

**Table 44. Higher education expenditure on R&D (HERD)
as a percentage of GDP**

Percentage

| | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Australia | .. | 0.58 | 0.60 ^y | 0.63 | 0.62 ^c | 0.63 | .. |
| Austria | 0.59 ^c | 0.71 ^c | 0.69 | 0.72 ^c | 0.72 | 0.74 ^c | 0.75 ^{c,p} |
| Belgium | 0.40 | 0.48 | 0.48 | 0.48 | 0.51 | 0.50 ^c | 0.49 ^p |
| Canada | 0.67 | 0.68 | 0.67 | 0.71 ^a | 0.67 | 0.65 ^p | .. |
| Chile | .. | 0.13 ^y | 0.11 ^y | 0.13 ^y | 0.15 ^y | 0.15 ^{a,y} | 0.15 ^{p,y} |
| Czech Republic | 0.21 | 0.27 | 0.38 | 0.49 | 0.52 | 0.50 | 0.48 ^p |
| Denmark | 0.59 | 0.88 | 0.91 | 0.94 | 1.01 | 0.98 | 0.99 ^p |
| Estonia | 0.38 | 0.60 | 0.64 | 0.68 | 0.73 | 0.64 | 0.62 |
| Finland | 0.63 | 0.76 | 0.73 | 0.74 | 0.71 | 0.73 | 0.71 |
| France | 0.38 | 0.47 | 0.46 | 0.46 | 0.47 | 0.46 | 0.45 ^p |
| Germany | 0.40 | 0.49 | 0.50 | 0.51 | 0.51 | 0.51 | 0.50 ^{c,p} |
| Greece | 0.27 | 0.21 ^c | 0.27 | 0.28 | 0.30 | 0.31 | 0.37 ^p |
| Hungary | 0.23 ^y | 0.23 ^y | 0.24 ^y | 0.23 ^y | 0.20 ^y | 0.18 ^y | 0.17 ^y |
| Iceland | 0.59 | 0.67 ^a | 0.66 ^a | .. | 0.66 ^a | 0.66 | 0.67 |
| Ireland | 0.32 | 0.42 | 0.39 ^c | 0.36 | 0.37 ^c | 0.35 | 0.28 ^c |
| Israel ¹ | 0.60 ^{d,g} | 0.54 ^d | 0.52 ^d | 0.53 ^d | 0.53 ^d | 0.52 ^d | 0.50 ^d |
| Italy | 0.32 ^a | 0.35 | 0.35 | 0.36 | 0.37 | 0.39 ^c | 0.38 ^p |
| Japan | 0.44 ^y | 0.42 ^y | 0.45 ^y | 0.45 ^y | 0.47 ^{a,y} | 0.45 ^y | 0.43 ^y |
| Korea | 0.26 ^g | 0.38 | 0.38 | 0.38 | 0.38 | 0.39 | 0.38 |
| Latvia | 0.21 | 0.24 | 0.34 | 0.33 | 0.26 | 0.28 | 0.31 ^p |
| Luxembourg | 0.02 | 0.19 | 0.16 | 0.22 | 0.24 | 0.21 | 0.23 ^p |
| Mexico | 0.12 | 0.16 | 0.16 | 0.14 | 0.13 | 0.14 ^{c,p} | 0.15 ^{c,p} |
| Netherlands | 0.62 | 0.70 | 0.62 | 0.61 | 0.63 | 0.64 | 0.65 ^p |
| New Zealand | 0.36 | .. | 0.39 | .. | 0.35 | .. | .. |
| Norway | 0.46 | 0.53 | 0.51 | 0.51 | 0.52 | 0.53 | 0.59 ^p |
| Poland | 0.18 | 0.27 | 0.26 | 0.30 | 0.25 | 0.27 | 0.29 |
| Portugal | 0.27 | 0.57 | 0.53 | 0.50 | 0.59 ^a | 0.59 | 0.58 ^p |
| Slovak Republic | 0.10 | 0.17 | 0.23 | 0.27 | 0.27 | 0.30 | 0.52 |
| Slovenia | 0.24 | 0.29 | 0.29 ^a | 0.29 | 0.27 | 0.25 | 0.23 ^p |
| Spain | 0.32 | 0.38 | 0.37 | 0.36 | 0.36 | 0.35 | 0.34 |
| Sweden | 0.74 | 0.85 ^c | 0.85 | 0.89 ^c | 0.90 | 0.91 ^c | 0.88 |
| Switzerland | .. | 0.73 | .. | 0.84 | .. | 0.88 | .. |
| Turkey | 0.32 ^y | 0.39 ^y | 0.39 ^y | 0.40 ^y | 0.40 ^y | 0.41 ^y | .. |
| United Kingdom | 0.40 | 0.45 | 0.44 | 0.43 | 0.44 | 0.43 | 0.44 ^{c,p} |
| United States | 0.36 ⁱ | 0.40 ⁱ | 0.40 ⁱ | 0.39 ⁱ | 0.38 ⁱ | 0.37 ^{i,p} | 0.37 ^{i,p} |
| EU28 (OECD estimates) | 0.38 ^b | 0.45 ^b | 0.44 ^b | 0.45 ^b | 0.45 ^b | 0.46 ^b | 0.45 ^b |
| OECD-Total | 0.38^b | 0.43^b | 0.43^b | 0.43^b | 0.43^b | 0.43^b | 0.43^b |
| Argentina | 0.11 | 0.16 | 0.17 | 0.19 | 0.18 | 0.18 | .. |
| China | 0.13 ^y | 0.14 ^y | 0.14 ^y | 0.14 ^y | 0.14 ^y | 0.14 ^y | 0.15 ^y |
| Romania | 0.06 | 0.11 | 0.11 ^a | 0.10 | 0.08 | 0.06 | 0.09 |
| Russian Federation | 0.06 ^y | 0.09 ^y | 0.09 ^y | 0.10 ^y | 0.10 | 0.11 | 0.11 |
| Singapore | 0.52 | 0.58 | 0.60 | 0.58 | 0.59 | 0.60 | .. |
| South Africa | 0.17 | 0.20 | 0.22 | 0.22 | 0.21 | .. | .. |
| Chinese Taipei | 0.27 | 0.34 | 0.34 | 0.33 | 0.32 | 0.30 | 0.29 |

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1. Information on data for Israel: <http://dx.doi.org/10.1787/888932315602>

Source: OECD, Main Science and Technology Indicators database, February 2017