

## ***Pharmacy Council of New Zealand Workforce Demographics as at 30 June 2010***

Under the Health Practitioners Competence Assurance (HPCA) Act 2003, practising pharmacists are required to hold an Annual Practising Certificate (APC) regardless of the number of hours they practise each year. As part of the application for an APC, pharmacists must also provide details that enable the Pharmacy Council to assess their fitness to practise and they must be participating in an approved recertification programme. Pharmacists can remain on the Register if they are not practising, however, if they wish to return to practise at any time, they must apply to the Pharmacy Council for an APC. The Pharmacy Council maintains the public register of pharmacists in three sections . ***practising pharmacists, non practising pharmacists*** and ***intern pharmacists***.

*It should be noted that the public register changes regularly.*

Similar workforce demographics will be produced at the same time next year. This will allow the Pharmacy Council to make annual comparisons and monitor workforce trends.

*If you have any workforce queries please do not hesitate to contact us at:*

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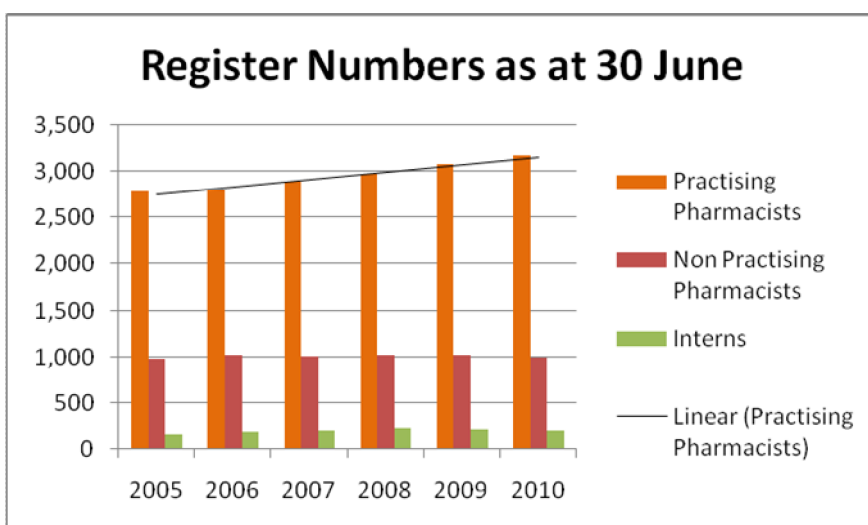
## 1. Total Registrations as at 30 June 2010

<b>Pharmacist Scope of Practice</b> . practising pharmacists	3,180
<b>Pharmacist Scope of Practice</b> . suspended	7
<b>Non Practising Register</b> (pharmacists who have retained registration but do not hold an APC)	1,001
<b>Intern Scope of Practice</b> . practising interns	205
<b>Intern Scope of Practice</b> - suspended	3
<b>TOTAL</b>	<b>4,396</b>

## 2. Register Numbers 2005-2010

As at 30 June 2010, the number of practising pharmacists was 3,180, up 104 (3.4%) from 2009.

<b>Register Numbers as at 30 June</b>						
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Practising Pharmacists	2,787	2,801	2,889	2,978	3,076	3,180
Non Practising Pharmacists	983	1,022	1,011	1,023	1,017	1,001
Interns	168	189	202	234	220	205
<b>TOTAL</b>	<b>3,938</b>	<b>4,012</b>	<b>4,102</b>	<b>4,235</b>	<b>4,313</b>	<b>4,386</b>



<b>Country first registered</b>	<b>Number</b>	<b>%</b>	<b>Number</b>	<b>%</b>
New Zealand			2,756	86.7
Non-REQR <sup>(1)</sup> Countries:				
South Africa	88	(45.4)		
Other	106	(54.6)	194	6.1
REQR <sup>(2)</sup> Countries:				
United Kingdom	166	(91.2)		
Other	16	(8.8)	182	5.7
Australia			48	1.5
<b>TOTAL</b>			<b>3,180</b>	<b>100.0</b>

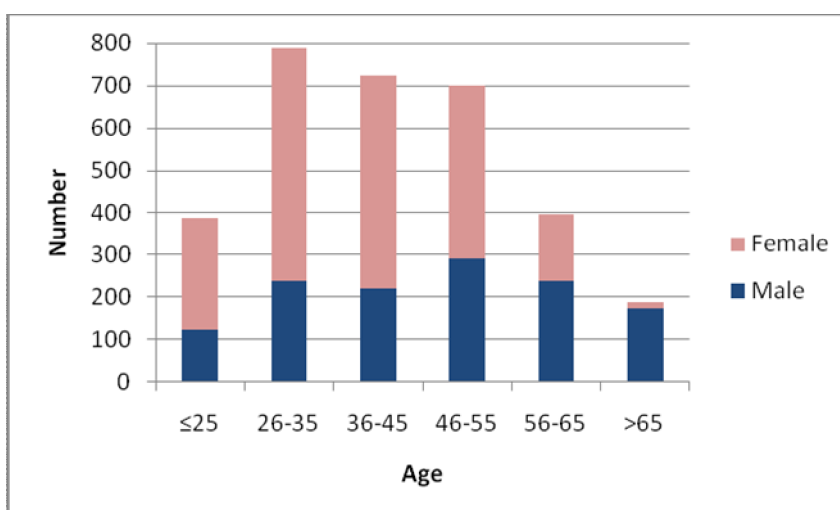
<sup>(1)</sup> Non-REQR (Recognised Equivalent Qualification Route) countries exclude New Zealand, REQR countries and Australia.

<sup>(2)</sup> REQR countries include Canada, Ireland, Northern Ireland, the UK and the USA.

### 3. Demographics of Practising Pharmacists as at 30 June 2010

#### a) Age and Sex

<b>Age</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
≤25	120	267	387
26-35	237	552	789
36-45	218	504	722
46-55	290	410	700
56-65	235	161	396
>65	170	16	186
<b>TOTAL</b>	<b>1,270</b>	<b>1,910</b>	<b>3,180</b>

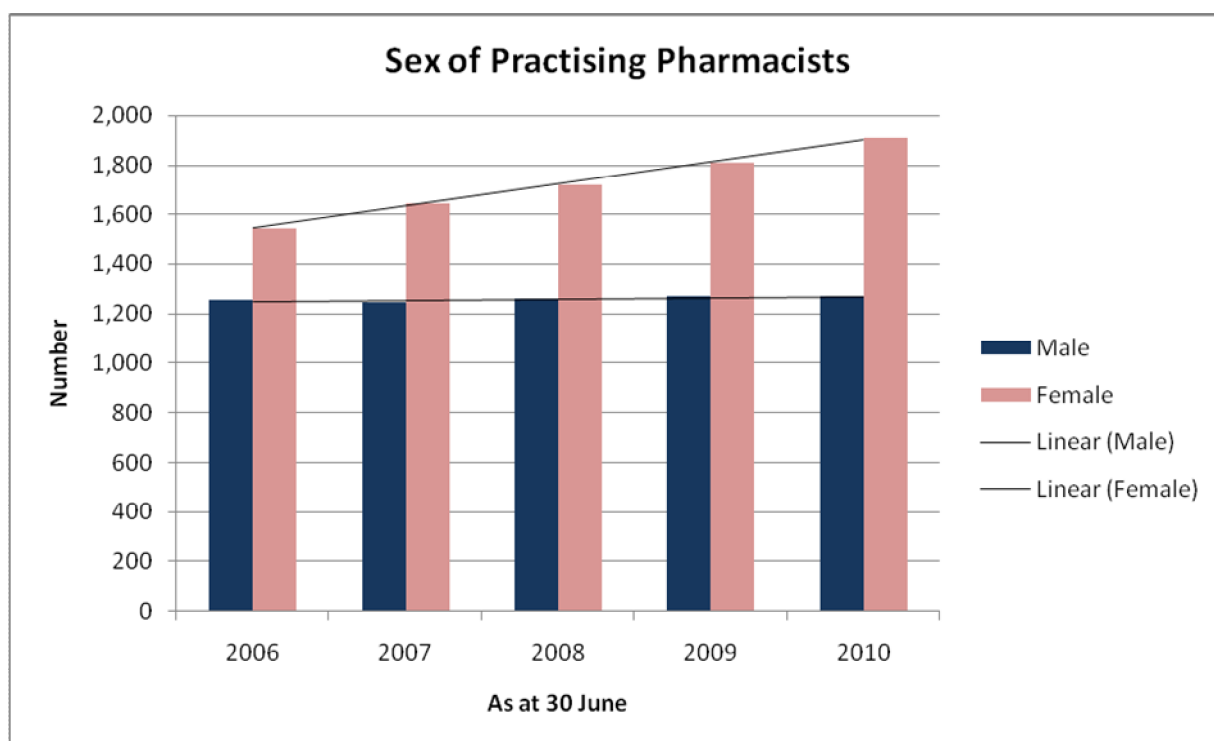


The following table shows the age distribution of practising pharmacists 2006-2010:

Age	2006	% of Total	2007	% of Total	2008	% of Total	2009	% of Total	2010	% of Total
≤25	217	7.7	281	9.7	271	9.1	318	10.3	387	12.2
26-35	579	20.7	607	21.0	666	22.4	737	24.0	789	24.8
36-45	770	27.5	746	25.8	732	24.6	731	23.8	722	22.7
46-55	622	22.2	665	23.0	694	23.3	709	23.0	700	22.0
56-65	398	14.2	356	12.3	379	12.7	370	12.0	396	12.5
>65	215	7.7	234	8.1	236	7.9	211	6.9	186	5.8
<b>TOTAL</b>	<b>2,801</b>	<b>100.0</b>	<b>2,889</b>	<b>100.0</b>	<b>2,978</b>	<b>100.0</b>	<b>3,076</b>	<b>100.0</b>	<b>3,180</b>	<b>100.0</b>

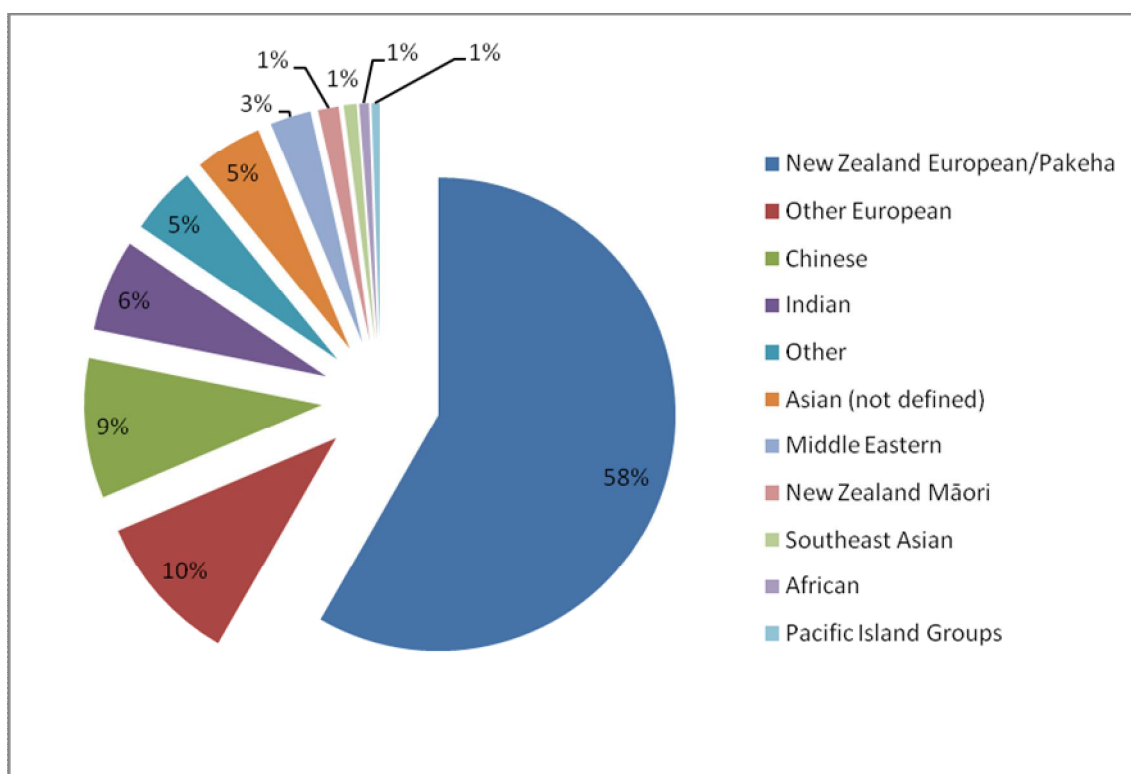
The following table shows the sex distribution of practising pharmacists 2006-2010:

Sex	2006	% of Total	2007	% of Total	2008	% of Total	2009	% of Total	2010	% of Total
Male	1,256	44.8	1,247	43.2	1,260	42.3	1,269	41.3	1,270	39.9
Female	1,545	55.2	1,642	56.8	1,718	57.7	1,807	58.7	1,910	60.1
<b>TOTAL</b>	<b>2,801</b>	<b>100.0</b>	<b>2,889</b>	<b>100.0</b>	<b>2,978</b>	<b>100.0</b>	<b>3,076</b>	<b>100.0</b>	<b>3,180</b>	<b>100.0</b>

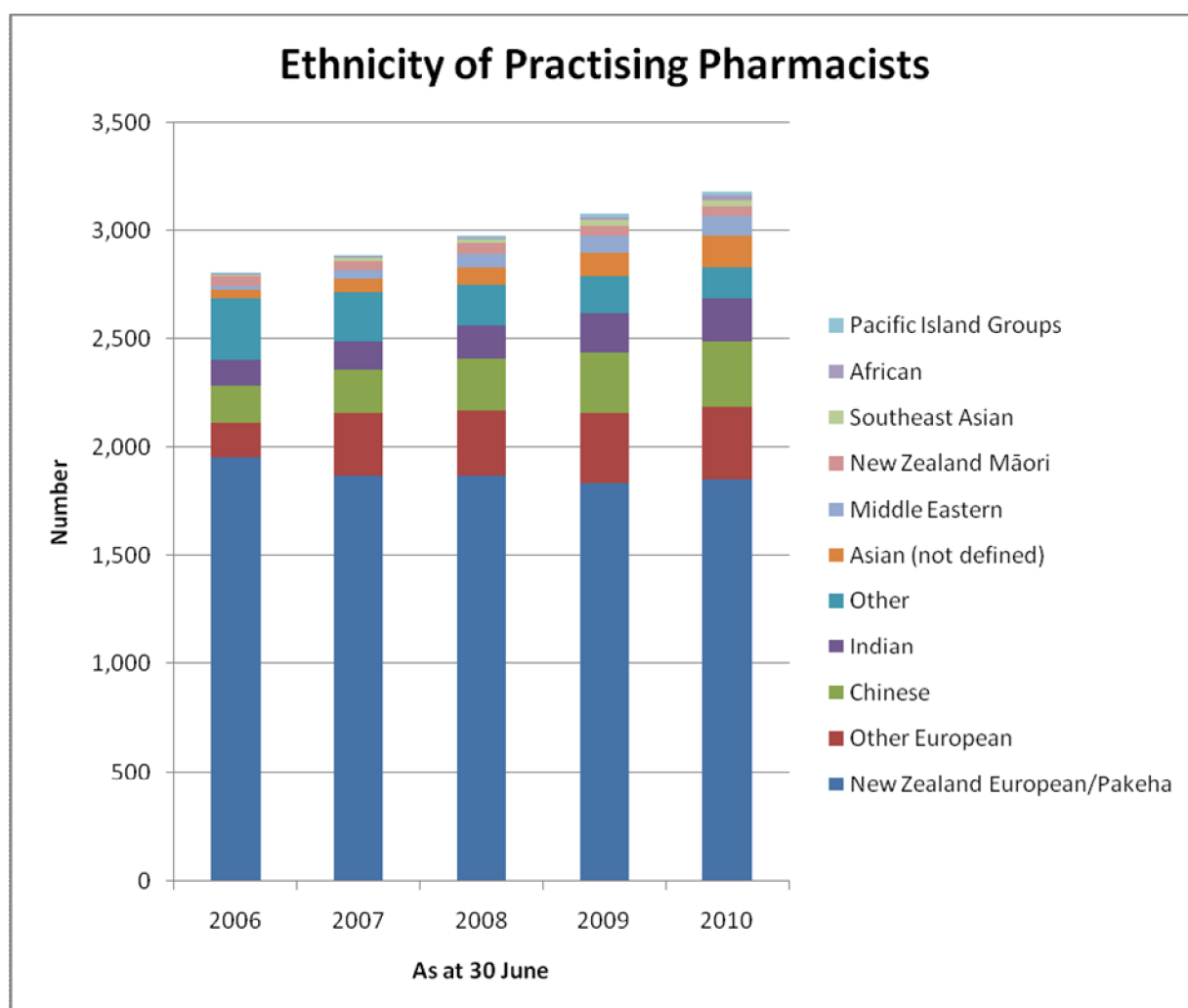


**b) Ethnicity**

<b><i>Ethnicity</i></b>	<b><i>Number</i></b>	<b><i>%</i></b>
New Zealand European/Pakeha	1,854	58.3
Other European	328	10.3
Chinese	304	9.6
Indian	200	6.3
Other	147	4.6
Asian (not defined)	146	4.6
Middle Eastern	89	2.8
New Zealand Māori	45	1.4
Southeast Asian	28	0.9
African	21	0.7
Pacific Island Groups	18	0.6
<b>TOTAL</b>	<b>3,180</b>	<b>100.0</b>

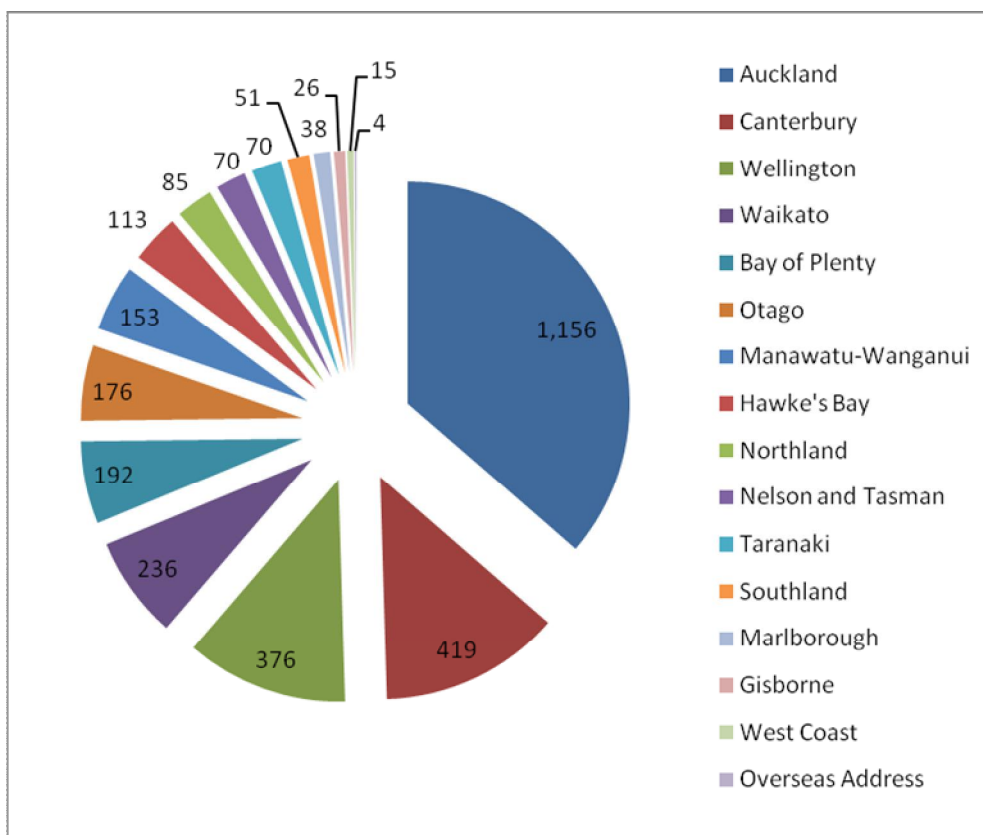


<i><b>Ethnicity</b></i>	<i><b>2006</b></i>	<i><b>% of Total</b></i>	<i><b>2007</b></i>	<i><b>% of Total</b></i>	<i><b>2008</b></i>	<i><b>% of Total</b></i>	<i><b>2009</b></i>	<i><b>% of Total</b></i>	<i><b>2010</b></i>	<i><b>% of Total</b></i>
New Zealand European/Pakeha	1,955	69.8	1,869	64.7	1,868	62.7	1,837	59.7	1,854	58.3
Other European	155	5.5	285	9.9	301	10.1	319	10.4	328	10.3
Chinese	176	6.3	204	7.1	241	8.1	282	9.2	304	9.6
Indian	118	4.2	130	4.5	152	5.1	179	5.8	200	6.3
Other	282	10.1	223	7.7	183	6.1	168	5.5	147	4.6
Asian (not defined)	40	1.4	62	2.1	88	3.0	112	3.6	146	4.6
Middle Eastern	16	0.6	39	1.3	61	2.0	78	2.5	89	2.8
New Zealand Māori	45	1.6	48	1.7	49	1.6	46	1.5	45	1.4
Southeast Asian	5	0.2	16	0.6	18	0.6	27	0.9	28	0.9
African	2	0.1	4	0.1	6	0.2	15	0.5	21	0.7
Pacific Island Groups	7	0.2	9	0.3	11	0.4	13	0.4	18	0.6
<b>TOTAL</b>	<b>2,801</b>	<b>100.0</b>	<b>2,889</b>	<b>100.0</b>	<b>2,978</b>	<b>100.0</b>	<b>3,076</b>	<b>100.0</b>	<b>3,180</b>	<b>100.0</b>



**c) Region**

<b>Regional Council</b>	<b>Number</b>	<b>%</b>
Auckland	1,156	36.4
Canterbury	419	13.2
Wellington	376	11.8
Waikato	236	7.4
Bay of Plenty	192	6.0
Otago	176	5.5
Manawatu-Wanganui	153	4.8
Hawke's Bay	113	3.6
Northland	85	2.7
Nelson and Tasman	70	2.2
Taranaki	70	2.2
Southland	51	1.6
Marlborough	38	1.2
Gisborne	26	0.8
West Coast	15	0.5
Overseas Address	4	0.1
<b>TOTAL</b>	<b>3,180</b>	<b>100.0</b>



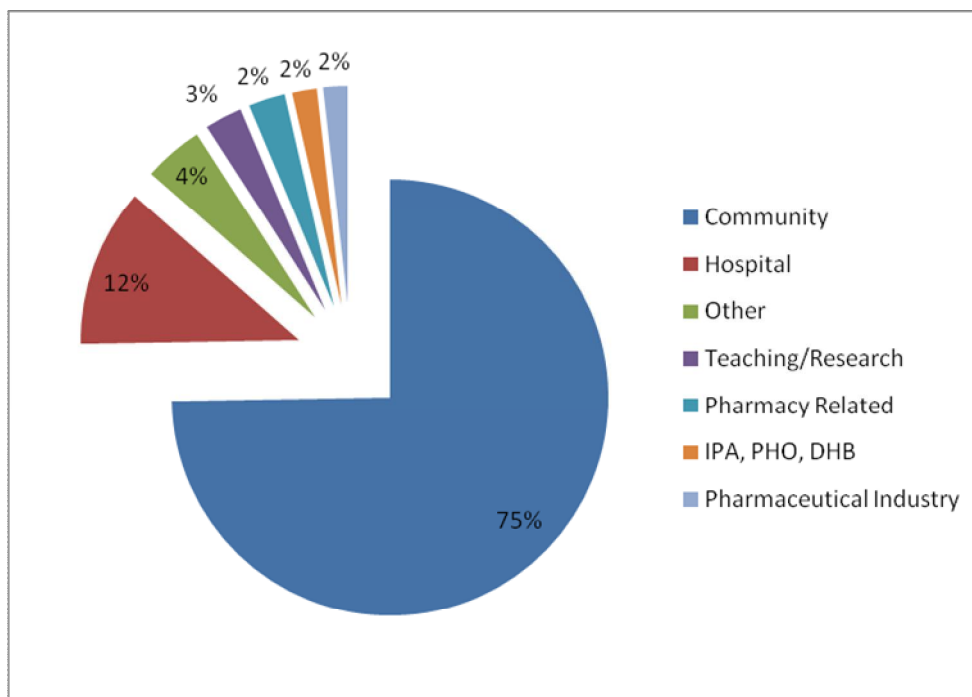


#### d) **Type of Work**

3,086 pharmacists issued with an APC for the year 1 April 2010-31 March 2011 completed the type of work section on the APC renewal form. This represents 97% of the pharmacists on the practising register as at 30 June 2010. The data collected relates to the previous APC year and has been used in this instance to provide an estimate of the number of pharmacists in the different areas of pharmacy employment. The following information was compiled from these responses.

411 of the pharmacists who completed this section of the APC renewal form worked in *two or more* different areas of pharmacy in the previous 12 months.

<b>Type of Work</b>	<b>Number of pharmacists</b>
Community	2,614
Hospital	410
Other	154
Teaching/Research	97
Pharmacy Related	95
IPA, PHO, DHB	64
Pharmaceutical Industry	63
	<hr/>
	3,497
<i>No. worked in 2 or more areas of pharmacy</i>	411
<b>TOTAL RESPONSES</b>	<b>3,086</b>



## e) *Hours/Weeks Worked*

3,086 pharmacists issued with an APC for the year 1 April 2010-31 March 2011 completed the hours/weeks worked section on the APC renewal form. This represents 97% of the pharmacists on the practising register as at 30 June 2010. The data collected relates to the previous APC year and has been used in this instance to provide an estimate of the average hours worked per week and total weeks worked in the last year in each area of pharmacy. Please note that 411 of the pharmacists who completed this section worked in two or more areas of pharmacy bringing the totals for each table to 3,497.

<i>Number of pharmacists by average hours worked per week in the last year in each area of pharmacy</i>								
Hours per week	Community	Hospital	Other	Teaching/ Research	Pharmacy Related	IPA, etc	Pharmaceutical Industry	Total
50+	297	12	6	6	6	3	6	336
40-49	1,111	266	56	11	23	11	36	1,514
30-39	440	29	18	5	10	6	9	517
20-29	333	45	23	15	11	17	4	448
10-19	271	37	17	15	15	6	3	364
<10	162	21	34	45	30	21	5	318
<b>TOTAL</b>	<b>2,614</b>	<b>410</b>	<b>154</b>	<b>97</b>	<b>95</b>	<b>64</b>	<b>63</b>	<b>3,497</b>

<i>Number of pharmacists by weeks worked in the last year in each area of pharmacy</i>								
Weeks per year	Community	Hospital	Other	Teaching/ Research	Pharmacy Related	IPA, etc	Pharmaceutical Industry	Total
40+	2,095	302	90	52	60	43	48	2,690
30-39	136	16	21	5	1	0	1	180
20-29	119	28	6	14	5	2	4	178
10-19	143	33	10	8	8	12	6	220
<10	121	31	27	18	21	7	4	229
<b>TOTAL</b>	<b>2,614</b>	<b>410</b>	<b>154</b>	<b>97</b>	<b>95</b>	<b>64</b>	<b>63</b>	<b>3,497</b>

#### 4. Requests from Australian Registration Boards and Letters of Good Standing

In the 12 months ended 30 June 2010, 79 requests for statements of Good Standing were actioned for pharmacists registering with overseas registration boards. This compares with 94 for the previous year. Requests from Australian registration boards were down 15 (19.2%) from the previous year.

Country	Number
Australia	63
<div> <b>State:</b>  New South Wales 29  Queensland 20  Victoria 7  Northern Territory 2  Tasmania 2  Western Australia 2  Australian Capital Territory 1  <b>Total 63</b> </div>	
Hong Kong	8
Canada	2
Fiji	2
United Kingdom	2
Malaysia	1
United States of America	1
<b>TOTAL</b>	<b>79</b>

## 5. Additions to the Practising Register

225 new registrations were processed in the year ended 30 June 2010, down 21 (8.5%) from the previous year.

### a) *TTMRA & Recognised Equivalent Qualifications Route (REQR)*

25 pharmacists from countries with which we have a legislative arrangement (ie Australia) or have recognised equivalent qualifications (ie Canada, Ireland, Northern Ireland, the UK and the USA) were registered in the year ended 30 June 2010.

<i>Country of First Registration</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>
Australia	13	11	13	4	3
Ireland, Northern Ireland and the UK	53	29	12	20	20
Canada and the USA	0	5	5	2	2
<b>TOTAL</b>	<b>66</b>	<b>45</b>	<b>30</b>	<b>26</b>	<b>25</b>

### b) *Transfers from the Intern Scope of Practice*

193 intern pharmacists transferred from the Intern Scope of Practice in the year ended 30 June 2010. A further 7 interns, previously registered overseas, completed the intern programme and gained registration as a pharmacist through the Pharmacy Council's Non-Recognised Equivalent Qualifications Route.

<i>Country of Qualification</i>			<i>Number of pharmacists</i>
New Zealand			193
	Otago University	106	
	Auckland University	87	
Egypt			2
Hungary			2
Fiji			1
Netherlands			1
South Africa			1
<b>TOTAL</b>			<b>200</b>

### c) *Returns to Practising Register*

119 pharmacists returned to practice in the year ended 30 June 2010. The length of time out of practice is as follows:

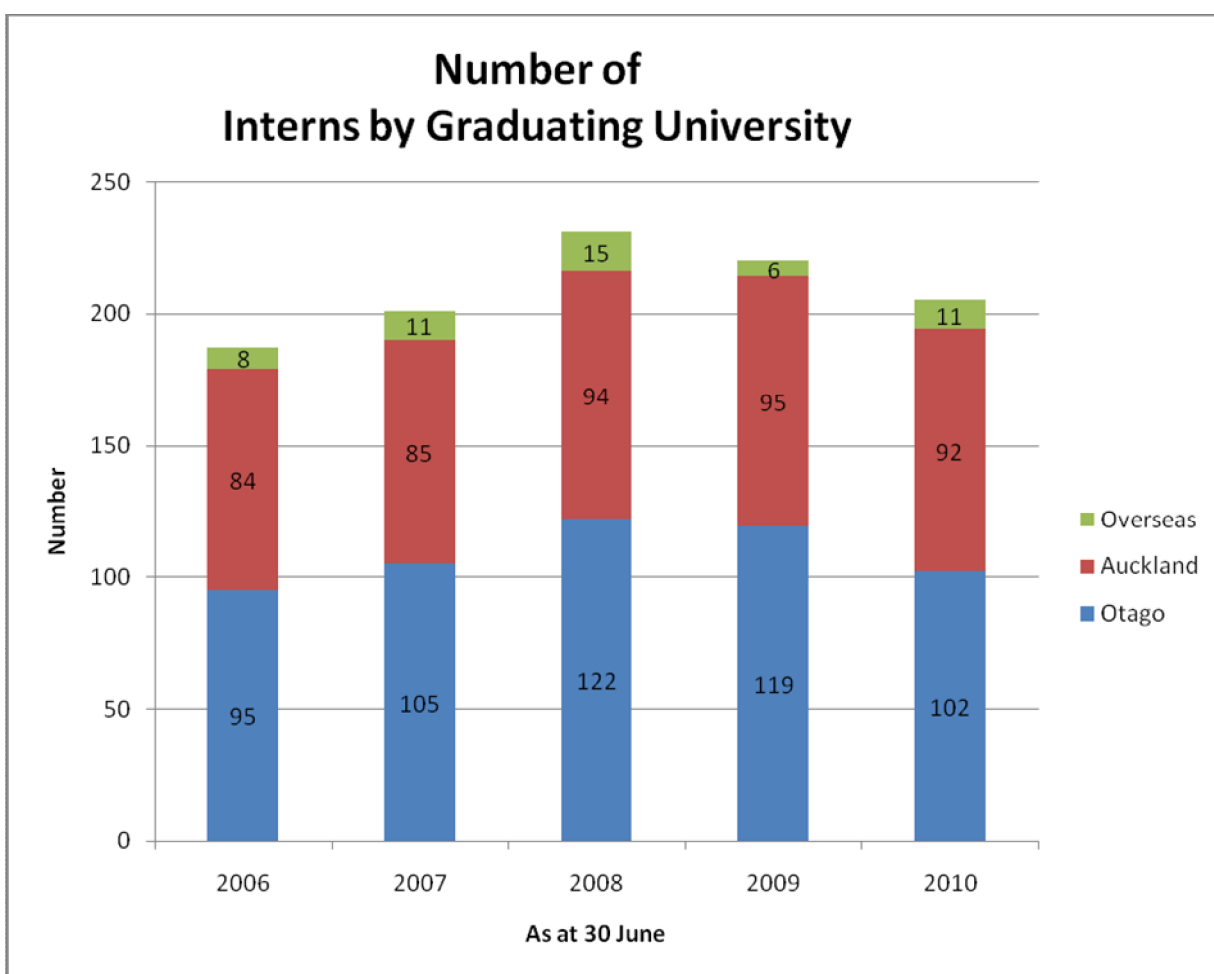
<i>Number of years out of practice</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>
<3	92	101	93
3-8	40	27	25
>8	5	0	1
<b>TOTAL</b>	<b>137</b>	<b>128</b>	<b>119</b>

## 6. Intern Register

205 intern pharmacists held an Annual Practising Certificate in the Intern Scope as at 30 June 2010. Qualifications for those registered in this Scope are as follows:

<i>Number of Interns by University or Country of Degree</i>		
<b>New Zealand and Australian Graduates</b>		195
<b>University:</b>		
Otago	102	
Auckland	92	
Queensland	1	
<b>Overseas (Non-REQR) Graduates</b>		10
<b>Country:</b>		
India	4	
Fiji	1	
Iran	1	
Iraq	1	
Netherlands	1	
Philippines	1	
South Africa	1	
<b>TOTAL</b>		<b>205</b>

<b>Number of Interns by Graduating University</b>					
<b>University</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Otago	95	105	122	119	102
Auckland	84	85	94	95	92
Overseas	8	11	15	6	11
<b>TOTAL</b>	<b>187</b>	<b>201</b>	<b>231</b>	<b>220</b>	<b>205</b>



## 7. Removals from the Register

122 pharmacists were removed from the register in the year ended 30 June 2010, down 49 (28.7%) from the previous year. 5 interns were also removed from the register during the year.

<b>Removals</b>		<b>Number</b>
<b>Practising register</b>		<b>42</b>
Removed at own request s. 142	26	
Revision of Register s. 144 (5)	12	
Deceased s. 143	4	
<b>Non practising register</b>		<b>80</b>
Removed at own request s. 142	31	
Revision of Register s. 144 (5)	47	
Deceased s. 143	2	
		<b>122</b>
<b>Intern register</b>		<b>5</b>
<b>TOTAL</b>		<b>127</b>

## 8. Reason for Not Practising

The 1,001 pharmacists on the Non Practising Register as at 30 June 2010 gave the following reasons for not practising:

<b>Reason for not practising</b>	<b>Number</b>
Overseas - practising	493
Overseas - not practising	129
Parenting/maternity leave	83
Retired	76
Other	72
Working in a non-health role	72
Working in another health profession	46
Full-time study	9
Other unpaid employment	9
Seeking employment in a non-pharmacy profession	8
Seeking employment as a pharmacist	4
<b>TOTAL</b>	<b>1,001</b>

## 9. Register Retention

The following tables indicate register retention for practising pharmacists by registration route:

<i>Average retention rates for overseas pharmacists registered through all routes</i>							
As at 30 June	Total pharmacists first registered overseas (all countries)	Number retained at 1 year	% retained at 1 year	Number retained at 3 years	% retained at 3 years	Number retained at 5 years	% retained at 5 years
2004	41	31	75.6	26	63.4	22	53.7
2005	70	53	75.7	31	44.3	29	41.4
2006	79	59	74.7	29	36.7	-	-
2007	65	54	83.1	32	49.2	-	-
2008	39	34	87.2	-	-	-	-
2009	44	39	88.6	-	-	-	-
2010	34	-	-	-	-	-	-

<i>Average retention rates for pharmacists registered through TTMRA</i>							
As at 30 June	Total pharmacists first registered in Australia	Number retained at 1 year	% retained at 1 year	Number retained at 3 years	% retained at 3 years	Number retained at 5 years	% retained at 5 years
2004	5	2	40.0	2	40.0	0	0.0
2005	7	4	57.1	3	42.9	3	42.9
2006	13	7	53.8	4	30.8	-	-
2007	12	11	91.7	4	33.3	-	-
2008	13	11	84.6	-	-	-	-
2009	6	4	66.7	-	-	-	-
2010	3	-	-	-	-	-	-

<i>Average retention rates for overseas pharmacists registered through REQR route</i>							
As at 30 June	Total pharmacists first registered Canada/Ireland/Northern Ireland/UK/USA	Number retained at 1 year	% retained at 1 year	Number retained at 3 years	% retained at 3 years	Number retained at 5 years	% retained at 5 years
2004	24	19	79.2	13	54.2	13	54.2
2005	42	31	73.8	14	33.3	13	31.0
2006	51	39	76.5	14	27.5	-	-
2007	36	27	75.0	13	36.1	-	-
2008	17	14	82.4	-	-	-	-
2009	20	18	90.0	-	-	-	-
2010	22	-	-	-	-	-	-



<i>Average retention rates for overseas pharmacists registered through Non REQR route</i>							
As at 30 June	Total pharmacists first registered overseas (except Australia/Canada/Ireland/Northern Ireland/UK/USA)	Number retained at 1 year	% retained at 1 year	Number retained at 3 years	% retained at 3 years	Number retained at 5 years	% retained at 5 years
2004	12	10	83.3	11	91.7	9	75.0
2005	21	18	85.7	14	66.7	13	61.9
2006	15	13	86.7	11	73.3	-	-
2007	17	16	94.1	15	88.2	-	-
2008	9	9	100.0	-	-	-	-
2009	18	17	94.4	-	-	-	-
2010	9	-	-	-	-	-	-

<i>Average retention rates for New Zealand qualified pharmacists</i>							
As at 30 June	Total pharmacists first registered in New Zealand	Number retained at 1 year	% retained at 1 year	Number retained at 3 years	% retained at 3 years	Number retained at 5 years	% retained at 5 years
2004	102	95	93.1	52	93.1	48	47.1
2005	148	135	91.2	88	91.2	87	58.8
2006	154	147	95.5	112	95.5	-	-
2007	173	154	89.0	131	89.0	-	-
2008	173	164	94.8	-	-	-	-
2009	202	187	92.6	-	-	-	-
2010	208	-	-	-	-	-	-