

**Economics Legislation Committee**  
**ANSWERS TO QUESTIONS ON NOTICE**  
Industry, Innovation, Science, Research and Tertiary Education Portfolio  
Budget Estimates Hearing 2012-13  
28 and 29 May 2012

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**AGENCY/DEPARTMENT:** DEPARTMENT OF INDUSTRY, INNOVATION, SCIENCE, RESEARCH AND TERTIARY EDUCATION

**TOPIC:** Full-time academic research staff

**REFERENCE:** Written Question - Rhiannon

**QUESTION No.:** BI-222

1. What is the trend since 2000 of the proportions of full-time academic research staff per research student compared with the proportion of full-time academic teaching staff per coursework student in each university?
2. What are the proportions of research staff, research only staff, teaching & research staff, and teaching staff for each university since 2000?
3. How do the trends correlate to the trends and actual numbers of research students and in coursework students?

**ANSWER:**

1. The proportions of full-time and fractional full-time academic research staff per research student compared with the proportions of full-time and fractional full-time academic teaching staff per coursework student in each university are at Attachment 1.
2. The proportions of research only staff, teaching only staff and teaching & research staff for each university are presented in Attachment 2.
3. The trends and actual numbers of research students and coursework students in each university are shown in Attachment 3.

Table 1 below provides a summary of staff and students numbers for the period 2001 to 2011.

**Table 1: Summary table of staff and student numbers and proportions of various staff and student groups, 2001-2011**

Indicator	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Research only staff / HDR students ratio	0.211	0.223	0.233	0.240	0.248	0.262	0.276	0.287	0.293	0.282	0.273
Research only plus Teaching & Research staff / HDR students ratio	0.804	0.810	0.809	0.814	0.832	0.833	0.854	0.878	0.876	0.844	0.816
Teaching only staff / Coursework students ratio	0.001	0.001	0.001	0.002	0.001	0.002	0.002	0.001	0.002	0.002	0.003
Teaching only plus Teaching & Research staff / Coursework students ratio	0.033	0.031	0.031	0.031	0.032	0.032	0.031	0.031	0.030	0.029	0.030
Research only staff numbers	9132	9829	10633	11339	11933	12944	13857	14547	15455	15704	15985
Teaching only staff numbers	1024	1154	1269	1401	1239	1422	1655	1502	1787	2060	2943
Teaching & Research staff numbers	25711	25916	26304	27151	28148	28280	28970	29957	30693	31313	31757
Other staff numbers	42338	44245	46229	47767	49087	49362	50580	52372	54995	56882	58839
Research only staff as a proportion of all staff	11.68%	12.11%	12.59%	12.94%	13.20%	14.07%	14.58%	14.79%	15.02%	14.82%	14.59%
Teaching only staff as a proportion of all staff	1.31%	1.42%	1.50%	1.60%	1.37%	1.55%	1.74%	1.53%	1.74%	1.94%	2.69%
Teaching & Research staff as a proportion of all staff	32.88%	31.94%	31.15%	30.97%	31.13%	30.74%	30.47%	30.45%	29.82%	29.55%	29.00%
Teaching only staff as a proportion of academic staff	2.85%	3.13%	3.32%	3.51%	3.00%	3.33%	3.72%	3.26%	3.73%	4.20%	5.81%
Teaching only as a proportion of teaching and teaching/research staff	3.83%	4.26%	4.60%	4.91%	4.22%	4.79%	5.40%	4.77%	5.50%	6.17%	8.48%
Other staff as a proportion of all staff	54.14%	54.53%	54.75%	54.49%	54.30%	53.65%	53.21%	53.24%	53.43%	53.68%	53.72%
HDR student numbers	43362	44128	45659	47309	48201	49467	50140	50704	52685	55740	58523
Coursework student numbers	810660	863835	896051	909148	908976	934594	979706	1015391	1082181	1136917	1162485
HDR students as a proportion of all students	5.1%	4.9%	4.8%	4.9%	5.0%	5.0%	4.9%	4.8%	4.6%	4.7%	4.8%
Coursework students as a proportion of all students	94.9%	95.1%	95.2%	95.1%	95.0%	95.0%	95.1%	95.2%	95.4%	95.3%	95.2%

(a) HDR students include Doctorate by Research and Master's by Research students.

(b) Coursework students include Higher Doctorate, Doctorate by coursework, Master's by coursework, Postgraduate Qualifying or Priliminary, Graduate diploma / Postgraduate diploma, Graduate Certificate, Bachelor's graduate entry, Bachelor's Honours, Bachelor's pass, Associate degree, Advanced diploma/Diploma, Diploma/Associate diploma, Other undergraduate award course, Enabling course, Cross-provider program and Non-award course students.

(c) Australian Defence Force Academy numbers are counted in the University of New South Wales.

(d) Australian Maritime College numbers are counted in University of Tasmania.

(e) Staff numbers exclude casual staff.

(f) Data includes Table A, Table B and Avondale College.