



TABLE 4-18

Government R&D support by major socioeconomic objectives, by selected countries or regions and years: Selected years, 2000–15

(Millions of U.S. dollars and percent)

Region or country	Year	GBARD (current PPP US\$millions)	Percentage of GBARD		Percentage of nondefense					
			Defense	Nondefense	Economic development programs	Health and environment	Education and society	Civil space	Non- oriented research	General university funds
United States	2000	83,612.5	51.6	48.4	13.4	49.9	1.8	20.9	13.8	na
	2010	148,962.0	57.3	42.7	12.5	56.1	1.6	12.9	16.9	na
	2015	138,544.0	51.4	48.6	11.7	52.6	3.0	16.2	16.5	na
EU	2000	76,650.9	12.6	87.4	23.3	11.6	3.4	6.0	17.8	35.0
	2010	117,880.8	6.4	93.6	22.2	14.1	6.5	5.3	18.2	33.1
	2015	125,477.4	4.4	95.6	20.5	14.8	5.5	5.2	18.7	35.4
France	2000	14,868.7	21.4	78.5	17.7	9.7	1.1	13.2	27.4	28.5
	2010	19,178.6	14.7	85.3	21.1	12.6	5.3	12.7	19.6	27.0
	2015	17,721.1	7.2	92.8	17.8	12.5	5.9	11.3	22.8	27.6
Germany	2000	17,228.7	7.8	92.2	21.6	9.4	3.9	5.1	17.5	42.4
	2010	28,642.4	5.0	95.0	24.4	9.2	4.4	5.0	17.0	40.6
	2015	34,301.9	3.1	96.9	21.8	10.2	4.7	5.2	18.0	41.7
United Kingdom	2000	9,484.9	35.6	64.4	14.2	27.7	6.3	3.4	18.3	29.7



Region or country	Year	GBARD (current PPP US\$millions)	Percentage of GBARD		Percentage of nondefense					
			Defense	Nondefense	Economic development programs	Health and environment	Education and society	Civil space	Non- oriented research	General university funds
	2010	13,341.6	18.2	81.8	8.5	32.3	5.0	2.1	22.0	30.1
	2015	14,696.1	16.4	83.6	15.8	35.1	5.1	4.0	13.8	26.2
Japan	2000	21,193.4	4.1	95.9	33.4	6.6	1.0	5.8	14.6	37.0
	2010	32,149.0	4.8	95.2	27.6	7.4	0.9	7.1	21.0	35.9
	2015	33,907.4	4.4	95.6	24.7	6.9	0.7	6.5	23.0	38.2
South Korea	2000	5,017.9	20.5	79.5	53.4	14.8	3.8	3.1	24.9	**
	2010	16,300.1	13.3	86.7	52.1	13.7	2.4	2.7	29.1	**
	2015	21,207.5	13.5	86.5	50.3	14.7	7.8	3.1	24.1	**

** = included in other categories. na = not applicable; country or region does not use this funding mechanism.

EU = European Union; GBARD = government budget appropriations or outlays for R&D; PPP = purchasing power parity.

Note(s)

Foreign currencies are converted to dollars through PPPs. The GBARD statistics reported for the United States are federal budget authority data. GBARD data are not yet available for China or India. The socioeconomic objective categories are aggregates of the 14 categories identified by Eurostat's 2007 Nomenclature for the Analysis and Comparison of Scientific Programmes and Budgets. The data are as reported by the Organisation for Economic Co-operation and Development (OECD).

Source(s)

OECD, *Main Science and Technology Indicators* (2017/1).

Science and Engineering Indicators 2018