

Finance & Resources Committee, 18 June 2013

Registrant numbers forecast 2013-2018

Executive summary and recommendations

Introduction

The Registration numbers Forecast looks to provide information around changes to numbers of registrants over time. Information around assumptions has been included for each section where appropriate after discussion with members of EMT, CDT and then the Chief Executive. Note this has been updated in early April 2013, based on 2012-13 year end data.

This report does not directly calculate income. Income is based around the Registrant numbers forecast, and any significant DH grant.

Decision

The Council/Committee is requested to note the document. No decision is required.

Resource implications

Informs annual departmental work plans.

Financial implications

Informs annual departmental work plans.

Appendices

20130528eQUADCB Projected registrant numbers - 2013-2018.

Date of paper

5 June 2013

Registration Numbers Forecast

Marc Seale, Chief Executive & Registrar
Registration numbers forecast to 2017/8; to
Finance & Resources Committee 18th June 2013



Contents

Key assumptions	3
Number of registrants	4
New professions - transfer of voluntary register	6
New registrations - UK route	8
New registrations - International route	10
New registrations - Grandparenting route	12
Grandparenting key assumptions	14
Removed	16
Readmissions	18
Removed registrants less readmissions	20
Key	22

Key assumptions

The baseline can be readjusted when each current year end figures are finalised. (This should be a small amount).
Only 5% projected to be "Removed" every two years at the time of renewal. Intermediate removal continues at same rate.
Public Health Specialists will be added in 2015/6 following a government announcement in early 2012

Output from UK approved courses

UK graduate numbers go down by as much as 14% in 2013-14 Financial Year (assume 2009-10 programmes continue to end of 3 year course)
This will result in a progressive decrease in numbers through the UK route for an as yet undefined period from 2 years forward.
This may be a single, one off downward step rather than an ongoing trend of decreases?

Currently includes 4% drop each year on UK registrations

International route registrations

Adjust to include latest actual trends, so 1500 in current year, with projected drop off in future years as projected

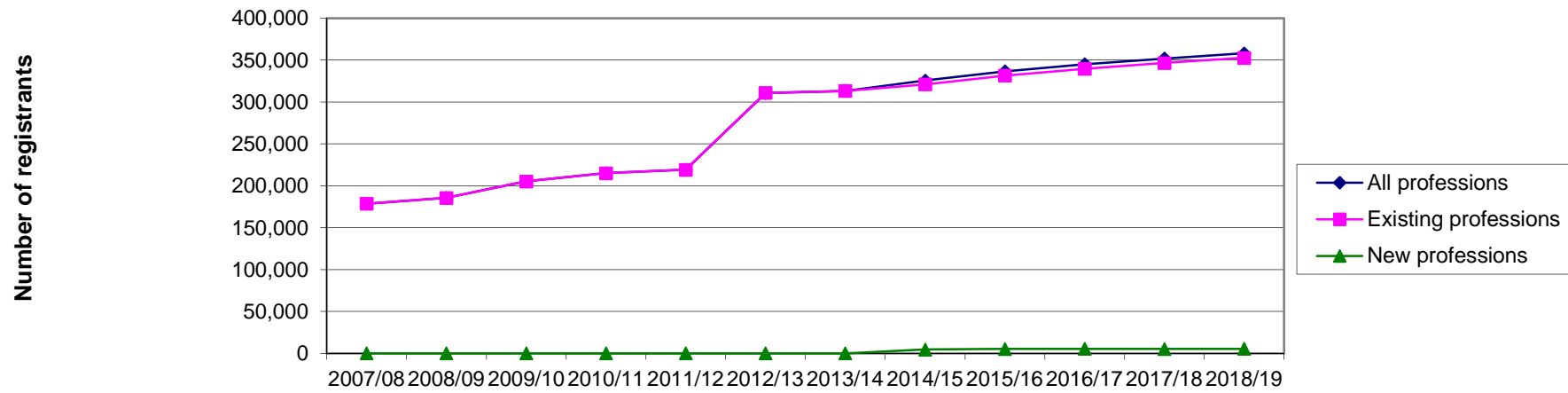
* Herbal Practitioners are being added to the model although the exact model of regulation (licensing) is yet to be determined

Care workers

Not included in forecast as no decision by government on type of regulation to be implemented

Number of registrants

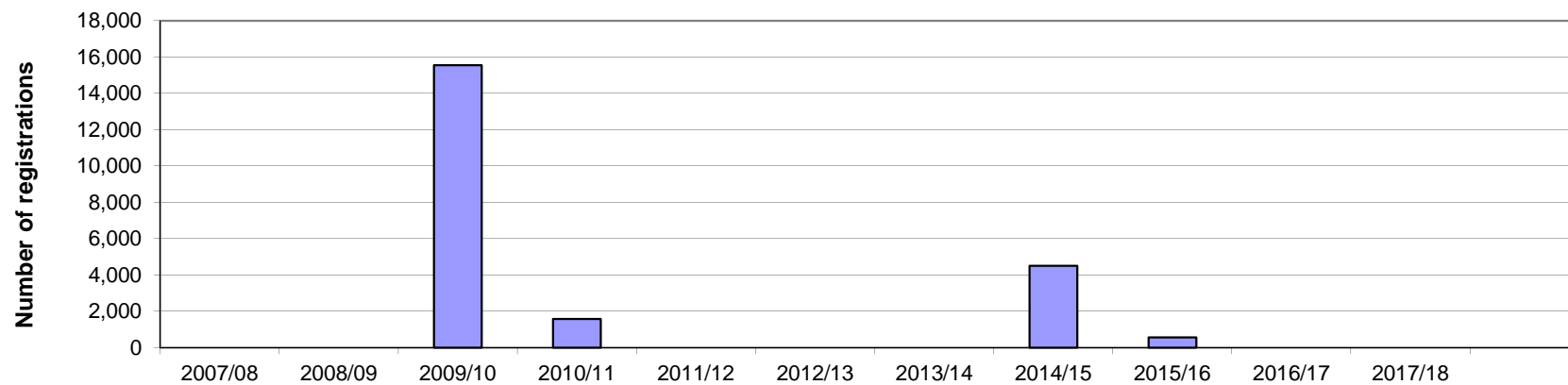
	Actual 2007/08	Actual 2008/09	Actual 2009/10	Actual 2010/11	Actual 2011/12	Actual 2012/13	Year 0 Budget 2013/14	Year 1 Forecast 2014/15	Year 2 Forecast 2015/16	Year 3 Forecast 2016/17	Year 4 Forecast 2017/18	Year 5 Forecast 2018/19
Existing professions												
AS	2,509	2,576	2,785	2,899	3,121	3,185	3,332	3,537	3,685	3,865	3,985	4,142
BS	21,560	22,381	21,894	22,627	21,886	22,402	21,882	22,130	22,608	22,759	23,154	23,222
CH	13,055	12,581	12,897	12,734	13,005	12,754	12,562	12,744	12,749	12,900	12,874	12,998
CS	4,183	4,405	4,444	4,621	4,665	4,847	4,792	4,899	5,053	5,132	5,263	5,317
DT	6,663	6,700	7,160	7,322	7,782	7,890	8,160	8,536	8,777	9,098	9,279	9,551
HAD	-	-	-	1,587	1,722	1,806	2,012	2,215	2,382	2,469	2,578	2,648
OT	28,107	30,122	30,351	32,126	31,946	33,717	33,599	34,507	35,737	36,426	37,478	37,977
ODP	9,458	9,587	10,085	10,313	10,929	11,246	11,643	12,113	12,402	12,814	13,039	13,399
OR	1,239	1,278	1,260	1,303	1,286	1,329	1,306	1,326	1,361	1,376	1,406	1,416
PA	13,703	15,019	15,766	16,782	17,913	19,373	19,811	20,774	21,913	22,707	23,709	24,351
PH	42,490	42,676	44,651	45,002	46,516	46,842	47,583	49,287	51,455	52,860	53,474	54,636
PO	832	877	869	901	893	936	933	960	995	1,016	1,046	1,061
PYL	-	-	15,583	17,165	17,845	19,341	19,371	20,016	20,843	20,899	21,187	21,181
RA	23,541	25,318	25,195	26,615	26,480	27,820	27,717	28,420	29,390	29,915	30,739	31,109
SL	11,375	12,169	12,371	13,086	13,173	14,033	14,110	14,609	15,236	15,624	16,161	16,454
SW	-	-	-	-	-	83,421	84,500	85,000	86,902	89,840	91,216	93,335
Total	178,715	185,689	205,311	215,083	219,162	310,942	313,312	321,072	331,489	339,700	346,589	352,796
Herbal Practitioners								4,500	4,610	4,740	4,568	4,499
PHS									570	690	756	847
Total New								4,500	5,180	5,430	5,324	5,346
Grand total	178,715	185,689	205,311	215,083	219,162	310,942	313,312	325,572	336,669	345,130	351,913	358,143



Key assumption: All figures relate to 31st March, Year End.

New professions - transfer of voluntary or existing register

	Actual 2007/08	Actual 2008/09	Actual 2009/10	Actual 2010/11	Actual 2011/12	Actual 2012/13	Year 0 Budget 2013/14	Year 1 Forecast 2014/15	Year 2 Forecast 2015/16	Year 3 Forecast 2016/17	Year 4 Forecast 2017/18	Year 5 Forecast 2018/19
HAD	-	-	-	1,573	-	-	-	-	-	-	-	-
PYL	-	-	15,552	-	-	-	-	-	-	-	-	-
SW						84,000	-	-	-	-	-	-
PHS								570	0			-
Herbal Practitioners							-	4,500	0	0	0	0
Total	0	0	15,552	1,573	0	*88059	0	4,500	570	0	0	0



*84,000 Social workers were budgeted to be transferred. However, 88,059 records were received from the GSCC.
Of the 88,059 that were transferred, 8425 chose not to renew, leaving a projected total of 84,000 by the end of the financial year.

Key assumptions

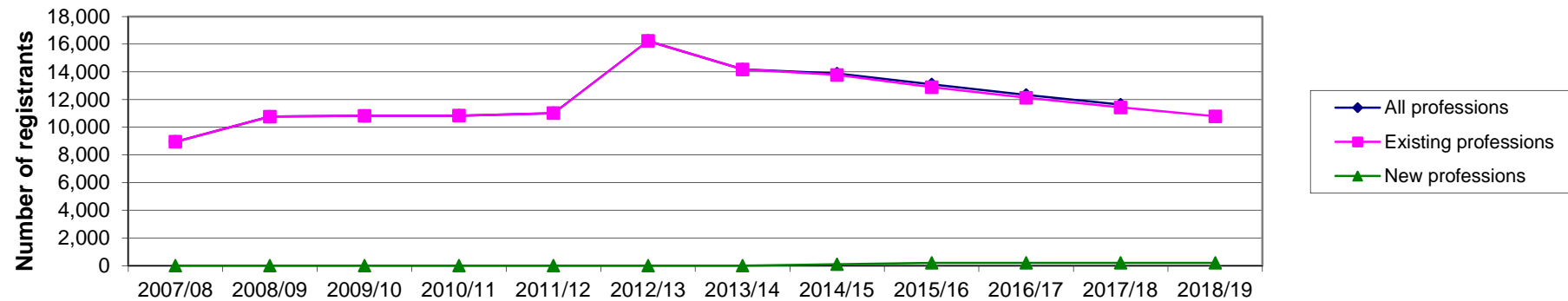
- 15,553 applied psychologists on the Register since it opened 1 July 2009 (September 2009 figures) Completed
- 1,564 hearing aid dispensers transfer from the Hearing Aid Council (Source: Hearing Aid Council). Completed
- 4,500 Practitioners of herbal medicine, traditional chinese medicine and other traditional medicine systems from voluntary registers (estimate). **To be in Licenced regulation**
- 88,059 Social Workers transfer to HPC registration from GSCC Summer 2012 Completed
- Public Health Specialists to be regulated by HCPC following government announcement February 2012 to move profession from the UK Public Health Register. Appro

New registrations - UK route

14%drop 4% drop 4%drop 4%drop 4%drop

	Actual 2007/08	Actual 2008/09	Actual 2009/10	Actual 2010/11	Actual 2011/12	Actual 2012/13	Year 0 Budget 2013/14	Year 1 Forecast 2014/15	Year 2 Forecast 2015/16	Year 3 Forecast 2016/17	Year 4 Forecast 2017/18	Year 5 Forecast 2018/19	
Existing professions	AS	169	215	208	248	251	271	233	224	215	206	198	190
	BS	677	770	765	800	752	746	642	616	591	568	545	523
	CH	403	430	388	406	369	376	323	310	298	286	275	264
	CS	167	275	235	228	271	224	193	185	178	170	164	157
	DT	364	434	428	442	420	444	382	367	352	338	324	311
	HAD	-	-	-	73	151	227	195	187	140	134	129	124
	OT	1,557	1,867	1,724	1,660	1,573	1,742	1,498	1,438	1,381	1,325	1,272	1,222
	ODP	580	604	498	611	674	715	615	590	567	544	522	501
	OR	44	53	45	49	41	61	52	50	48	46	45	43
	PA	901	1,505	1,127	1,148	1,529	1,668	1,434	1,377	1,322	1,269	1,218	1,170
	PH	2,282	2,446	2,170	1,947	1,803	1,937	1,666	1,599	1,535	1,474	1,415	1,358
	PO	34	48	35	36	32	51	44	42	40	39	37	36
	PYL	-	-	1,225	1,274	1,224	1,202	1,034	992	500	480	461	442
	RA	1,110	1,316	1,221	1,193	1,201	1,343	1,155	1,109	1,064	1,022	981	942
	SL	658	807	757	723	725	831	715	686	659	632	607	583
	SW	-	-	-	-	-	4,395	4,000	4,000	4,000	3,600	3,240	2,916
	Total	8,946	10,770	10,826	10,838	11,016	16,233	14,181	13,773	12,890	12,134	11,433	10,781
Herbal Practitioners								100	100	100	100	100	
PHS									100	100	100	100	
Total New	0	0	0	0	0	0	0	100	200	200	200	200	
Grand total	8,946	10,770	10,826	10,838	11,016	16,233	14,181	13,873	13,090	12,334	11,633	10,981	

Possible 10% drop in UK output of SW after 2016/17



Key assumptions

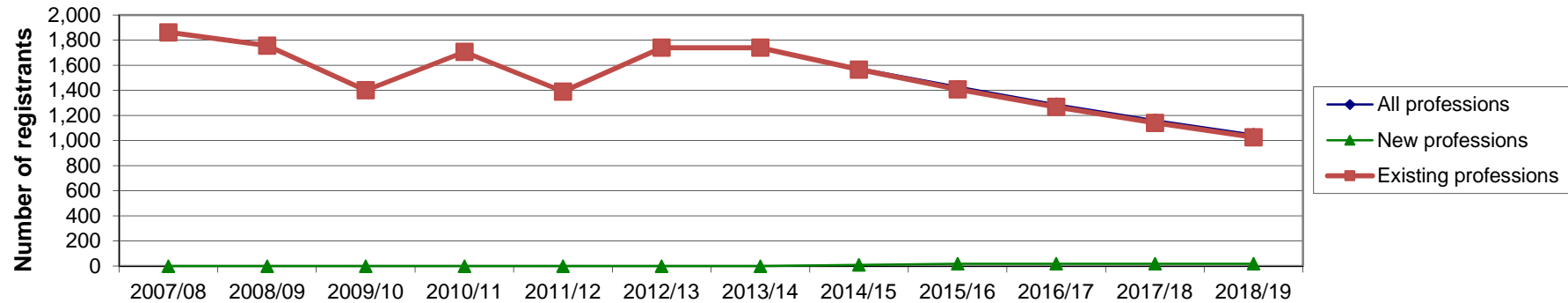
- Assumptions (excluding SW professions) 2010/11 to 2014/15: 4% fall p/a.
-
- 140 hearing aid dispensers registered per year
- Figures for all other new professions are estimated.
- Assume 4450 new graduates based on GSCC data

- Herbal Practitioner License, initial research suggests 100 per year, however this data cannot be validated.
-
- Social Work students graduating will fall by 10% starting 2016/17
- All social work programmes in England are reapproved

Reset to
 actuals 10% drop 10% drop 10% drop 10% drop
 from from from from from
 previous previous previous previous previous
 year year year year year

New registrations - International route

	Actual 2007/08	Actual 2008/09	Actual 2009/10	Actual 2010/11	Actual 2011/12	Actual 2012/13	Year 0 Budget 2013/14	Year 1 Forecast 2014/15	Year 2 Forecast 2015/16	Year 3 Forecast 2016/17	Year 4 Forecast 2017/18	Year 5 Forecast 2018/19
Existing professions												
AS	8	6	4	15	10	14	14	13	11	10	9	8
BS	231	236	170	202	122	154	154	139	125	112	101	91
CH	39	27	14	18	14	15	15	14	12	11	10	9
CS	30	28	22	25	25	34	34	31	28	25	22	20
DT	94	97	84	88	78	97	97	87	79	71	64	57
HAD	-	-	-	5	5	8	8	7	6	6	5	5
OT	302	283	258	289	217	249	249	224	202	182	163	147
ODP	5	2	4	3	3	1	1	1	1	1	1	1
OR	4	3	1	1	2	1	1	1	1	1	1	1
PA	14	22	24	25	20	24	24	22	19	17	16	14
PH	567	608	472	501	464	633	633	570	513	461	415	374
PO	6	3	1	6	7	6	6	5	5	4	4	4
PYL	-	-	37	127	91	95	95	86	77	69	62	56
RA	428	336	200	270	216	241	241	217	195	176	158	142
SL	134	105	110	130	116	137	137	123	111	100	90	81
SW						30	30	27	24	22	20	18
Total	1,862	1,756	1,401	1,705	1,390	1,739	1,739	1,565	1,409	1,268	1,141	1,027
Herbal Practitioners								10	10	10	10	10
PHS									10	10	10	10
Total New	0	0	0	0	0	0	0	10	20	20	20	20
Grand total	1,862	1,756	1,401	1,705	1,390	1,739	1,739	1,575	1,429	1,288	1,161	1,047



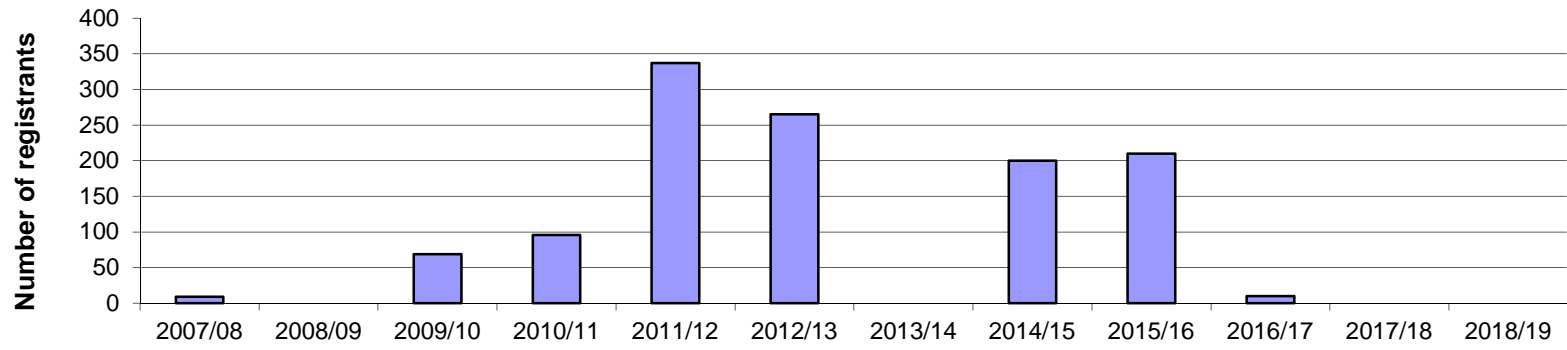
Key assumptions

- Assume 10% drop in new International registrants per year. Reset after each set of actuals are published.
- 10 international registrations per year for hearing aid dispensers (Source: Hearing Aid Council).
- Figures for psychologists is an average figure based on information from the BPS and a 90% success rate for applications.
- Figures for other new professions are estimated.
- Social Workers - assume initially low take up due to poor employment opps initially - 50 per year
- Public Health Specialists international route quantities unknown
- License model for Herbal & Chinese medicine practitioners, perhaps 10 per year initially

New registrations - Grandparenting route

	Actual 2007/08	Actual 2008/09	Actual 2009/10	Actual 2010/11	Actual 2011/12	Actual 2012/13	Year 0 Budget 2013/14	Year 1 Forecast 2014/15	Year 2 Forecast 2015/16	Year 3 Forecast 2016/17	Year 4 Forecast 2017/18	Year 5 Forecast 2018/19
Existing professions	AS	-	-	-	-	-	-	-	-	-	-	-
	BS	2	-	-	-	-	-	-	-	-	-	-
	CH	1	-	-	-	-	-	-	-	-	-	-
	CS	2	-	-	-	-	-	-	-	-	-	-
	DT	-	-	-	-	-	-	-	-	-	-	-
	HAD	-	-	-	-	-	-	-	-	-	-	-
	OT	-	-	-	-	-	-	-	-	-	-	-
	ODP	-	-	-	-	-	-	-	-	-	-	-
	OR	-	-	-	-	-	-	-	-	-	-	-
	PA	2	-	-	-	-	-	-	-	-	-	-
	PH	2	-	-	-	-	-	-	-	-	-	-
	PO	-	-	-	-	-	-	-	-	-	-	-
	PYL	-	-	69	96	337	265	0	-	-	-	-
	RA	-	-	-	-	-	-	-	-	-	-	-
	SL	-	-	-	-	-	-	-	-	-	-	-
	SW	-	-	-	-	-	-	-	-	-	-	-
Total	9	0	69	96	337	265	0	0	0	0	0	
Herbal Practitioners								200	200	0	0	0
PHS									10	10	0	0
Total New	0	0	0	0	0	0	0	200	210	10	0	0
Grand total	9	0	69	96	337	265	0	200	210	10	0	0

Updated



Grandparenting key assumptions

Psychologists

- 3 year grandparenting period.
- 1,500 applications during grandparenting.
- 90% success rate (1350 succesful applications).
- 50% of successful applications received in the first two years and evenly distributed.
- 50% of successful applications received in the last year - half of successful applicants registered in that year, half in the following financial year.
- These figures are estimated.
- Some Psychologists are applying via GP to join additional divisions. Application fee is earned but numbers of registrations does not increase.
Route closed to new applications

Social Workers

Profession already regulated - therefore no grandparenting

Public Health Specialists

Currently assumed very small quantity - no current reliable data

Herbal Practitioners

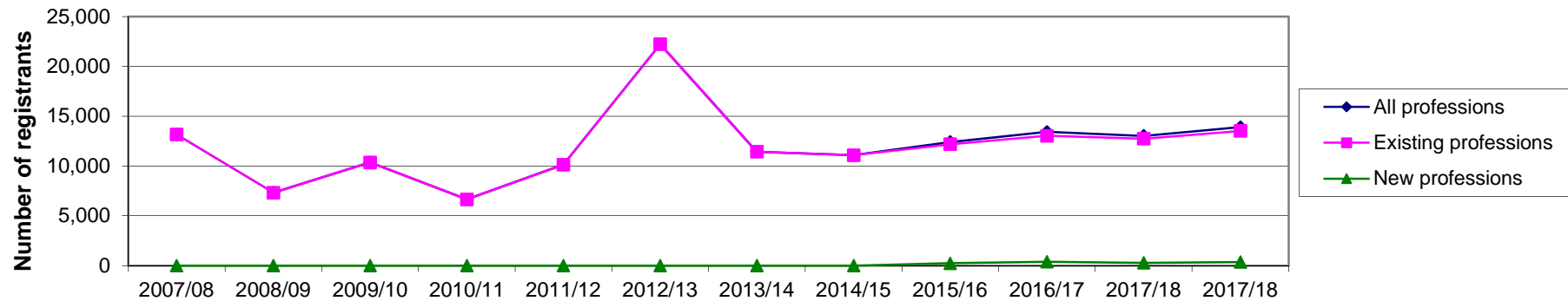
- Unknown if grandparenting is required in licensing model
Assuming 200 Herbal Practitioners become registered on the voluntary register per year
Regular two year grandparenting period assumed.

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End of cycle removal

	Actual 2007/08	Actual 2008/09	Actual 2009/10	Actual 2010/11	Actual 2011/12	Actual 2012/13	Year 0 Budget 2013/14	Year 1 Forecast 2014/15	Year 2 Forecast 2015/16	Year 3 Forecast 2016/17	Year 4 Forecast 2017/18	Year 5 Forecast 2017/18	
Existing professions	AS	52	151	39	209	78	83	177	92	193	100	207	
	BS	2,457	577	1,612	404	1,106	1,456	1,094	553	1,130	569	1,158	581
	CH	153	821	174	800	325	742	314	637	319	645	322	650
	CS	407	98	235	80	166	315	240	122	253	128	263	133
	DT	68	401	92	445	195	370	204	427	219	455	232	478
	HAD	-	-	-	67	67	82	50	55	119	62	129	66
	OT	3,246	744	2,232	431	1,813	2,192	1,680	863	1,787	911	1,874	949
	ODP	97	553	138	645	273	319	291	606	310	641	326	670
	OR	146	32	87	16	49	86	65	33	68	34	70	35
	PA	1,084	338	572	214	336	1,259	991	519	1,096	568	1,185	609
	PH	1,158	2,637	958	2,686	2,686	2,415	1,190	1,232	1,286	2,643	1,337	2,732
	PO	112	22	50	14	47	61	47	24	50	25	52	27
	PYL	-	-	1,541	87	1,117	1,542	969	500	1,042	522	1,059	530
	RA	3,044	642	1,852	339	1,198	1,808	1,386	710	1,470	748	1,537	778
	SL	1,133	296	771	207	674	912	705	365	762	391	808	411
	SW						8,425	2,113	4,250	2,173	4,492	2,280	4,667
Total	13,157	7,312	10,353	6,644	10,130	22,216	11,421	11,075	12,175	13,027	12,733	13,521	
Herbal Practitioners							0	0	231	332	228	315	
PHS										54	54	50	
Total New	0	0	0	0	0	0	0	0	231	386	282	365	
Grand total	13,157	7,312	10,353	6,644	10,130	22,216	11,421	11,075	12,406	13,413	13,015	13,886	

Assume PYL profession follows usual removal pattern after 3rd year of registration with HCPC
 Assume SocWok profession follows usual removal pattern after 3rd year of registration with HCPC
 Assume Herbal Practitioners initially higher removal rate
 Figure in bold and highlight reflects the end of registration period removal
 No highlight = intermediate and other removals



Key assumptions

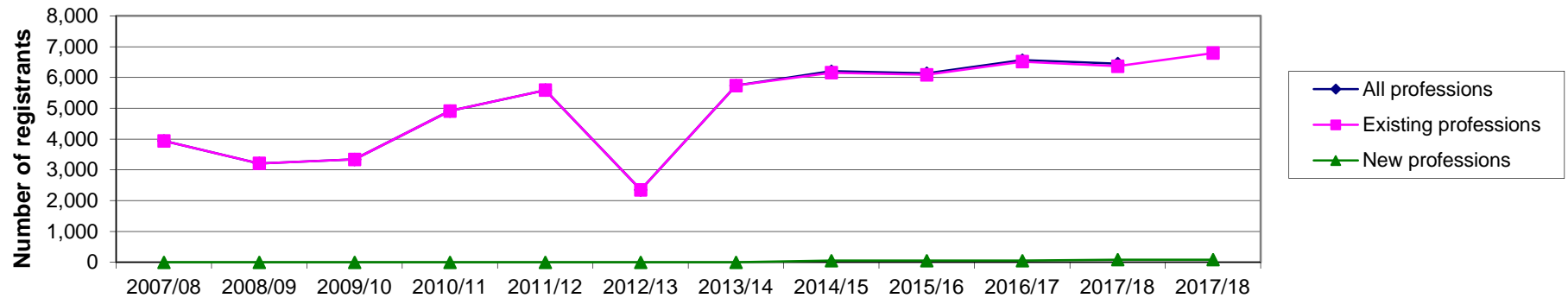
- Renewal years are highlighted.
- Removal figures include voluntary removal, deceased registrants and struck-off registrants.
- 1.5% of professions removed in years where they are not in renewal; 3.81% of professions removed in years where they are in renewal.
- For new professions 5% removed in years where they are not in renewal; 10% of new professions removed in years where they are in renewal.
- Lapsing figures include 1% to account for retiring registrants and CPD audit triggered lapsing.
- Herbal Practitioners - Assume initial 10% removal due to no history of statutory requirement for registration/licensing

Readmissions

Lwr post cycle readmissions

	Actual	Actual	Actual	Actual	Actual	Actual	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	
	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Budget 2013/14	Forecast 2014/15	Forecast 2015/16	Forecast 2016/17	Forecast 2017/18	Forecast 2017/18	
Existing professions													
AS	58	70	22	193	40	94	42	88	46	97	50	104	
BS	585	231	434	45	728	36	547	277	565	284	579	290	
CH	148	379	96	791	159	159	157	319	159	322	161	325	
CS	126	39	85	3	158	2	120	61	126	64	132	66	
DT	97	185	50	452	99	99	102	213	110	227	116	239	
HAD	-	-	-	72	20	52	50	28	60	31	64	66	
OT	696	298	597	73	1,096	83	840	431	893	455	937	475	
ODP	156	255	77	593	141		146	303	155	320	163	335	
OR	48	13	25	1	43	1	33	17	34	17	35	18	
PA	608	135	296	58	630	5	495	260	548	284	593	304	
PH	585	1,217	339	2,514	586	586	595	1,232	643	1,322	668	1,366	
PO	48	9	17	1	30	1	23	12	25	13	26	13	
PYL		-	560	44	501	10	484	250	521	261	530	265	
RA	568	257	501	57	904	121	693	355	735	374	768	389	
SL	219	119	241	12	456	21	353	183	381	195	404	206	
SW	-	-	-	-	-	-	1,080	1,056	2,125	1,086	2,246	1,140	2,333
Total	3,942	3,207	3,339	4,909	5,591	2,350	5,736	6,154	6,088	6,513	6,366	6,794	
Herbal Practitioners								50	50	50	50	50	
PHS											35	35	
Total	0	0	0	0	0	0	0	50	50	50	85	85	
Grand total	3,942	3,207	3,339	4,909	5,591	2,350	5,736	6,204	6,138	6,563	6,451	6,879	

Highlighted figures reflect readmissions within 6 months of removal; latest "actuals" 2012/13 to end of financial year only
 1.25% of active registrants readmit after lapsing 2011-12 cycle to reflect lower removal rate?
 2.5% of active registrants readmit after removal in the renewal cycle.



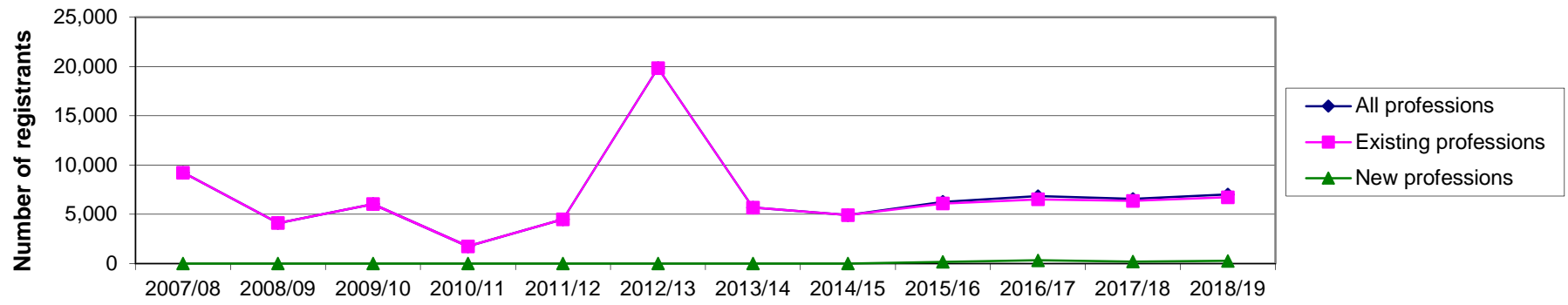
Key assumptions

- Renewal years are shown highlighted
- 0.75% of professions readmit in years where they are not in renewal; 1.9% of professions readmit in years where they are in renewal. This is based on previous data that indicates that 50% of those removed do not readmit.
- 0.25% added to readmissions figures to account for CPD audit triggered readmission.
- Estimate used for first year for new professions and then calculated using formula above.
- Assume 50% of removed SocWok rejoin register initially
- This model does not include those Returning to Practice

Lapsed registrants less readmissions

	Actual 2007/08	Actual 2008/09	Actual 2009/10	Actual 2010/11	Actual 2011/12	Actual 2012/13	Year 0 Budget 2013/14	Year 1 Forecast 2014/15	Year 2 Forecast 2015/16	Year 3 Forecast 2016/17	Year 4 Forecast 2017/18	Year 5 Forecast 2018/19	
Existing professions	AS	-6	81	17	16	38	138	42	88	46	97	50	104
	BS	1,872	346	1,178	359	378	1,420	547	277	565	284	579	290
	CH	5	442	78	9	166	583	157	319	159	322	161	325
	CS	281	59	150	77	8	313	120	61	126	64	132	66
	DT	-29	216	42	-7	96	271	102	213	110	227	116	239
	HAD	-	-	-	-	-	-	0	28	60	31	64	0
	OT	2,550	446	1,635	358	717	2,109	840	431	893	455	937	475
	ODP	-59	298	61	52	132	319	146	303	155	320	163	335
	OR	98	19	62	15	6	85	33	17	34	17	35	18
	PA	476	203	276	156	-294	1,254	495	260	548	284	593	304
	PH	573	1,420	619	172	2,100	1,829	595	0	643	1,322	668	1,366
	PO	64	13	33	13	17	60	23	12	25	13	26	13
	PYL	-	-	-	43	616	1,532	484	250	521	261	530	265
	RA	2,476	385	1,351	282	294	1,687	693	355	735	374	768	389
	SL	914	177	530	195	218	891	353	183	381	195	404	206
SW	-	-	-	-	-	7,345	1,056	2,125	1,086	2,246	1,140	2,333	
Total	9,215	4,105	6,033	1,740	4,492	19,837	5,685	4,921	6,088	6,513	6,366	6,728	
Herbal Practitioners							-		181	282	178	265	
PHS	-	-	-	-	-	-	-	-	0	54	19	15	
Total	0	0	0	0	0	0	0	0	181	336	197	280	
Grand total	9,215	4,105	6,033	1,740	4,492	19,837	5,685	4,921	6,268	6,849	6,564	7,008	

Negative values represent multiple removal and readmission for individuals, or readmissions from earlier removal cycles



Key assumptions

- Registrants who retire, emigrate, deceased registrants and others.

Key

AS	Arts therapists
BS	Biomedical scientists
CH	Chiropodists and podiatrists
CS	Clinical scientists
DT	Dietitian
HAD	Hearing aid dispensers
HP	Herbal Practitioners
OT	Occupational therapists
ODP	Operating department practitioners
OR	Orthoptists
PA	Paramedics
PH	Physiotherapists
PHS	Public Health Specialists
PO	Prosthetists and orthotists
PYL	Psychologists
RA	Radiographers
SL	Speech and language therapists
SW	Social Workers in England
BPS	British Psychological Society
HESA	Higher Education Statistics Authority
CFWI	Council for Workforce Intelligence