

Appendix A: Detailed tables

Table A.1: All registered pharmacists: employment status, sex, states and territories, 1999

Employment status	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Males									
Employed in pharmacy, only or mainly in state/territory	2,725	1,991	1,409	782	559	205	132	34	7,837
On leave for 3 months or more	10	24	2	2	1	—	—	2	41
Looking for work in pharmacy:									
Employed elsewhere	13	6	3	5	1	—	—	—	28
Not employed	32	36	13	8	9	—	—	2	100
<i>Pharmacy labour force</i>	2,780	2,057	1,427	796	570	205	132	38	8,006
Overseas	85	6	50	6	12	6	4	2	171
Not looking for work in pharmacy:									
Employed elsewhere	199	102	55	41	17	9	14	5	443
Not employed	233	126	158	37	25	4	5	7	596
<i>Not in pharmacy labour force</i>	432	228	213	78	42	13	19	12	1,039
<i>Total registered pharmacists</i>	3,212	2,285	1,640	874	612	219	152	51	9,045
Multiple registrations	353	101	225	18	48	28	39	93	905
Total registrations	3,566	2,386	1,865	892	660	247	191	144	9,950
Females									
Employed in pharmacy, only or mainly in state/territory	2,705	1,713	1,123	562	437	194	128	50	6,910
On leave for 3 months or more	39	43	19	13	7	3	3	3	129
Looking for work in pharmacy:									
Employed elsewhere	17	3	5	2	2	—	1	1	31
Not employed	40	37	10	7	1	3	—	1	100
<i>Pharmacy labour force</i>	2,801	1,796	1,156	584	447	199	132	55	7,170
Overseas	97	47	49	17	20	6	1	6	243
Not looking for work in pharmacy:									
Employed elsewhere	229	76	57	19	7	6	12	3	407
Not employed	243	139	122	57	16	4	8	7	597
<i>Not in pharmacy labour force</i>	569	263	227	93	43	16	21	16	1,247
<i>Total registered pharmacists</i>	3,370	2,058	1,384	676	490	215	153	71	8,417
Multiple registrations	207	74	82	27	15	6	17	58	486
Total registrations	3,576	2,132	1,466	703	505	221	170	129	8,903
Persons									
Employed in pharmacy, only or mainly in state/territory	5,430	3,703	2,531	1,344	996	399	260	83	14,747
On leave for 3 months or more	49	67	21	15	8	3	3	5	170
Looking for work in pharmacy:									
Employed elsewhere	29	9	8	6	3	—	1	1	59
Not employed	72	73	23	14	10	3	—	4	199
<i>Pharmacy labour force</i>	5,581	3,852	2,583	1,379	1,017	405	264	94	15,176
Overseas	183	54	98	23	32	12	5	8	414
Not looking for work in pharmacy:									
Employed elsewhere	428	178	112	60	24	15	26	8	850
Not employed	476	265	280	94	41	9	13	15	1,193
<i>Not in pharmacy labour force</i>	1,087	497	490	177	97	35	44	30	2,457
<i>Total registered pharmacists</i>	6,668	4,349	3,073	1,556	1,114	440	309	124	17,633
Multiple registrations	474	169	258	39	51	28	52	149	1,220
Total registrations	7,142	4,518	3,331	1,595	1,165	468	361	273	18,853

Source: AIHW Pharmacy Labour Force Survey 1999.

Table A.2: Pharmacy labour force: occupation of main job and sex, states and territories, 1999

Occupation of main job	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Males									
Community (retail)	2,451	1,680	1,271	660	483	177	81	22	6,824
Hospital/clinic	143	200	107	92	59	17	9	7	635
Industrial	50	33	2	—	1	—	—	—	87
Administrator	27	28	14	16	9	4	27	4	130
Teacher/educator	14	14	1	7	5	5	2	—	48
Other	39	36	13	7	2	2	14	—	114
<i>Total employed</i>	<i>2,725</i>	<i>1,991</i>	<i>1,409</i>	<i>782</i>	<i>559</i>	<i>205</i>	<i>132</i>	<i>34</i>	<i>7,837</i>
On extended leave ^(a)	10	24	2	2	1	—	—	2	41
Looking for work in pharmacy	45	42	16	12	10	—	—	2	128
Pharmacy labour force	2,780	2,057	1,427	796	570	205	132	38	8,006
Females									
Community (retail)	1,982	1,169	880	435	307	133	72	26	5,005
Hospital/clinic	509	437	211	97	108	43	32	20	1,458
Industrial	108	49	4	2	3	3	—	—	168
Administrator	18	8	8	5	3	5	14	—	61
Teacher/educator	17	12	6	8	4	3	—	—	50
Other	70	38	14	15	12	7	9	3	169
<i>Total employed</i>	<i>2,705</i>	<i>1,713</i>	<i>1,123</i>	<i>562</i>	<i>437</i>	<i>194</i>	<i>128</i>	<i>50</i>	<i>6,910</i>
On extended leave ^(a)	39	43	19	13	7	3	3	3	129
Looking for work in pharmacy	57	40	15	8	3	3	1	3	131
Pharmacy labour force	2,801	1,796	1,156	584	447	199	132	55	7,170
Persons									
Community (retail)	4,433	2,849	2,150	1,095	790	310	153	48	11,829
Hospital/clinic	652	637	318	189	167	60	41	28	2,093
Industrial	158	82	6	2	4	3	—	—	255
Administrator	46	36	22	20	12	9	42	4	191
Teacher/educator	31	26	8	15	9	8	2	—	98
Other	109	74	27	23	14	9	23	3	282
<i>Total employed</i>	<i>5,430</i>	<i>3,703</i>	<i>2,531</i>	<i>1,344</i>	<i>996</i>	<i>399</i>	<i>260</i>	<i>83</i>	<i>14,747</i>
On extended leave ^(a)	49	67	21	15	8	3	3	5	170
Looking for work in pharmacy	102	83	31	21	13	3	1	5	259
Pharmacy labour force	5,581	3,852	2,583	1,379	1,017	405	264	94	15,176
(per cent)									
Community (retail)	81.6	76.9	84.9	81.5	79.3	77.7	58.8	57.9	80.2
Hospital/clinic	12.0	17.2	12.6	14.1	16.8	15.1	15.9	33.3	14.2
Industrial	2.9	2.2	0.2	0.1	0.4	0.7	—	—	1.7
Administrator	0.8	1.0	0.9	1.5	1.2	2.3	16.0	5.3	1.3
Teacher/educator	0.6	0.7	0.3	1.1	0.9	1.9	0.6	—	0.7
Other	2.0	2.0	1.1	1.7	1.5	2.3	8.7	3.5	1.9
<i>Total employed</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Employed pharmacists	97.3	96.1	98.0	97.4	97.9	98.6	98.5	88.7	97.2
On extended leave ^(a)	0.9	1.7	0.8	1.1	0.8	0.7	1.0	5.7	1.1
Looking for work in pharmacy	1.8	2.1	1.2	1.5	1.3	0.7	0.5	5.7	1.7
Pharmacy labour force	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(continued)

Table A.2 (continued): Pharmacy labour force: occupation of main job and sex, states and territories, 1999

Occupation of main job	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
(females as a percentage of all persons)									
Community (retail)	44.7	41.0	40.9	39.7	38.9	42.9	47.3	54.6	42.3
Hospital/clinic	78.1	68.6	66.2	51.4	64.6	71.3	78.0	73.7	69.6
Industrial	68.3	59.7	62.4	100.0	69.5	100.0	—	—	65.9
Administrator	40.3	22.3	35.6	22.7	22.2	59.2	34.2	—	32.0
Teacher/educator	54.4	46.3	84.7	51.8	46.1	35.2	—	—	51.2
Other	63.9	51.7	52.5	68.3	83.7	73.1	39.8	100.0	59.7
<i>Total employed</i>	<i>49.8</i>	<i>46.2</i>	<i>44.4</i>	<i>41.8</i>	<i>43.8</i>	<i>48.5</i>	<i>49.2</i>	<i>59.7</i>	<i>46.9</i>
On extended leave ^(a)	79.2	64.6	88.9	89.8	86.5	100.0	100.0	53.3	75.8
Looking for work in pharmacy	56.0	48.5	48.3	40.8	26.3	100.0	100.0	53.3	50.6
Pharmacy labour force	50.2	46.6	44.8	42.3	43.9	49.3	49.9	59.0	47.2

(a) On leave for 3 months or more.

Source: AIHW Pharmacy Labour Force Survey 1999.

Table A.3: Employed pharmacists: sex, states and territories, 1994 to 1999

Year	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Males									
1994	2,613	1,906	1,331	734	591	190	n.a.	46	7,406
1995	2,470	1,985	1,349	740	567	188	121	43	7,463
1996	2,668	1,889	1,379	739	565	190	123	43	7,597
1999	2,725	1,991	1,409	782	559	205	132	34	7,837
Females									
1994	2,102	1,621	937	471	371	165	n.a.	41	5,698
1995	2,042	1,771	962	471	391	163	133	30	5,964
1996	2,268	1,698	1,054	485	394	165	143	30	6,237
1999	2,705	1,713	1,123	562	437	194	128	50	6,910
Persons									
1994	4,715	3,527	2,268	1,205	962	355	n.a.	87	13,104
1995	4,512	3,756	2,311	1,211	958	351	254	73	13,427
1996	4,936	3,587	2,433	1,224	959	355	266	73	13,834
1999	5,430	3,704	2,532	1,344	996	399	260	84	14,747
Per cent change 1994 to 1999^(a)									
Males	4.3	4.5	5.9	6.5	-5.4	7.9	9.1	-26.1	5.8
Females	28.7	5.7	19.9	19.3	17.8	17.6	-3.8	22.0	21.3
Persons	15.2	5.0	11.6	11.5	3.5	12.4	2.4	-3.4	12.5

(a) Change is from 1995 to 1999 for the ACT.

Sources: AIHW Pharmacy Labour Force Surveys: 1994, 1995, 1996, 1999.

Table A.4: Employed pharmacists: pharmacy employment trends: age group and sex, 1996 and 1999

Sex	Age (years)						Total
	Under 30	30-34	35-44	45-54	55-64	65 and over	
1996							
Males	718	514	1,427	1,810	2,408	720	7,597
Females	1,338	780	1,846	1,264	842	167	6,237
Persons	2,056	1,294	3,273	3,074	3,250	887	13,834
1999							
Males	672	598	1,447	1,666	2,474	982	7,837
Females	1,312	968	1,908	1,610	908	204	6,910
Persons	1,984	1,566	3,355	3,276	3,382	1,186	14,747
Per cent change 1996 to 1999							
Males	-6.4	16.3	1.4	-8.0	2.7	36.4	3.2
Females	-1.9	24.1	3.4	27.4	7.8	22.2	10.8
Persons	-3.5	21.0	2.5	6.6	4.1	33.7	6.6

Source: AIHW Pharmacy Labour Force Survey 1999.

Table A.5: Employed pharmacists: age, states and territories, 1999

Age (years)/type of pharmacist	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Males									
Under 30	239	199	138	12	40	27	11	3	672
30–34	204	155	113	65	37	10	7	6	598
35–44	406	415	266	193	100	53	21	10	1,447
45–54	492	478	285	207	136	48	32	6	1,666
55–64	981	554	416	232	175	45	48	10	2,474
65 and over	403	189	190	73	71	23	13	—	982
Total	2,725	1,991	1,409	782	559	205	132	34	7,837
Average age									
Community	51.5	48.3	49.8	49.8	50.9	47.4	51.1	45.3	50.1
Hospital/clinic	40.1	39.5	37.4	40.6	37.5	32.8	37.0	38.5	38.9
<i>All pharmacists</i>	<i>51.4</i>	<i>48.3</i>	<i>49.5</i>	<i>49.7</i>	<i>50.6</i>	<i>47.6</i>	<i>50.7</i>	<i>44.9</i>	<i>50.0</i>
Females									
Under 30	502	365	233	29	97	41	17	10	1,312
30–34	337	228	167	120	62	29	19	9	968
35–44	671	464	336	212	122	60	29	15	1,908
45–54	688	385	217	134	110	45	35	6	1,610
55–64	414	231	128	50	39	17	27	9	908
65 and over	93	38	42	17	8	1	1	1	204
Total	2,705	1,713	1,123	562	437	194	128	50	6,910
Average age									
Community	43.2	41.7	41.1	41.3	40.4	40.7	43.2	40.8	42.0
Hospital/clinic	34.6	34.7	33.8	30.3	34.7	34.1	35.2	35.2	34.2
<i>All pharmacists</i>	<i>42.8</i>	<i>41.0</i>	<i>40.8</i>	<i>42.1</i>	<i>40.3</i>	<i>39.7</i>	<i>44.1</i>	<i>40.5</i>	<i>41.7</i>
Persons									
Under 30	742	565	371	41	137	67	29	13	1,984
30–34	541	384	280	185	98	39	26	14	1,565
35–44	1,076	880	603	406	221	113	50	24	3,355
45–54	1,181	863	502	341	246	93	66	11	3,275
55–64	1,394	785	544	281	214	62	75	19	3,382
65 and over	496	227	232	90	80	25	14	1	1,186
Total	5,430	3,703	2,531	1,344	996	399	260	83	14,747
Average age									
Community	48.0	45.4	46.3	46.8	46.7	44.3	47.1	42.8	46.8
Hospital/clinic	35.9	36.1	35.1	34.6	35.7	34.0	35.4	36.6	35.6
All pharmacists	47.3	44.7	45.6	46.7	46.1	43.6	46.9	42.3	46.1
(per cent)									
Under 30	13.7	15.2	14.7	3.1	13.7	16.9	11.0	15.6	13.5
30–34	10.0	10.4	11.1	13.8	9.9	9.8	10.0	17.3	10.6
35–44	19.8	23.8	23.8	30.2	22.2	28.2	19.1	29.3	22.8
45–54	21.7	23.3	19.8	25.4	24.7	23.3	25.5	13.7	22.2
55–64	25.7	21.2	21.5	20.9	21.5	15.6	28.9	22.3	22.9
65 and over	9.1	6.1	9.2	6.7	8.0	6.2	5.5	1.8	8.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Pharmacy Labour Force Survey 1999.

Table A.6: Employed pharmacists: age, geographic area, 1999

Age (years)	Geographic area							Total
	Capital city	Other metropolitan centre	Large rural centre	Small rural centre	Other rural area	Remote centre	Other remote area	
Males								
Under 30	518	49	36	27	36	3	1	672
30–34	450	45	36	36	48	4	4	598
35–44	1,028	89	84	101	153	6	11	1,447
45–54	1,178	107	121	114	165	15	7	1,666
55–64	1,591	198	170	160	289	15	24	2,474
65 and over	548	95	71	65	129	3	6	982
Total	5,314	582	519	503	821	46	54	7,837
Average age	48.9	51.3	51.4	50.8	52.3	50.0	51.5	50.0
Females								
Under 30	1,053	80	73	43	50	14	3	1,312
30–34	764	45	52	39	49	9	6	968
35–44	1,380	131	120	111	147	12	13	1,908
45–54	1,199	106	90	78	124	6	13	1,610
55–64	642	60	48	46	97	—	13	908
65 and over	127	21	12	13	21	—	1	204
Total	5,165	443	395	330	487	40	49	6,910
Average age	41.1	43.0	41.5	43.4	44.9	34.3	46.2	41.7
Persons								
Under 30	1,571	129	110	70	86	17	4	1,984
30–34	1,214	89	89	74	96	13	10	1,565
35–44	2,408	220	203	211	301	17	24	3,355
45–54	2,377	213	211	192	289	21	20	3,275
55–64	2,233	257	218	206	387	15	37	3,382
65 and over	676	116	83	79	149	3	7	1,186
Total	10,479	1,025	914	833	1,308	86	103	14,747
Average age	45.0	47.9	47.3	47.8	49.6	42.8	49.0	46.1
(per cent)								
Under 30	15.0	12.6	12.0	8.4	6.6	20.0	4.2	13.5
30–34	11.6	8.7	9.7	8.9	7.4	14.9	9.7	10.6
35–44	23.0	21.5	22.3	25.4	23.0	19.8	23.6	22.8
45–54	22.7	20.8	23.1	23.0	22.1	24.4	19.5	22.2
55–64	21.3	25.1	23.9	24.8	29.6	17.7	36.0	22.9
65 and over	6.4	11.3	9.1	9.4	11.4	3.2	6.9	8.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: AIHW Pharmacy Labour Force Survey 1999.

Table A.7: Employed pharmacists: occupation of main job, geographic area, 1999

Occupation	Geographic area							Total
	Capital city	Other metropolitan centre	Large rural centre	Small rural centre	Other rural area	Remote centre	Other remote area	
Males								
Community pharmacist	4,486	549	459	457	788	39	47	6,824
Hospital pharmacist	462	30	57	45	29	7	6	635
Other pharmacist	372	1	3	—	1	—	1	378
<i>Total</i>	<i>5,314</i>	<i>582</i>	<i>519</i>	<i>503</i>	<i>821</i>	<i>46</i>	<i>54</i>	<i>7,837</i>
Females								
Community pharmacist	3,571	332	307	279	444	32	39	5,005
Hospital pharmacist	1,146	107	88	54	45	8	8	1,458
Other pharmacist	437	5	1	—	3	—	2	448
<i>Total</i>	<i>5,155</i>	<i>444</i>	<i>397</i>	<i>333</i>	<i>492</i>	<i>41</i>	<i>50</i>	<i>6,910</i>
Persons								
Community pharmacist	8,059	881	765	735	1,232	71	86	11,829
Hospital pharmacist	1,609	138	145	98	73	16	14	2,093
Other pharmacist	810	6	4	—	4	—	3	826
<i>Total</i>	<i>10,479</i>	<i>1,025</i>	<i>914</i>	<i>833</i>	<i>1,308</i>	<i>86</i>	<i>103</i>	<i>14,747</i>
(per cent)								
Community pharmacist	76.9	85.9	83.7	88.2	94.2	82.0	83.7	80.2
Hospital pharmacist	15.4	13.5	15.9	11.8	5.6	18.0	13.6	14.2
Other pharmacist	7.7	0.6	0.4	—	0.3	—	2.7	5.6
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
(females as a percentage of all persons)								
Community pharmacist	44.3	37.7	40.2	37.9	36.1	45.5	45.7	42.3
Hospital pharmacist	71.3	77.6	60.8	54.9	61.8	54.4	60.5	69.6
Other pharmacist	4.2	0.5	0.1	—	0.2	—	1.6	3.0
Total	49.2	43.3	43.4	39.9	37.6	47.1	48.0	46.9

Source: AIHW Pharmacy Labour Force Survey 1999.

Table A.8: Employed pharmacists: total number of hours worked in all jobs, states and territories, 1999

Hours worked per week	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Males									
1-9	125	79	55	36	23	13	4	—	334
10-19	194	110	87	42	28	13	2	1	476
20-29	218	123	73	57	38	11	6	—	526
30-34	135	71	48	45	29	7	11	—	346
35-39	221	160	100	80	67	33	22	10	693
40-49	807	861	470	241	222	67	47	14	2,729
50-59	696	439	418	196	115	42	28	6	1,940
60 and over	330	147	157	85	37	20	13	3	792
Total	2,725	1,991	1,409	782	559	205	132	34	7,837
Average weekly hours	41.8	41.5	43.3	41.6	41.0	40.8	42.6	43.3	41.9
Females									
1-9	190	136	78	79	21	12	8	3	526
10-19	381	306	133	94	56	23	23	3	1,017
20-29	470	276	171	89	62	28	12	3	1,110
30-34	255	145	78	41	30	14	5	4	572
35-39	311	178	130	63	94	46	33	17	872
40-49	710	526	372	121	122	44	29	17	1,942
50-59	274	115	124	56	38	19	16	3	646
60 and over	115	32	37	19	15	7	1	—	225
Total	2,705	1,713	1,123	562	437	194	128	50	6,910
Average weekly hours	33.1	31.1	34.2	30.6	34.7	34.7	33.2	36.2	32.8
Persons									
1-9	314	215	133	114	44	25	12	3	860
10-19	575	416	219	136	83	36	25	4	1,493
20-29	688	399	244	146	100	39	18	3	1,636
30-34	390	216	126	86	58	21	17	4	918
35-39	532	338	230	144	161	78	56	27	1,565
40-49	1,518	1,387	842	362	344	111	76	31	4,671
50-59	970	554	543	253	153	61	44	8	2,587
60 and over	444	179	194	104	52	27	14	3	1,017
Total	5,430	3,703	2,531	1,344	996	399	260	83	14,747
Average weekly hours	37.6	36.5	39.0	38.5	38.3	37.7	37.2	39.1	37.8

Source: AIHW Pharmacy Labour Force Survey 1999.

Table A.9: Employed pharmacists: average hours worked in all jobs, occupation, states and territories, 1999

Occupation	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Males									
Community pharmacist	42.0	41.8	44.0	41.7	41.2	40.8	42.6	46.6	42.3
Hospital pharmacist	40.8	40.0	38.0	40.5	40.1	32.8	37.8	38.7	39.7
Industrial pharmacist	44.3	40.6	52.5	20.0	42.5	—	—	—	43.6
Other pharmacist	41.7	42.6	38.0	42.3	43.3	50.4	45.5	38.0	42.3
<i>Total</i>	<i>41.8</i>	<i>41.5</i>	<i>43.3</i>	<i>41.6</i>	<i>41.0</i>	<i>40.8</i>	<i>42.6</i>	<i>43.3</i>	<i>41.9</i>
Females									
Community pharmacist	32.0	29.6	34.1	30.4	33.9	33.8	31.2	37.2	32.0
Hospital pharmacist	34.6	34.8	34.3	30.2	36.3	38.5	35.2	35.2	34.5
Industrial pharmacist	40.1	38.9	34.3	45.0	75.0	—	—	—	40.0
Other pharmacist	37.9	33.2	35.3	34.2	37.1	35.8	37.9	32.7	35.9
<i>Total</i>	<i>33.1</i>	<i>31.1</i>	<i>34.2</i>	<i>30.6</i>	<i>34.7</i>	<i>34.7</i>	<i>33.2</i>	<i>36.2</i>	<i>32.8</i>
Persons									
Community pharmacist	37.8	36.7	40.0	39.3	38.4	37.7	36.5	40.9	38.2
Hospital pharmacist	36.0	36.2	35.6	34.8	37.7	37.7	35.6	36.8	36.0
Industrial pharmacist	41.5	39.5	43.4	36.7	53.3	—	—	—	41.2
Other pharmacist	39.6	37.5	36.5	38.0	40.5	42.5	41.7	34.0	38.8
Total	37.6	36.5	39.2	38.5	38.3	37.7	37.2	39.1	37.8

Source: AIHW Pharmacy Labour Force Survey 1999.

Table A.10: Employed pharmacists: hours worked in all jobs, 1996 and 1999

Year	Hours worked per week								Total
	1-9	10-19	20-29	30-34	35-39	40-49	50-59	60+	
(number)									
1996	774	1254	1,410	812	1,450	4,538	2,603	992	13,834
1999	860	1,493	1,636	918	1,565	4,671	2,587	1,017	14,747
(per cent)									
1996	5.6	9.1	10.2	5.9	10.5	32.8	18.8	7.2	100.0
1999	5.8	10.1	11.1	6.2	10.6	31.7	17.5	6.9	100.0
(percentage change)									
1996 to 1999	11.1	19.1	16.0	13.1	7.9	2.9	-0.6	2.5	6.6

Table A.11: Employed pharmacists: total hours worked in all jobs, geographic area, 1999

Hours worked per week	Geographic area							Total
	Capital city	Other metropolitan centre	Large rural centre	Small rural centre	Other rural area	Remote centre	Other remote area	
Males								
1-9	197	28	26	13	37	1	—	303
10-19	304	50	25	28	50	3	—	460
20-29	361	48	31	23	43	1	—	508
30-34	255	22	25	25	27	—	—	354
35-39	501	44	43	42	43	4	4	682
40-49	1,883	183	178	188	238	10	22	2,702
50-59	1,248	164	141	132	289	15	19	2,008
60 and over	564	43	50	51	92	11	8	819
Total	5,314	582	519	503	821	46	54	7,837
Average per week	42.1	40.5	42.2	43.3	43.9	47.2	49.7	41.9
Females								
1-9	355	23	24	16	61	6	9	494
10-19	762	54	42	49	83	4	4	999
20-29	825	70	75	71	69	—	1	1,111
30-34	412	51	32	30	42	1	1	569
35-39	671	55	48	45	52	6	4	881
40-49	1,509	124	120	67	116	13	16	1,965
50-59	473	45	39	33	51	7	10	658
60 and over	158	20	15	19	13	3	3	232
Total	5,165	443	395	330	487	40	49	6,910
Average per week	33.0	34.5	34.2	33.4	30.5	37.4	36.1	32.8
Persons								
1-9	551	52	50	30	99	7	9	797
10-19	1,066	104	67	77	134	7	4	1,459
20-29	1,186	118	106	95	112	1	1	1,620
30-34	667	72	57	55	69	1	1	922
35-39	1,172	100	91	87	95	10	8	1,564
40-49	3,393	307	298	255	354	23	38	4,667
50-59	1,722	209	180	164	340	22	29	2,666
60 and over	722	63	65	70	106	14	11	1,052
Total	10,479	1,025	914	833	1,308	86	103	14,747
Average per week	37.7	38.0	38.9	39.6	39.0	42.7	43.5	37.8
(per cent)								
1-9	5.3	5.0	5.5	3.5	7.5	8.3	8.4	5.4
10-19	10.2	10.1	7.3	9.2	10.2	8.2	4.2	9.9
20-29	11.3	11.5	11.6	11.4	8.5	1.6	1.4	11.0
30-34	6.4	7.1	6.2	6.6	5.3	1.7	1.4	6.3
35-39	11.2	9.7	10.0	10.4	7.3	11.5	8.2	10.6
40-49	32.4	29.9	32.6	30.7	27.0	26.3	36.9	31.6
50-59	16.4	20.4	19.6	19.7	26.0	26.1	28.6	18.1
60 and over	6.9	6.2	7.1	8.5	8.1	16.2	10.9	7.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: AIHW Pharmacy Labour Force Survey 1999.

Table A.12: Employed pharmacists: country of birth, states and territories, 1999

Country of birth	Vic	Qld	WA	SA	Tas	ACT	NT	Total
Australia	2,926	1,897	1,021	794	339	195	57	9,483
Overseas:								
NZ	55	66	30	10	6	10	5	247
Other Oceania	—	31	2	—	—	—	—	48
Other	154	—	7	26	2	5	1	251
UK & Ireland	112	125	109	57	41	20	14	618
Other Europe	—	52	30	—	—	—	—	110
Middle East & North Africa	—	20	7	—	—	—	—	36
Asia	363	139	54	90	3	25	3	841
The Americas	—	11	10	—	—	—	—	26
Other Africa	—	17	33	—	—	—	—	59
<i>Total born overseas</i>	<i>683</i>	<i>461</i>	<i>281</i>	<i>183</i>	<i>52</i>	<i>60</i>	<i>24</i>	<i>2,235</i>
Total	3,703	2,531	1,344	996	399	260	83	14,747^(a)
Per cent born overseas	18.5	18.2	20.9	18.4	13.0	23.1	28.6	15.2

(a) Includes 5,430 pharmacists for New South Wales for which country of birth was unavailable.

Source: AIHW Pharmacy Labour Force Survey 1999.

Table A.13: Community pharmacists: classification of main job and sex, states and territories, 1999

Classification	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Males									
Sole proprietor	927	557	429	285	116	78	13	4	2,397
Partner-proprietor	539	439	299	190	123	45	29	6	1,657
Pharmacist-in-charge	506	369	275	75	145	19	15	9	1,429
Permanent assistant	122	145	60	14	25	9	5	1	373
Reliever, regular location	132	74	99	44	28	15	6	1	406
Reliever, various locations	226	96	110	52	45	12	13	—	562
Total	2,451	1,680	1,271	660	483	177	81	22	6,824
Females									
Sole proprietor	314	97	99	69	28	24	7	3	634
Partner-proprietor	269	141	110	62	33	14	6	1	632
Pharmacist-in-charge	759	506	320	140	125	45	26	14	1,938
Permanent assistant	294	247	128	49	49	13	13	3	794
Reliever, regular location	180	130	155	97	45	22	13	3	644
Reliever, various locations	166	48	68	19	27	15	8	4	363
Total	1,982	1,169	880	435	307	133	72	26	5,005
Persons									
Sole proprietor	1,241	654	527	354	144	101	20	6	3,031
Partner-proprietor	808	579	408	252	155	59	35	8	2,289
Pharmacist-in-charge	1,265	875	595	215	271	64	41	23	3,366
Permanent assistant	415	392	188	62	74	21	17	4	1,167
Reliever, regular location	312	204	254	142	73	37	19	4	1,050
Reliever, various locations	393	145	178	71	72	27	21	4	925
Total	4,433	2,849	2,150	1,095	790	310	153	48	11,829
(per cent)									
Sole proprietor	28.0	22.9	24.5	32.3	18.2	32.7	13.0	13.2	25.6
Partner-proprietor	18.2	20.3	19.0	23.0	19.7	19.1	22.6	16.0	19.4
Pharmacist-in-charge	28.5	30.7	27.7	19.6	34.3	20.6	26.8	47.3	28.5
Permanent assistant	9.4	13.8	8.7	5.7	9.4	6.9	11.4	7.9	9.9
Reliever, regular location	7.0	7.2	11.8	12.9	9.2	11.9	12.4	7.9	8.9
Reliever, various locations	8.9	5.1	8.3	6.5	9.2	8.7	13.9	7.8	7.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
(females as a percentage of all persons)									
Sole proprietor	25.3	14.8	18.7	19.5	19.6	23.5	35.1	39.3	20.9
Partner-proprietor	33.3	24.3	26.9	24.5	21.1	23.6	16.1	16.3	27.6
Pharmacist-in-charge	60.0	57.8	53.8	65.1	46.3	70.2	64.6	60.5	57.6
Permanent assistant	70.7	63.0	68.2	77.9	66.4	59.0	72.2	66.1	68.0
Reliever, regular location	57.6	63.7	61.0	68.6	61.1	60.5	66.0	66.1	61.4
Reliever, various locations	42.4	33.5	38.1	26.4	37.3	56.9	39.3	100.0	39.2
Total	44.7	41.0	40.9	39.7	38.9	42.9	47.3	54.6	42.3

Source: AIHW Pharmacy Labour Force Survey 1999.

Table A.14: Community pharmacists: classification, sex, geographic area, 1999

Classification	Geographic area							Total
	Capital city	Other metropolitan centre	Large rural centre	Small rural centre	Other rural area	Remote centre	Other remote area	
Males								
Sole proprietor	1,591	195	128	142	370	23	29	2,397
Partner-proprietor	1,085	118	142	140	202	4	12	1,657
Pharmacist-in-charge	1,049	125	90	86	91	7	4	1,429
Permanent assistant	259	19	34	23	35	1	—	373
Reliever, regular location	244	43	29	34	36	1	—	406
Reliever, various locations	257	48	36	32	53	1	1	562
Total	4,486	549	459	457	788	39	47	6,824
Females								
Sole proprietor	422	53	31	37	86	7	18	634
Partner-proprietor	424	42	48	43	87	—	6	632
Pharmacist-in-charge	1,553	114	94	85	100	12	6	1,938
Permanent assistant	580	51	64	42	60	6	1	794
Reliever, regular location	446	38	42	39	65	7	6	644
Reliever, various locations	147	34	27	34	46	—	3	363
Total	3,571	332	307	279	444	32	39	5,005
Persons								
Sole proprietor	2,013	248	160	179	456	31	47	3,031
Partner-proprietor	1,509	161	190	183	289	4	18	2,289
Pharmacist-in-charge	2,602	239	185	170	191	19	10	3,366
Permanent assistant	838	70	99	64	96	7	1	1,167
Reliever, regular location	690	81	71	73	101	9	6	1,050
Reliever, various locations	404	82	62	66	99	1	4	925
Total	8,057	881	766	736	1,232	71	86	11,829
(per cent)								
Sole proprietor	25.0	28.1	20.9	24.3	37.0	43.4	54.4	25.6
Partner-proprietor	18.7	18.3	24.8	24.9	23.5	5.8	20.7	19.4
Pharmacist-in-charge	32.3	27.2	24.1	23.2	15.5	26.3	11.4	28.5
Permanent assistant	10.4	7.9	12.9	8.8	7.8	10.2	1.7	9.9
Reliever, regular location	8.6	9.2	9.2	9.9	8.2	12.3	6.8	8.9
Reliever, various locations	5.0	9.3	8.2	8.9	8.0	1.9	4.9	7.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
(females as a percentage of all persons)								
Sole proprietor	21.0	21.2	19.7	20.7	18.8	23.8	37.3	20.9
Partner-proprietor	28.1	26.4	25.2	23.5	30.1	0.0	32.6	27.6
Pharmacist-in-charge	59.7	47.7	51.2	49.6	52.4	62.9	59.2	57.6
Permanent assistant	69.1	73.1	65.4	64.4	63.3	80.9	100.0	68.0
Reliever, regular location	64.6	46.9	59.4	52.9	64.0	84.1	100.0	61.4
Reliever, various locations	36.4	41.0	43.2	52.0	46.2	0.0	68.5	39.2
Total	44.3	37.7	40.1	37.9	36.0	45.5	45.7	42.3

Source: AIHW Pharmacy Labour Force Survey 1999.

Table A.15: Community pharmacists: practice location, states and territories, 1999

Location	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
	(number)								
Non-mall shopping centre	3,199	2,252	1,358	529	524	251	100	13	8,258
Mall complex	1,010	447	518	416	231	40	53	34	2,723
Medical centre	210	126	254	142	34	16	—	—	778
Other	14	23	20	8	1	3	—	1	69
Total	4,433	2,849	2,150	1,095	790	310	153	48	11,829
	(per cent)								
Non-mall shopping centre	72.2	79.1	63.2	48.3	66.4	81.0	65.3	27.0	69.5
Mall complex	22.8	15.7	24.1	38.0	29.2	12.8	34.7	70.3	23.2
Medical centre	4.7	4.4	11.8	13.0	4.3	5.3	—	—	6.6
Other	0.3	0.8	0.9	0.7	0.2	1.0	—	2.7	0.6
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: AIHW Pharmacy Labour Force Survey 1999.

Table A.16: Hospital pharmacists: classification of main job, states and territories, 1999

Classification	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Australia
Males									
Director	40	55	23	18	19	—	—	2	159
Deputy director	10	7	6	5	6	—	—	1	38
Senior pharmacist	32	52	13	23	20	—	5	1	140
Specialist pharmacist	23	34	18	11	10	9	2	2	108
Pharmacist	36	50	42	31	4	4	2	1	173
Total	143	200	107	92	59	17	9	7	635
Females									
Director	68	26	13	7	6	2	3	—	125
Deputy director	25	20	11	1	4	2	3	—	65
Senior pharmacist	91	80	33	29	33	11	4	4	285
Specialist pharmacist	187	139	58	19	33	16	16	6	467
Pharmacist	138	172	96	41	31	13	6	11	515
Total	509	437	211	97	108	43	32	20	1,458
Persons									
Director	108	81	36	25	25	2	3	2	285
Deputy director	35	27	17	7	10	2	3	1	104
Senior pharmacist	123	132	46	52	53	11	9	5	425
Specialist pharmacist	210	174	76	30	43	25	18	8	575
Pharmacist	174	222	138	72	36	17	8	12	688
Total	652	637	318	189	167	60	41	28	2,093
(per cent)									
Director	16.5	12.8	11.2	13.1	14.9	3.0	7.1	5.8	13.6
Deputy director	5.3	4.2	5.4	3.4	6.0	3.0	7.1	2.9	4.9
Senior pharmacist	18.9	20.7	14.6	27.8	31.8	17.8	21.6	16.3	20.3
Specialist pharmacist	32.2	27.3	24.0	15.8	25.7	41.1	44.5	28.9	27.5
Pharmacist	26.6	34.8	43.3	38.1	21.5	28.0	19.7	43.1	32.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
(females as a percentage of all persons)									
Director	63.3	32.2	35.8	27.1	24.0	100.0	100.0	—	44.0
Deputy director	70.6	74.0	62.8	17.1	44.6	100.0	100.0	—	63.1
Senior pharmacist	74.1	60.8	72.3	55.4	62.1	100.0	49.2	82.1	67.0
Specialist pharmacist	89.1	80.1	76.0	63.7	76.6	65.1	87.6	69.6	81.3
Pharmacist	79.4	77.5	69.3	57.5	87.6	74.3	72.0	93.2	74.8
Total	78.1	68.6	66.2	51.4	64.6	71.3	78.0	73.7	69.6

Source: AIHW Pharmacy Labour Force Survey 1999.

Table A.17: Temporary migration for employment of pharmacists to and from Australia, 1995–96 to 1999–00

Category/country	1995–96	1996–97	1997–98	1998–99	1999–00
Temporary migration to Australia					
Long-term stay	15	25	29	55	58
Short-term stay	6	12	14	24	24
Total	21	37	43	79	82
Migration to Australia by Australian residents returning after a long-term overseas stay					
Country of long-term stay:					
New Zealand	4	1	2	1	0
United Kingdom and Ireland	45	47	59	39	1
Other Europe	2	6	8	6	72
Middle East/Africa	8	11	9	6	5
Asia	27	17	29	24	13
North/South America	11	13	9	5	31
Other countries	7	4	5	5	11
Total	104	99	121	86	133
Migration of Australian residents from Australia for a long-term overseas stay					
Country of long-term overseas stay:					
United Kingdom and Ireland	7	17	25	32	30
Middle East	3	6	4	5	1
Asia	22	16	18	22	14
Other countries	13	8	15	7	19
Total	45	47	62	66	64
Temporary visitors departing after a long-term stay in Australia					
Country of future residence:					
New Zealand	2	1	3	3	5
United Kingdom and Ireland	3	14	26	14	31
Other Europe	4	2	3	2	4
Asia	11	19	25	29	57
North/South America	1	—	4	5	6
Other countries	1	2	10	7	6
Total	22	38	71	60	109

Note: Long-term movements refer to those involving 12 months or more.

Source: AIHW analysis of DIMIA data.

Table A.18: Permanent migration of pharmacists to and from Australia, 1994–95 to 1999–00

Category/country	1994–95	1995–96	1996–97	1997–98	1998–99	1999–00
Permanent migration of overseas residents to Australia						
Country of previous residence:						
New Zealand	8	12	12	13	23	29
United Kingdom and Ireland	10	20	20	20	16	16
Other Europe	14	13	7	7	6	7
Middle East/Africa	21	23	20	23	27	34
Asia	37	39	33	33	37	52
North/South America	6	8	6	4	7	5
Other countries	1	4	3	1	4	12
Total	97	119	101	101	120	155
Migration from Australia of Australian residents permanently departing						
Country of future residence:						
New Zealand	3	9	6	3	11	12
United Kingdom and Ireland	7	8	8	9	12	9
Other Europe	1	3	1	1	—	5
Middle East/Africa	2	3	1	1	2	2
Asia	2	4	4	2	8	8
North/South America	1	3	4	3	3	10
Other countries	—	1	2	—	2	1
Total	16	31	26	19	38	47

Source: AIHW analysis of DIMIA data.

Table A.19: Australian permanent resident commencing pharmacy students: course level and year of enrolment, Australia, 1991 to 2000

Course level	1991	1992	1993	1994	1995	1996	1997 ^(a)	1998	1999	2000
Undergraduate										
Bachelor honours	—	1	1	4	7	—	3	9	15	13
Bachelor pass	487	462	464	504	561	617	664	690	707	714
<i>Total undergraduate</i>	<i>487</i>	<i>463</i>	<i>465</i>	<i>508</i>	<i>568</i>	<i>617</i>	<i>667</i>	<i>699</i>	<i>722</i>	<i>727</i>
Per cent female	63.0	57.5	61.1	58.3	57.0	60.9	62.1	62.8	62.0	66.1
Postgraduate										
PhD and coursework doctorate	12	21	18	18	17	14	21	17	51	18
MSc—research	11	19	16	10	9	15	7	1	8	4
MSc—coursework	2	2	—	2	5	9	20	27	41	32
PG qualifying	8	4	6	10	4	7	8	3	4	6
PG Diploma (new field)	13	14	18	13	28	24	17	9	9	17
PG Diploma (extends field)	13	24	30	9	31	31	33	29	25	1
Graduate certificate	—	—	—	—	3	4	8	9	9	16
<i>Total postgraduate</i>	<i>59</i>	<i>84</i>	<i>88</i>	<i>62</i>	<i>97</i>	<i>104</i>	<i>114</i>	<i>95</i>	<i>147</i>	<i>94</i>
Per cent female	64.4	66.7	59.1	66.1	68.0	69.2	68.4	68.4	68.7	63.8
Total	546	547	553	570	665	721	781	794	869	821
Per cent female	63.2	58.9	60.8	59.1	58.6	62.1	63.0	63.5	62.9	65.9

(a) Includes New Zealand citizens, which were included with Australian permanent resident students data for 1997.

Source: AIHW analysis of DEST data.

Table A.20: Australian permanent resident commencing pharmacy students: university and course level, Australia, 1992–2000

University	1992	1993	1994	1995	1996	1997^(a)	1998	1999	2000
Undergraduate									
University of Tasmania	17	22	19	28	32	34	35	34	37
Curtin University	77	78	78	85	89	90	107	101	84
NT University	—	—	—	—	—	—	—	—	12
Charles Sturt University	—	—	—	—	—	45	55	55	59
University of Sydney	138	131	146	160	186	163	179	181	172
University of Queensland	83	81	81	121	132	115	130	131	114
La Trobe University	—	—	—	—	—	—	—	—	24
University of South Australia	36	37	42	59	70	65	73	72	65
Monash University	112	116	142	115	107	155	120	148	160
<i>Total undergraduate</i>	<i>463</i>	<i>465</i>	<i>508</i>	<i>568</i>	<i>616</i>	<i>667</i>	<i>699</i>	<i>722</i>	<i>727</i>
Postgraduate									
University of Tasmania	2	1	5	2	6	9	—	—	1
Curtin University	9	15	14	6	7	11	3	13	9
University of Adelaide	—	—	—	—	10	—	17	7	0
University of New South Wales	—	—	—	—	—	8	18	24	33
University of Sydney	21	14	20	8	21	33	18	23	17
University of Queensland	18	16	9	17	17	22	16	11	18
University of South Australia	1	5	6	13	19	—	11	8	1
Monash University	33	37	9	28	12	24	5	55	10
University of Melbourne	—	—	—	23	11	7	7	6	5
<i>Total postgraduate</i>	<i>84</i>	<i>88</i>	<i>63</i>	<i>97</i>	<i>103</i>	<i>114</i>	<i>95</i>	<i>147</i>	<i>94</i>
All students									
University of Tasmania	19	23	24	30	38	43	35	34	38
Curtin University	86	93	92	91	96	101	110	114	93
NT University	—	—	—	—	—	—	—	—	12
Charles Sturt University	—	—	—	—	—	45	55	55	59
University of Adelaide	—	—	—	—	10	—	17	7	—
University of New South Wales	—	—	—	—	—	8	18	24	33
University of Sydney	159	145	166	168	207	196	197	204	189
University of Queensland	101	97	90	138	149	137	146	142	132
La Trobe University	—	—	—	—	—	—	—	—	24
University of South Australia	37	42	48	72	89	65	84	80	66
Monash University	145	153	151	143	119	179	125	203	170
University of Melbourne	—	—	—	23	11	7	7	6	5
Total	547	553	571	665	719	781	794	869	821

(a) Includes New Zealand citizens, who were included with Australian permanent resident students data for 1997.

Source: AIHW analysis of DEST data.

Table A.21: Pharmacy course completions: course level, residency and year of completion, Australia, 1992–2000

Course level	1992	1993	1994	1995	1996 ^(a)	1997	1998	1999	2000
Undergraduate									
Bachelor honours	18	8	22	27	18	22	23	38	31
Bachelor pass	365	414	382	425	496	490	678	195	545
<i>Total undergraduate</i>	<i>383</i>	<i>422</i>	<i>404</i>	<i>452</i>	<i>514</i>	<i>512</i>	<i>701</i>	<i>233</i>	<i>576</i>
Per cent female	64.2	62.6	63.9	62.6	62.6	61.5	60.5	65.2	64.9
Postgraduate									
PhD or coursework doctorate	10	13	12	22	23	9	14	10	23
MSc—research	7	11	9	10	16	5	5	5	6
MSc—coursework	1	—	—	1	1	4	8	11	8
Postgraduate qualifying	6	3	2	7	5	8	4	2	3
PG Diploma (new field)	13	11	10	6	30	22	9	12	9
PG Diploma (extends field)	12	19	24	6	26	26	20	17	19
Graduate certificate	—	—	—	1	—	5	6	8	5
<i>Total postgraduate</i>	<i>49</i>	<i>57</i>	<i>57</i>	<i>53</i>	<i>101</i>	<i>79</i>	<i>66</i>	<i>65</i>	<i>73</i>
Per cent female	65.3	64.9	64.9	67.9	59.4	60.8	66.7	67.7	72.6
Total	432	479	461	505	615	591	767	298	649
Per cent female	64.4	62.8	64.0	63.2	62.1	61.4	61.0	65.8	65.8

(a) Includes New Zealand citizens, which were included with Australian permanent resident students data for 1996.

Source: AIHW analysis of DEST data.

Table A.22: Australian permanent resident students commencing undergraduate pharmacy courses: sex and source geographic area of residence per 100,000 population aged 15–24, 2001

Students	Geographic area of residence							Total
	Capital city	Other metropolitan centre	Large rural centre	Small rural centre	Other rural area	Remote area	Not stated	
Male students	198	32	4	14	8	1	—	257
<i>Per cent</i>	<i>77.0</i>	<i>12.5</i>	<i>1.6</i>	<i>5.4</i>	<i>3.1</i>	<i>0.4</i>	<i>—</i>	<i>100.0</i>
Female students	422	44	3	22	17	—	1	509
<i>Per cent</i>	<i>82.9</i>	<i>8.6</i>	<i>0.6</i>	<i>4.3</i>	<i>3.3</i>	<i>—</i>	<i>0.2</i>	<i>100.0</i>
All students	620	76	7	36	25	1	1	766
<i>Per cent</i>	<i>80.9</i>	<i>9.9</i>	<i>0.9</i>	<i>4.7</i>	<i>3.3</i>	<i>0.1</i>	<i>0.1</i>	<i>100.0</i>
Population aged 15–24 ('000)	1,776.0	208.9	161.2	156.8	289.3	74.6	..	2,666.7
<i>Per cent</i>	<i>66.6</i>	<i>7.8</i>	<i>6.0</i>	<i>5.9</i>	<i>10.9</i>	<i>2.8</i>	<i>..</i>	<i>100.0</i>
Number of students per 100,000 population aged 15–24^(a)	34.9	36.4	4.3	23.0	8.6	1.3	..	28.7

(a) Based on estimated resident population as at 30 June 2001.

Source: AIHW analysis of DEST data; ABS.

Table A.23: All pharmacy students: course level and residency, Australia, 1993 to 2001

Course level	1993	1994	1995	1996	1997^(a)	1998	1999	2000	2001
Australian citizens and permanent resident students									
Undergraduate									
Bachelor honours	10	15	23	15	18	24	35	54	16
Bachelor pass	1,398	1,438	1,542	1,726	1,890	2,069	2,248	2,773	2,352
<i>Total undergraduate</i>	<i>1,408</i>	<i>1,453</i>	<i>1,565</i>	<i>1,741</i>	<i>1,908</i>	<i>2,093</i>	<i>2,283</i>	<i>2,827</i>	<i>2,368</i>
Per cent female	60.2	59.5	59.0	59.3	60.5	61.2	62.1	63.2	64.1
Postgraduate									
PhD and coursework doctorate	67	73	80	75	75	78	87	81	106
MSc—research	40	35	32	31	19	15	23	21	6
MSc—coursework	—	2	6	15	23	51	66	82	65
PG qualifying	12	18	23	17	21	16	13	12	10
PG Diploma (new field)	19	18	34	46	29	15	15	23	11
PG Diploma (extends field)	53	34	43	64	58	55	47	17	25
Graduate certificate	—	—	3	4	9	10	12	20	22
<i>Total postgraduate</i>	<i>191</i>	<i>180</i>	<i>221</i>	<i>252</i>	<i>234</i>	<i>240</i>	<i>263</i>	<i>256</i>	<i>245</i>
Per cent female	61.8	61.7	61.1	62.3	66.7	69.2	69.6	66.8	64.1
Total	1,599	1,633	1,786	1,993	2,142	2,333	2,546	3,083	2,613
Per cent female	60.4	59.7	59.2	59.7	61.2	62.0	62.8	63.5	64.1
Overseas students									
Undergraduate									
Bachelor honours	1	4	7	2	9	2	2	3	—
Bachelor pass	211	231	253	242	235	258	258	348	337
<i>Total undergraduate</i>	<i>212</i>	<i>235</i>	<i>260</i>	<i>244</i>	<i>244</i>	<i>260</i>	<i>260</i>	<i>351</i>	<i>337</i>
Per cent female	69.8	70.2	64.6	68.9	66.8	70.4	70.4	71.2	70.3
Postgraduate									
PhD and coursework doctorate	19	18	15	15	14	11	9	16	25
MSc—research	9	9	6	7	6	8	9	5	13
MSc—coursework	—	3	4	3	2	4	12	24	17
PG qualifying	—	2	5	1	3	—	—	1	—
PG Diploma (new field)	—	—	1	—	1	2	3	3	—
PG Diploma (extends field)	1	1	1	1	2	—	—	1	1
Graduate certificate	—	—	—	—	—	2	—	—	—
<i>Total postgraduate</i>	<i>29</i>	<i>33</i>	<i>32</i>	<i>27</i>	<i>28</i>	<i>27</i>	<i>33</i>	<i>50</i>	<i>56</i>
Per cent female	44.8	48.5	65.6	59.3	57.1	63.0	57.6	50.0	53.6
Total	241	268	292	271	272	287	293	401	393
Per cent female	66.9	67.5	64.7	67.9	65.8	69.7	68.9	68.6	67.9

(continued)

Table A.23 (continued): All pharmacy students: course level and residency, Australia, 1993 to 2001

Course level	1993	1994	1995	1996	1997 ^(a)	1998	1999	2000	2001
All students									
Undergraduate									
Bachelor honours	11	19	30	17	27	26	37	57	16
Bachelor pass	1,609	1,669	1,795	1,968	2,125	2,327	2,506	3,121	2,689
<i>Total undergraduate</i>	<i>1,620</i>	<i>1,688</i>	<i>1,825</i>	<i>1,985</i>	<i>2,152</i>	<i>2,353</i>	<i>2,543</i>	<i>3,178</i>	<i>2,705</i>
Per cent female	69.8	70.2	64.6	68.9	66.8	62.2	62.9	64.1	64.9
Postgraduate									
PhD and coursework doctorate	86	91	95	90	89	89	96	97	131
MSc—research	49	44	38	38	25	23	32	26	19
MSc—coursework	—	5	10	18	25	55	78	106	82
PG qualifying	12	20	28	18	24	16	13	13	10
PG Diploma (new field)	19	18	35	46	30	16	18	26	11
PG Diploma (extends field)	54	35	44	65	60	56	47	18	26
Graduate certificate	—	—	3	4	9	12	12	20	22
<i>Total postgraduate</i>	<i>220</i>	<i>213</i>	<i>253</i>	<i>279</i>	<i>262</i>	<i>267</i>	<i>296</i>	<i>306</i>	<i>301</i>
Per cent female	59.5	59.6	61.7	62	65.7	68.5	68.2	64.1	62.1
Total	1,840	1,901	2,078	2,264	2,414	2,620	2,839	3,484	3,006
Per cent female	61.3	60.8	60.0	60.7	61.7	62.9	63.5	64.1	64.6

(a) Includes New Zealand citizens, who were included with Australian permanent resident students data for 1997.

Source: AIHW analysis of DEST data.

Table A.24: Pharmaceutical Benefits Scheme: prescriptions by significant drug groups, year ending 30 June 2001

Drug group	Volume	Total cost (\$m)	% of total cost	% increase over 1999–00 cost
Serum lipid reducing agents	11,430,524	658.2	17.6	20.7
Antacids, drugs for treatment of peptic ulcers	9,137,387	380.6	10.2	1.8
Agents acting on renin-angiotensin system	14,467,440	414.8	11.1	14.1
Anti-asthmatics	10,124,812	332.6	8.9	10.7
Psychoanaleptics	9,536,194	327.9	8.8	20.5
Anti-inflammatory and antirheumatic products	6,920,237	242.4	6.5	326.7
Psycholeptics	7,834,987	194.5	5.2	20.6
Calcium channel blockers	7,420,001	184.6	4.9	-2.7
Antibacterials for systemic use	11,588,437	174.8	4.7	1.5
Antidiabetic therapy	3,856,089	143.2	3.8	14.3
Antineoplastic agents	321,142	101.3	2.7	51.1
Sex hormones and modulators of the genital system	5,865,528	120.6	3.2	13.1
Analgesics	9,767,898	122.8	3.3	12.9
Endocrine therapy	359,071	85.5	2.3	10.6
Other nervous system drugs	429,777	78.4	2.1	1,279.5
Antiepileptics	1,430,920	82.8	2.2	9.6
Ophthalmologicals	5,499,042	89.5	2.4	11.9
Other groups	32,060,871	830.1	18.2	. .
Total	148,050,357	4,564.7	100.0	19.0

Source: DoHA 2001.

Glossary

Country

The *Australian Standard Classification of Countries for Social Statistics* (ABS 1990) has been used to classify country of birth, and country of previous and future residence for immigration data.

Geographic classification

The *Rural, Remote and Metropolitan Areas Classification* (Department of Primary Industries and Energy & Department of Health and Family Services 1994) has been used to classify the geographic area. The geographic boundaries of these categories are based on the 1991 population census. The classes of geographic area are listed below.

Metropolitan areas

1. *Capital cities* consist of the state and territory capital cities: Sydney, Melbourne, Brisbane, Perth, Adelaide, Hobart, Darwin and Canberra.
2. *Other metropolitan centres* consist of one or more statistical subdivisions that have an urban centre of population of 100,000 or more: Newcastle, Wollongong, Queanbeyan (part of Canberra–Queanbeyan), Geelong, Gold Coast–Tweed Heads, Townsville–Thuringowa.

Rural zone

3. *Large rural centres* are statistical local areas where most of the population reside in urban centres of population of 25,000 to 99,999. These centres are: Albury–Wodonga, Dubbo, Lismore, Orange, Port Macquarie, Tamworth, Wagga Wagga (NSW); Ballarat, Bendigo, Shepparton–Mooroopna (Vic); Bundaberg, Cairns, Mackay, Maroochydore–Mooloolaba, Rockhampton, Toowoomba (Qld); Whyalla (SA); and Launceston (Tas).
4. *Small rural centres* are statistical local areas in rural zones containing urban centres of population between 10,000 and 24,999. These centres are Armidale, Ballina, Bathurst, Broken Hill, Casino, Coffs Harbour, Echuca–Moama, Forster–Tuncurry, Goulburn, Grafton, Griffith, Lithgow, Moree Plains, Muswellbrook, Nowra–Bombaderry, Singleton, Taree (NSW); Bairnsdale, Colac, Echuca–Moama, Horsham, Mildura, Moe–Yallourn, Morwell, Ocean Grove–Barwon Heads, Portland, Sale, Traralgon, Wangaratta, Warrnambool (Vic); Caloundra, Gladstone, Gympie, Hervey Bay, Maryborough, Tewantin–Noosa, Warwick (Qld); Mount Gambier, Murray Bridge, Port Augusta, Port Lincoln, Port Pirie (SA); Albany, Bunbury, Geraldton, Mandurah (WA); and Burnie–Somerset, Devonport (Tas).
5. *Other rural areas* are the remaining statistical areas within the rural zone. Examples are Cowra Shire, Temora Shire, Guyra Shire (NSW); Ararat Shire, Cobram Shire (Vic); Cardwell Shire, Whitsunday Shire (Qld); Barossa, Pinnaroo (SA); Moora Shire, York Shire (WA); George Town, Ross (Tas); and Coomalie, Litchfield (NT).

Remote zone

These are generally less densely populated than rural statistical local areas and are hundreds of kilometres from a major urban centre. Data in this publication are reported for the zone which comprises the two areas shown below.

6. *Remote centres* are statistical local areas in the remote zone containing urban centres of population of 5,000 or more: Blackwater, Bowen, Emerald, Mareeba, Moranbah, Mount Isa, Roma (Qld); Broome, Carnarvon, East Pilbara, Esperance, Kalgoorlie/Boulder, Port Hedland, Karratha (WA); and Alice Springs, Katherine (NT).
7. *Other remote areas* are the remaining areas within the remote zone. Examples are: Balranald, Bourke, Cobar, Lord Howe Island (NSW); French Island, Orbost, Walpeup (Vic); Aurukun, Longreach, Quilpie (Qld); Coober Pedy, Murat Bay, Roxby Downs (SA); Coolgardie, Exmouth, Laverton, Shark Bay (WA); King Island, Strahan (Tas); Daly, Jabiru, Nhulunbuy (NT).

Hours worked

The total number of hours worked per week as reported by responding pharmacists. Excludes time spent on travel between work locations (except travel to call-outs) and unpaid professional and/or voluntary activities. The ABS definition of full-time and part-time work has been used:

- full-time: 35 hours or more per week;
- part-time: less than 35 hours per week.

Occupation

A description of the job function within the field of pharmacy of a person with pharmacist qualifications. The occupations are:

- community pharmacist: a pharmacist mainly involved in the compounding and dispensing of pharmaceuticals in retail outlets;
- hospital and clinic pharmacist: a pharmacist employed in preparing and dispensing pharmaceuticals, drugs and medicines in hospitals or medical clinics;
- industrial pharmacist: a person undertaking research, testing and analysis related to the development, production, storage, quality control and distribution of drugs;
- administrator: a person mainly employed in pharmacy administration;
- teacher/educator: a person teaching or training persons in pharmacy for their initial qualification or in advanced skills after initial qualification;
- other: a job function in pharmacy which is not one of the above.

Pharmacy labour force

Defined for each state and territory as:

- pharmacists employed in pharmacy, including the practice of pharmacy, or work which is principally concerned with the discipline of pharmacy (for example, pharmacy research, administration, or the teaching of pharmacy); plus
- pharmacists not employed in pharmacy but looking for work in pharmacy.

Pharmacists counted as being employed in pharmacy include those on maternity or other extended leave of more than 3 months.

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