

## Research Data

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### 1. Research Publications - Weighted - 2009-2016

Provider	2009	2010	2011	2012	2013	2014	2015	2016
Charles Darwin	235	246	252	224	293	331	354	368
Flinders	915	957	994	1,084	1,187	1,151	1,159	1,303
Griffith	1,495	1,736	1,845	2,040	2,387	2,306	2,306	2,367
James Cook	802	820	849	950	1,082	1,081	1,035	
La Trobe	1,084	1,224	1,268	1,158	1,250	1,158	1,455	1,586
Murdoch	542	514	558	568	565	592	838	631
Western Sydney	1,153	1,147	1,219	1,241	1,474	1,341		3,977
<b>IRU Total</b>	<b>6,226</b>	<b>6,644</b>	<b>6,985</b>	<b>7,265</b>	<b>8,238</b>	<b>7,960</b>	<b>7,147</b>	<b>10,232</b>
<b>National Total</b>	<b>52,609</b>	<b>54,131</b>	<b>55,907</b>	<b>61,121</b>	<b>65,557</b>	<b>65,441</b>	<b>N/A</b>	<b>N/A</b>
<b>IRU Share</b>	<b>12%</b>	<b>12%</b>	<b>12%</b>	<b>12%</b>	<b>13%</b>	<b>12%</b>	<b>-</b>	

Source: Department of Education Higher Education Research Data Collection (HERDC) (2009-2014). IRU members submissions (2015 - 2016).

Notes: All publication types. A weighting of 5 is applied to books.

### 2. Research Income (\$ millions) - 2009-2016

Provider	2009	2010	2011	2012	2013	2014	2015	2016
Charles Darwin	31.8	33.2	43.9	39.4	35.1	46.1	38.1	48.9
Flinders	48.6	56.6	53.3	56.8	62.3	53.9	51.9	52.2
Griffith	63.1	64.1	74.3	65.9	62.4	67.8	72.8	78.1
James Cook	27.8	30.3	39.4	42.1	51.4	64.4	50.1	42.0
La Trobe	38.6	41.7	42.8	49.9	53.2	55.4	70.0	70.7
Murdoch	46.1	35.1	28.3	25.3	24.7	23.4	20.9	22.6
Western Sydney	15.9	18.7	17.7	21.3	22.3	26.2	26.0	37.2
<b>IRU Total</b>	<b>271.9</b>	<b>279.7</b>	<b>299.7</b>	<b>300.6</b>	<b>311.4</b>	<b>337.0</b>	<b>329.9</b>	<b>351.8</b>
<b>National Total</b>	<b>2,780.1</b>	<b>3,073.1</b>	<b>3,252.4</b>	<b>3,415.0</b>	<b>3,559.3</b>	<b>3,744.8</b>	<b>3,725.0</b>	<b>3,785.6</b>
<b>IRU Share</b>	<b>10%</b>	<b>9%</b>	<b>9%</b>	<b>9%</b>	<b>9%</b>	<b>9%</b>	<b>9%</b>	<b>9%</b>

Source: Department of Education Higher Education Research Data Collection (HERDC) (2009-2015). IRU members submissions (2016).

Notes: All income categories

### 3. Australian Competitive Grant Income (\$ millions) - 2009-2016 [Cat 1]

Provider	2009	2010	2011	2012	2013	2014	2015	2016
Charles Darwin	11.4	15.3	15.8	17.3	18.1	17.7	18.5	21.1
Flinders	18.6	18.9	21.0	20.2	20.9	20.2	18.5	18.8
Griffith	22.3	23.6	26.9	27.4	31.0	28.8	28.9	26.6
James Cook	14.8	18.4	21.2	21.3	21.9	25.6	19.7	17.2
La Trobe	16.5	15.4	11.3	15.9	14.6	15.2	19.4	22.4
Murdoch	8.5	9.6	7.2	9.6	11.8	11.7	10.2	9.5
Western Sydney	9.3	10.3	10.0	12.5	12.0	15.0	11.3	13.7
<b>IRU Total</b>	<b>101.4</b>	<b>111.5</b>	<b>113.2</b>	<b>124.2</b>	<b>130.4</b>	<b>134.1</b>	<b>126.4</b>	<b>129.3</b>
<b>National Total</b>	<b>1,226.8</b>	<b>1,313.6</b>	<b>1,464.2</b>	<b>1,603.6</b>	<b>1,683.7</b>	<b>1,798.4</b>	<b>1,635.6</b>	<b>1,548.6</b>
<b>IRU Share</b>	<b>8%</b>	<b>8%</b>	<b>8%</b>	<b>8%</b>	<b>8%</b>	<b>7%</b>	<b>8%</b>	<b>8%</b>

Source: Department of Education Higher Education Research Data Collection (HERDC) (2009-2015). IRU members submissions (2016).

Notes: HERDC Category 1

### 4. Australian Competitive Grant Income as a Proportion of All Research Income - 2009-2016

Provider	2009	2010	2011	2012	2013	2014	2015	2016
Charles Darwin	36%	46%	36%	44%	52%	38%	48%	43%
Flinders	38%	33%	39%	36%	34%	37%	36%	36%
Griffith	35%	37%	36%	42%	50%	42%	40%	34%
James Cook	53%	61%	54%	51%	43%	40%	39%	41%
La Trobe	43%	37%	26%	32%	27%	27%	28%	32%
Murdoch	18%	27%	25%	38%	48%	50%	49%	42%
Western Sydney	58%	55%	56%	59%	54%	57%	43%	37%
<b>IRU Total</b>	<b>37%</b>	<b>40%</b>	<b>38%</b>	<b>41%</b>	<b>42%</b>	<b>40%</b>	<b>38%</b>	<b>37%</b>
<b>National Total</b>	<b>44%</b>	<b>43%</b>	<b>45%</b>	<b>47%</b>	<b>47%</b>	<b>48%</b>	<b>44%</b>	<b>41%</b>

Source: Department of Education Higher Education Research Data Collection (HERDC) (2009-2015). IRU members submissions (2016).

**5. Other Public Sector Research Income (\$ millions) 2009 - 2016 [Cat 2]**

<b>Provider</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Charles Darwin	15.6	14.3	24.1	16.8	11.0	19.7	14.0	20.2
Flinders	21.1	24.6	21.4	24.3	27.4	20.1	17.2	18.3
Griffith	25.6	22.7	28.7	20.6	15.6	19.3	23.3	27.9
James Cook	5.9	6.1	8.4	9.7	14.4	23.6	15.8	14.2
La Trobe	8.9	8.6	8.1	13.2	19.9	19.2	17.8	19.0
Murdoch	13.7	13.6	10.0	6.7	4.8	2.6	2.5	2.9
Western Sydney	3.1	3.8	3.5	4.0	5.0	4.7	4.5	11.4
<b>IRU Total</b>	<b>94.0</b>	<b>93.7</b>	<b>104.1</b>	<b>95.4</b>	<b>98.2</b>	<b>109.3</b>	<b>95.2</b>	<b>113.9</b>
<b>National Total</b>	<b>764.3</b>	<b>843.6</b>	<b>848.4</b>	<b>864.9</b>	<b>846.3</b>	<b>857.3</b>	<b>848.9</b>	<b>949.3</b>
<b>IRU Share</b>	<b>12%</b>	<b>11%</b>	<b>12%</b>	<b>11%</b>	<b>12%</b>	<b>13%</b>	<b>11%</b>	<b>12%</b>

Source: Department of Education Higher Education Research Data Collection (HERDC) (2009-2015). IRU members submissions (2016).

Notes: HERDC Category 2

**6. Other Public Sector Research Income as a Proportion of All Research Income - 2009 - 2016**

<b>Provider</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Charles Darwin	49%	43%	55%	43%	31%	43%	37%	41%
Flinders	43%	43%	40%	43%	44%	37%	33%	35%
Griffith	41%	35%	39%	31%	25%	29%	32%	36%
James Cook	21%	20%	21%	23%	28%	37%	32%	34%
La Trobe	23%	21%	19%	26%	37%	35%	25%	27%
Murdoch	30%	39%	35%	27%	19%	11%	12%	13%
Western Sydney	19%	20%	20%	19%	22%	18%	17%	31%
<b>IRU Total</b>	<b>35%</b>	<b>33%</b>	<b>35%</b>	<b>32%</b>	<b>32%</b>	<b>32%</b>	<b>29%</b>	<b>32%</b>
<b>National Total</b>	<b>27%</b>	<b>27%</b>	<b>26%</b>	<b>25%</b>	<b>24%</b>	<b>23%</b>	<b>23%</b>	<b>25%</b>

Source: Department of Education Higher Education Research Data Collection (HERDC) (2009-2015). IRU members submissions (2016).

**7. Industry and Other Research Income (\$ millions) - HERDC - 2009-2016 [Cat 3]**

<b>Provider</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Charles Darwin	3.5	2.7	3.1	4.4	5.2	7.3	4.5	6.5
Flinders	8.2	11.9	10.1	10.8	12.6	11.7	15.2	13.8
Griffith	12.2	15.3	16.5	15.9	14.9	18.5	19.2	22.6
James Cook	6.0	5.0	7.1	7.9	11.0	9.6	12.8	10.4
La Trobe	11.0	14.4	20.1	16.7	16.9	17.1	26.4	22.6
Murdoch	18.6	8.9	8.4	6.3	7.0	6.6	5.8	6.9
Western Sydney	2.9	4.3	4.1	4.2	4.7	5.5	9.2	10.8
<b>IRU Total</b>	<b>62.5</b>	<b>62.5</b>	<b>69.3</b>	<b>66.3</b>	<b>72.4</b>	<b>76.1</b>	<b>93.1</b>	<b>93.6</b>
<b>National Total</b>	<b>666.4</b>	<b>796.6</b>	<b>831.7</b>	<b>829.6</b>	<b>924.9</b>	<b>981.1</b>	<b>1,139.1</b>	<b>1,193.4</b>
<b>IRU Share</b>	<b>9%</b>	<b>8%</b>	<b>8%</b>	<b>8%</b>	<b>8%</b>	<b>8%</b>	<b>8%</b>	<b>8%</b>

Source: Department of Education Higher Education Research Data Collection (HERDC) (2009-2012). IRU members submissions (2013). National data for 2012 will not be available until late 2014.

Notes: HERDC Category 3

**8. Industry and Other Research Income as a Proportion of All Research Income - HERDC - 2009 - 2016**

<b>Provider</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Charles Darwin	11%	8%	7%	11%	15%	16%	12%	13%
Flinders	17%	21%	19%	19%	20%	22%	29%	26%
Griffith	19%	24%	22%	24%	24%	27%	26%	29%
James Cook	22%	17%	18%	19%	21%	15%	25%	25%
La Trobe	28%	34%	47%	33%	32%	31%	38%	32%
Murdoch	40%	25%	30%	25%	28%	28%	28%	31%
Western Sydney	18%	23%	23%	20%	21%	21%	35%	29%
<b>IRU Total</b>	<b>23%</b>	<b>22%</b>	<b>23%</b>	<b>22%</b>	<b>23%</b>	<b>23%</b>	<b>28%</b>	<b>27%</b>
<b>National Total</b>	<b>24%</b>	<b>26%</b>	<b>26%</b>	<b>24%</b>	<b>26%</b>	<b>26%</b>	<b>31%</b>	<b>32%</b>

Source: Department of Education Higher Education Research Data Collection (HERDC) (2009-2015). IRU members submissions (2016).

**9. Co-operative Research Centre Income (\$ millions) - 2009 - 2016 [Cat 4]**

<b>Provider</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Charles Darwin	1.3	0.8	1.0	0.9	0.8	1.5	1.1	1.0
Flinders	0.7	1.2	0.8	1.4	1.2	2.0	1.1	1.3
Griffith	2.9	2.5	2.3	1.9	0.9	1.2	1.4	1.0
James Cook	1.0	0.7	2.8	3.1	4.0	5.6	1.8	0.1
La Trobe	2.3	3.4	3.4	4.2	1.8	3.9	6.3	6.8
Murdoch	5.3	3.1	2.7	2.6	1.2	2.5	2.4	3.3
Western Sydney	0.6	0.4	0.2	0.4	0.6	1.0	1.0	1.2
<b>IRU Total</b>	<b>14.0</b>	<b>12.2</b>	<b>13.1</b>	<b>14.6</b>	<b>10.4</b>	<b>17.5</b>	<b>15.1</b>	<b>14.7</b>
<b>National Total</b>	<b>122.7</b>	<b>119.2</b>	<b>107.9</b>	<b>116.8</b>	<b>104.4</b>	<b>107.9</b>	<b>101.4</b>	<b>94.4</b>
<b>IRU Share</b>	<b>11%</b>	<b>10%</b>	<b>12%</b>	<b>13%</b>	<b>10%</b>	<b>16%</b>	<b>15%</b>	<b>16%</b>

Source: Department of Education Higher Education Research Data Collection (HERDC) (2009-2012). IRU members submissions (2013). National data for 2012 will not be available until late 2014.

Notes: HERDC Category 4

**10. Co-operative Research Centre Income as a Proportion of All Research Income - 2009 - 2016**

<b>Provider</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Charles Darwin	4%	3%	2%	2%	2%	3%	3%	2%
Flinders	1%	2%	1%	2%	2%	4%	2%	2%
Griffith	5%	4%	3%	3%	1%	2%	2%	1%
James Cook	4%	2%	7%	7%	8%	9%	4%	0%
La Trobe	6%	8%	8%	8%	3%	7%	9%	10%
Murdoch	11%	9%	9%	10%	5%	11%	12%	15%
Western Sydney	4%	2%	1%	2%	3%	4%	4%	3%
<b>IRU Total</b>	<b>5%</b>	<b>4%</b>	<b>4%</b>	<b>5%</b>	<b>3%</b>	<b>5%</b>	<b>5%</b>	<b>4%</b>
<b>National Total</b>	<b>4%</b>	<b>4%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>3%</b>	<b>2%</b>

Source: Department of Education Higher Education Research Data Collection (HERDC) (2009-2015). IRU members submissions (2016).

### 11. Excellence in Research for Australia 2015 – 4 Digit Fields of Research

Provider	Ratings			Total 3+	Assessed	% 3+
	5	4	3			
Charles Darwin	3	4	2	9	12	75%
Flinders	5	14	23	42	54	78%
Griffith	10	23	21	54	59	92%
James Cook	8	11	16	35	45	78%
La Trobe	19	11	15	45	55	82%
Murdoch	4	11	19	34	39	87%
Western Sydney	11	10	23	44	55	80%
<b>IRU Total</b>	<b>60</b>	<b>84</b>	<b>119</b>	<b>263</b>	<b>319</b>	<b>82%</b>
<b>National Total</b>	<b>563</b>	<b>544</b>	<b>470</b>	<b>1577</b>	<b>1772</b>	<b>89%</b>
<b>IRU Share</b>	<b>11%</b>	<b>15%</b>	<b>25%</b>	<b>16.7%</b>	<b>18%</b>	

Source: Australian Research Council

Notes: A rating of 5 refers to well above world standard. A rating of 4 refers to above world standard. A rating of 3 refers to world standard.

### 12. Excellence in Research for Australia 2015 - 2 Digit Fields of Research

Provider	Ratings			Total 3+	Assessed	% 3+
	5	4	3			
Charles Darwin	1	1	3	5	9	56%
Flinders	0	1	18	19	21	90%
Griffith	3	6	9	18	19	95%
James Cook	1	3	9	13	18	72%
La Trobe	3	4	10	17	20	85%
Murdoch	0	1	12	13	18	72%
Western Sydney	0	7	9	16	20	80%
<b>IRU Total</b>	<b>8</b>	<b>23</b>	<b>70</b>	<b>101</b>	<b>125</b>	<b>81%</b>
<b>National Total</b>	<b>96</b>	<b>206</b>	<b>222</b>	<b>524</b>	<b>626</b>	<b>84%</b>
<b>IRU Share</b>	<b>8%</b>	<b>11%</b>	<b>32%</b>	<b>19%</b>	<b>20%</b>	

Source: Australian Research Council

Notes: A rating of 5 refers to well above world standard. A rating of 4 refers to above world standard. A rating of 3 refers to wo

#### 4 Members or more at 3+

### 13. Excellence in Research for Australia 2015 - Areas of Common Strength - 4 Digit Fields

The table below includes those fields of research where four or more IRU members are rated as conducting research of world standard or above.

4 Digit Fields	Rating							Total 3+
	Charles Darwin	Flinders	Griffith	James Cook	La Trobe	Murdoch	Western Sydney	
501 Ecological Applications	4	-	5	5	-	-	5	4
502 Environmental Science and Management	4	3	4	5	-	4	-	5
601 Biochemistry and Cell Biology	-	3	3	3	5	-	3	5
602 Ecology	4	2	5	5	5	3	5	6
605 Microbiology	-	3	3	3	5	3	4	6
607 Plant Biology	-	4	-	5	5	3	5	5
608 Zoology	3	3	-	3	5	3	3	6
912 Materials Engineering	-	4	4	4	-	-	5	4
1103 Clinical Sciences	5	3	3	2	2	5	3	5
1106 Human Movement and Sports Science	-	5	4	-	5	4	3	5
1108 Medical Microbiology	4	-	4	5	-	5	-	4
1109 Neurosciences	-	3	3	5	5	-	3	5
1110 Nursing	5	4	5	3	5	-	4	6
1117 Public Health and Health Services	5	3	3	4	1	3	4	6
1303 Specialist Studies in Education	2	2	3	2	3	3	3	4
1506 Tourism	-	2	4	3	3	3	-	4
1604 Human Geography	-	3	3	3	-	-	4	4
1606 Political Science	-	2	5	-	4	4	2	3
1608 Sociology	-	3	4	3	3	-	3	5
1701 Psychology	2	4	3	1	4	3	4	5
1801 Law	-	3	4	3	3	2	2	4
1904 Performing Arts and Creative Writing	-	4	3	2	3	-	3	4
2004 Linguistics	-	-	3	4	4	-	4	4
2005 Literary Studies	-	3	-	3	3	3	3	5
2101 Archaeology	-	3	3	4	5	-	-	4
2103 Historical Studies	-	4	4	-	4	4	4	5

Source: Australian Research Council.



#### 14. Excellence in Research for Australia 2015 - Areas of Common Strength - 2 Digit Fields

The table below includes those fields of research where four or more IRU members are rated as conducting research of world standard or above.

2 Digit Fields	Rating							Total 3+
	Charles Darwin	Flinders	Griffith	James Cook	La Trobe	Murdoch	Western Sydney	
2 Physical Sciences	-	3	5	3	5	-	2	4
3 Chemical Sciences	-	3	5	3	4	3	3	6
5 Environmental Sciences	4	3	5	5	3	3	4	7
6 Biological Sciences	3	3	3	4	5	3	4	7
7 Agricultural and Veterinary Sciences	3	3	3	3	5	3	4	7
8 Information and Computing Sciences	3	3	3	-	3	-	3	5
9 Engineering	-	3	4	3	-	3	4	5
11 Medical and Health Sciences	5	3	4	3	3	3	4	7
13 Education	2	2	3	3	3	3	3	5
16 Studies in Human Society	2	3	4	3	3	3	3	6
17 Psychology and Cognitive Sciences	2	3	3	1	3	2	3	4
18 Law and Legal Studies	-	3	4	3	3	2	2	4
19 Studies in Creative Arts and Writing	-	3	4	2	2	3	3	4
20 Language, Communication and Culture	-	3	3	3	4	3	4	6
21 History and Archaeology	-	3	4	4	4	4	3	6
22 Philosophy and Religious Studies	-	3	-	-	3	3	3	4

Source: Australian Research Council.