

**Fig. 2 Budget for education, research and science<sup>1</sup>, by expenditure areas, in billions of euros and by share of GDP (2010-2018)**

Expenditure area		2010	2015	2016	2017	2018	
A+B	Education <sup>2</sup>	billions of euros	175.2	195.5	202.4	210.2	218.3
		share of GDP	6.8%	6.5%	6.5%	6.5%	6.5%
C	Research and development <sup>3</sup>	billions of euros	70.0	88.8	92.2	99.6	104.8
		share of GDP	2.7%	2.9%	2.9%	3.1%	3.1%
D	Other education and science infrastructure	billions of euros	5.0	5.8	6.1	6.4	5.7
		share of GDP	0.2%	0.2%	0.2%	0.2%	0.2%
A+B+C+D	Total expenditure on education, research and science <sup>4</sup>	billions of euros	237.4	274.8	284.0	298.9	310.2
		share of GDP	9.3%	9.1%	9.1%	9.2%	9.3%

**Explanation of abbreviations/symbols:** GDP = gross domestic product; OECD = Organisation for Economic Co-operation and Development.

1) Expenditure pursuant to the performance concept. Demarcation pursuant to concept 2015. 2018 figures preliminary.

2) For a more detailed overview of the education area see figure 21.

3) Calculated using research and development (R&D) statistical methods (Frascati Manual / OECD report).

4) The budget for education, research and science has been consolidated by the higher education expenditure on research and development, because this position is included in both, A and C.

**Source:** Federal Statistical Office (Budget für Bildung, Forschung und Wissenschaft 2017/2018; Bildungsfinanzbericht 2019)

**BMBF's Data Portal:** Figure link: [datenportal.bmbf.de/fig-2](https://datenportal.bmbf.de/fig-2)

Additional data: [datenportal.bmbf.de/en/1.9.1](https://datenportal.bmbf.de/en/1.9.1)