to 1995–96.....	34
Education		
Table 24:	Australian commencing pharmacy students: course level, Australia, 1989–97.....	35
Table 25:	Australian commencing pharmacy students: university and course level, 1989–1997.....	36
Table 26:	Australian commencing pharmacy students: course level and sex, Australia, 1989–97.....	36
Table 27:	Pharmacy course completions: course level and citizenship, Australia, 1988–96.....	37
Table 28:	Australian undergraduate students completing pharmacy courses: country of birth, 1991–96.....	38
Table 29:	Average age of Australian students completing pharmacy courses: course level and sex, Australia, 1988–96.....	39
Table 30:	Australian citizen or permanent resident pharmacy students: source geographic area of residence per 100,000 population and sex, Australia, 1995.....	39
Table 31:	All pharmacy students, course level and citizenship, Australia, 1989–97.....	40
Pharmacies		
Table 32:	Approved pharmacies: States and Territories, 1989–97.....	41
Pharmaceutical Benefits Scheme		
Table 33:	Pharmaceutical Benefits Scheme: significant drug groups, Australia, 1995–96.....	43
International comparison		
Table 34:	Practising community pharmacists: OECD countries, 1995.....	44

List of figures

- Figure 1: All registered pharmacists, Australia, 1995 5
- Figure 2: Male registered pharmacists, Australia, 1995..... 6
- Figure 3: Female registered pharmacists, Australia, 1995 7
- Figure 4: Employed pharmacists: occupation and sex, Australia, 1995..... 10
- Figure 5: Employed pharmacists per 100,000 population, States and Territories, 1995 10
- Figure 6: Community pharmacists: classification of main job and sex, Australia, 1995..... 14
- Figure 7: Community pharmacists: age and sex, Australia, 1995..... 15
- Figure 8: Community pharmacists: average weekly hours worked, geographic location and sex, Australia, 1995..... 15
- Figure 9: Hospital and clinic pharmacists: classification of main job and sex, Australia, 1995 23

Acknowledgments

This publication was prepared by Wendy Cooper, Graham Angus and John Harding of the Labour Force Unit of the Australian Institute of Health and Welfare, with database management assistance by Kathy Southgate of the Data Management Unit.

Thanks are extended to each State and Territory pharmacy board and health authority which provided data used in this publication: the Department of Immigration and Multicultural Affairs, the Department of Employment, Education, Training and Youth Affairs for immigration and education statistics, and the Department of Health and Family Services for Pharmaceutical Benefits Scheme statistics.

Abbreviations

ABS	Australian Bureau of Statistics
ACT	Australian Capital Territory
FTE	Full-time equivalent
NSW	New South Wales
NT	Northern Territory
OECD	Organisation for Economic Co-operation and Development
PBS	Pharmaceutical Benefits Scheme
Qld	Queensland
RPBS	Repatriation Pharmaceutical Benefits Scheme
SA	South Australia
Tas	Tasmania
UK	United Kingdom
US	United States
Vic	Victoria
WA	Western Australia