Funding of research in UK physics departments

Investment in science is an essential ingredient for economic growth in the UK. This briefing outlines where UK university physics departments’ research income came from in the 2016/17 academic year.¹

£347 m research grants and contracts awarded to UK physics departments
£67 m of which came from non-UK EU sources
£12 m of which came from non-EU sources

UK physics departments receive a substantial proportion of their external income² from non-UK EU sources. This proportion is slightly greater than the average received across all subjects.

Income from research grants and contracts in UK university departments by country of origin and subject

<table>
<thead>
<tr>
<th>Subject</th>
<th>UK</th>
<th>non-UK EU</th>
<th>non-EU</th>
</tr>
</thead>
<tbody>
<tr>
<td>physics</td>
<td>77%</td>
<td>19%</td>
<td>3%</td>
</tr>
<tr>
<td>biosciences</td>
<td>81%</td>
<td>13%</td>
<td>6%</td>
</tr>
<tr>
<td>chemistry</td>
<td>71%</td>
<td>24%</td>
<td>5%</td>
</tr>
<tr>
<td>mathematics</td>
<td>74%</td>
<td>21%</td>
<td>5%</td>
</tr>
<tr>
<td>all subjects</td>
<td>77%</td>
<td>15%</td>
<td>8%</td>
</tr>
</tbody>
</table>

The vast majority (94%) of non-UK EU funding received by UK physics departments comes from EU government bodies (including the European Commission and Horizon 2020 research programme), while 2% comes from EU industry, commerce and public corporations, and less than 1% comes from EU charities.

¹ Data comes from the Higher Education Statistics Agency (HESA). Percentages may not sum to 100 due to rounding.
² These figures relate to research grants and contracts only, and exclude quality-related income from the UK Funding Councils.
In recent years, the amount and proportion of income UK physics departments receive from non-UK EU sources has grown significantly, from £32 m in 2010/11 to £67 m in 2016/17. Over the same period, the proportion of income received from UK sources has decreased, though the absolute amount has increased from £237 m to £269 m.

The EU is an important source of income for physics departments across the UK, though there is significant variation between departments, with some receiving more than 40% of their external income from non-UK EU sources.3

Income from research grants and contracts in UK physics departments by country of origin and year

The chart shows the proportion of income from research grants and contracts in UK physics departments by country of origin and year from 2010/11 to 2016/17. The proportion of income from non-UK EU sources has increased from 77% in 2010/11 to 80% in 2016/17, while the proportion from UK sources has decreased from 20% to 19%.

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Income from research grants and contracts in UK physics departments by country of origin and UK nation

The chart shows the income from research grants and contracts in UK physics departments by country of origin and UK nation for England, Scotland, Wales, and the UK as a whole. The data is presented as a pie chart, with the proportion of income from each source indicated.

3 Although UK statistics include Northern Ireland, statistics about Northern Ireland cannot be published alone in accordance with the terms of use of the data.