**Figure 17.3: Trends in research expenditure in the Arab States**

**GERD as a share of GDP in the Arab States, 2015 and 2018 (%)**

<table>
<thead>
<tr>
<th>Country</th>
<th>2015</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>UAE</td>
<td>0.90</td>
<td>1.30</td>
</tr>
<tr>
<td>Egypt</td>
<td>0.72</td>
<td>0.71</td>
</tr>
<tr>
<td>Jordan</td>
<td>0.63</td>
<td>0.54</td>
</tr>
<tr>
<td>Tunisia</td>
<td>0.60</td>
<td>0.52</td>
</tr>
<tr>
<td>Algeria</td>
<td>0.54</td>
<td>0.51</td>
</tr>
<tr>
<td>Qatar</td>
<td>0.25</td>
<td>0.22</td>
</tr>
<tr>
<td>Oman</td>
<td>0.10</td>
<td>0.06</td>
</tr>
<tr>
<td>Kuwait</td>
<td>0.04</td>
<td>0.04</td>
</tr>
<tr>
<td>Iraq</td>
<td>0.04</td>
<td>0.02</td>
</tr>
<tr>
<td>Syria</td>
<td>0.02</td>
<td>0.01</td>
</tr>
<tr>
<td>Mauritania</td>
<td>0.01</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Global average for GERD as a share of GDP in 2018**

1.79%

**GERD by source of funds in the Arab States, 2018 or closest year (%)**

- **Algeria**
  - Business: 19.1%
  - Government: 43.3%
  - Higher education: 31.8%
  - Private non-profit: 6.7%
  - Abroad: 4.3%

- **Egypt**
  - Business: 27.8%
  - Government: 42.6%
  - Higher education: 20.6%
  - Private non-profit: 7.1%
  - Abroad: 7.1%

- **Iraq**
  - Business: 3.9%
  - Government: 18.9%
  - Higher education: 77.1%
  - Private non-profit: 3.9%
  - Abroad: 18.9%

- **Oman**
  - Business: 47.8%
  - Government: 4.3%
  - Higher education: 31.8%
  - Private non-profit: 3.9%
  - Abroad: 4.3%

- **Qatar**
  - Business: 47.8%
  - Government: 4.3%
  - Higher education: 31.8%
  - Private non-profit: 3.9%
  - Abroad: 4.3%

- **Tunisia**
  - Business: 47.8%
  - Government: 4.3%
  - Higher education: 31.8%
  - Private non-profit: 3.9%
  - Abroad: 4.3%

**GERD by field of science in the Arab States, 2017 or closest year (%)**

- **Natural sciences**
  - IRAQ: 19.3%
  - KUWAIT: 24.8%
  - OMAN: 18.8%
  - QATAR: 18.8%

- **Engineering**
  - IRAQ: 47.8%
  - KUWAIT: 39.3%
  - OMAN: 43.6%
  - QATAR: 29.2%

- **Health**
  - IRAQ: 9.8%
  - KUWAIT: 10.4%
  - OMAN: 18.7%
  - QATAR: 18.7%

- **Agriculture**
  - IRAQ: 5.6%
  - KUWAIT: 7.1%
  - OMAN: 3.7%
  - QATAR: 0.9%

- **Social sciences**
  - IRAQ: 5.6%
  - KUWAIT: 7.1%
  - OMAN: 3.7%
  - QATAR: 28.3%

- **Humanities & arts**
  - IRAQ: 21.0%
  - KUWAIT: 4.8%
  - OMAN: 17.9%
  - QATAR: 17.9%

+n/-n: data refer to n years before or after reference year

Source: UNESCO Institute for Statistics