

Demographics of the Australian orthotic and prosthetic workforce 2007-12*Emily Ridgewell^{1,2} Research Officer and Honorary Research Fellow**Michael Dillon^{2,3} Senior Lecturer and Research Fellow**Jackie O'Connor¹ Manager Advocacy and Representation**Sarah Anderson² Lecturer**Leigh Clarke^{1,4} Executive Officer*

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Supplementary Table 1**Demographics of the Australian orthotic/prosthetic workforce 2007-12****Annual summary data****Inferential analysis**

	2007	2008	2009	2010	2011	2012	p	B	95%CI of B
Number of practitioners									
Australia	179	213	197	211	229	247	*0.013	11.486	3.928
ACT	2	3	3	4	3	3	0.305	0.171	-0.233
NSW	48	55	50	50	49	48	0.472	-0.514	-2.313
NT	0	2	2	1	2	2	0.233	0.257	-0.251
QLD	23	27	23	22	34	28	0.279	1.286	-1.567
SA	20	21	18	20	21	20	0.854	0.057	-0.752
TAS	5	5	7	8	8	9	*0.003	0.857	0.502
VIC	70	85	83	95	100	124	*0.004	9.343	4.900
WA	11	15	11	11	12	13	0.950	0.029	-1.160
Prevalence (practitioners per 100,000 population)									
Australia	0.9	1	0.9	0.9	1	1.1	0.054	0.036	-0.001
ACT	0.6	0.9	0.9	1.1	0.8	0.8	0.469	0.033	-0.083
NSW	0.7	0.8	0.7	0.7	0.7	0.7	0.163	-0.016	-0.042
NT	0	0.9	0.9	0.4	0.9	0.9	0.276	0.105	-0.127
QLD	0.5	0.6	0.5	0.5	0.7	0.6	0.483	0.018	-0.046
SA	1.3	1.3	1.1	1.2	1.3	1.2	0.669	-0.008	-0.059
TAS	1	1	1.4	1.6	1.6	1.8	*0.003	0.160	0.089
VIC	1.3	1.6	1.5	1.7	1.8	2.2	*0.01	0.143	0.057
WA	0.5	0.7	0.5	0.5	0.5	0.5	0.512	-0.014	-0.069

Gender (% female)	30	28	32	35	37	38	*0.005	1.930	0.954	2.907
Australia	30	28	32	35	37	38	*0.005	1.930	0.954	2.907
#ACT	0	0	0	0	0	0	-	-	-	-
NSW	17	15	20	24	20	23	0.066	1.510	-0.159	3.179
NT	0	0	50	0	50	0	0.694	2.857	-15.887	21.601
QLD	22	19	17	9	29	18	0.940	0.142	-4.756	5.040
SA	45	43	44	60	62	50	0.182	2.791	-2.010	7.592
TAS	40	40	43	38	25	33	0.127	-2.391	-5.842	1.059
VIC	36	34	42	44	44	49	*0.007	2.831	1.313	4.349
WA	45	47	27	27	33	31	0.129	-3.241	-7.953	1.471
Average age										
Australia	42	42	42	41	41	39	*0.004	-0.525	-0.768	-0.281
ACT	43	44	45	35	39	33	0.053	-2.179	-4.401	0.044
NSW	47	48	46	44	46	45	0.110	-0.513	-1.209	0.183
NT	n/a	36	37	46	39	37	0.146	5.814	-3.138	14.767
QLD	44	44	44	45	40	42	0.139	-0.632	-1.583	0.319
SA	38	40	40	38	38	36	0.215	-0.454	-1.309	0.402
TAS	39	40	43	41	45	44	*0.024	1.150	0.253	2.048
VIC	39	39	38	38	38	37	*0.005	-0.483	-0.724	-0.243
WA	42	43	45	46	45	46	*0.016	0.711	0.218	1.204
Service location (% regional and remote)										
Australia	13	12	14	16	16	15	0.058	0.679	-0.035	1.393
^ACT	n/a									
NSW	4	4	4	4	4	4	0.480	0.038	-0.098	0.174
^NT	n/a									
QLD	17	11	13	18	12	11	0.854	-0.029	-0.433	0.376
SA	10	10	11	10	10	10	0.847	-0.032	-0.460	0.397
^TAS	n/a									
VIC	14	14	14	17	19	17	*0.001	0.865	0.031	1.700
WA	9	7	9	9	8	8	0.839	2.286	1.576	2.995
Missing data (number of practitioners)										
Age	7	9	6	3	3	2				
Service location	0	1	0	0	0	0				

p is the ANOVA result

B and the 95%CI of B are the unstandardised regression coefficients

* Asterix and bold text indicates p<0.05

No females worked in the ACT over the time-series

^ All of the ACT is considered 'metropolitan' and all of the NT and TAS are considered 'regional and remote' (ASGC 2006)

Supplementary Table 2

Demographics of the Australian orthotic/prosthetic workforce 2007-12

Results of the inferential analysis						
	F	df	p	B	95%CI of B	SE
Rate						
Australia	17.803	1,4	*0.013	11.486	3.928	19.044
ACT	1.385	1,4	0.305	0.171	-0.233	0.576
NSW	0.63	1,4	0.472	-0.514	-2.313	1.284
NT	1.976	1,4	0.233	0.257	-0.251	0.765
QLD	1.566	1,4	0.279	1.286	-1.567	4.139
SA	0.038	1,4	0.854	0.057	-0.752	0.866
TAS	45	1,4	*0.003	0.857	0.502	1.212
VIC	34.083	1,4	*0.004	9.343	4.9	13.786
WA	0.004	1,4	0.95	0.029	-1.16	1.217
Prevalence (per 100,000 population)						
Australia	7.346	1,4	0.054	0.036	-0.001	0.074
ACT	0.64	1,4	0.469	0.033	-0.083	0.149
NSW	2.91	1,4	0.163	-0.016	-0.042	0.01
NT	1.589	1,4	0.276	0.105	-0.127	0.337
QLD	0.596	1,4	0.483	0.018	-0.046	0.081
SA	0.212	1,4	0.669	-0.008	-0.059	0.042
TAS	39.765	1,4	*0.003	0.16	0.089	0.23
VIC	21.119	1,4	*0.01	0.143	0.057	0.229
WA	0.517	1,4	0.512	-0.014	-0.069	0.041
Gender (% female)						
Australia	30.113	1,4	*0.005	1.93	0.954	2.907
#ACT	-	-	-	-	-	-
NSW	6.307	1,4	0.066	1.51	-0.159	3.179
NT	0.179	1,4	0.694	2.857	-15.887	21.601
QLD	0.006	1,4	0.94	0.142	-4.756	5.04
SA	2.606	1,4	0.182	2.791	-2.01	7.592
TAS	3.702	1,4	0.127	-2.391	-5.842	1.059
VIC	26.81	1,4	*0.007	2.831	1.313	4.349
WA	3.646	1,4	0.129	-3.241	-7.953	1.471
Average age						
Australia	35.766	1,4	*0.004	-0.525	-0.768	-0.281
ACT	7.405	1,4	0.053	-2.179	-4.401	0.044
NSW	4.191	1,4	0.11	-0.513	-1.209	0.183
NT	3.252	1,4	0.146	5.814	-3.138	14.767
QLD	3.407	1,4	0.139	-0.632	-1.583	0.319
SA	2.167	1,4	0.215	-0.454	-1.309	0.402
TAS	12.673	1,4	*0.024	1.15	0.253	2.048
VIC	31.23	1,4	*0.005	-0.483	-0.724	-0.243
WA	16.026	1,4	*0.016	0.711	0.218	1.204
Service location (% regional and remote)						
Australia	6.973	1,4	0.058	0.679	-0.035	1.393
^ACT	-	-	-	-	-	-
NSW	0.605	1,4	0.48	0.038	-0.098	0.174
^NT	-	-	-	-	-	-
QLD	0.038	1,4	0.854	-0.029	-0.433	0.376
SA	0.042	1,4	0.847	-0.032	-0.46	0.397
^TAS	-	-	-	-	-	-
VIC	80.00	1,4	*0.001	0.865	0.031	1.7
WA	0.047	1,4	0.839	2.286	1.576	2.995

F,DF,p-value are the results of the ANOVA

B and the 95%CI of B are the unstandardised regression coefficients

SE is the standard error of the estimate

* Asterix indicates p<0.05

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