

Table RD-18

Government R&D support, by major socioeconomic objectives, for selected countries or regions: Selected years, 2000–19

(Millions of U.S. dollars and percent)

Country or region	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	72,681.0	44.4	55.6	13.4	49.9	1.8	20.9	13.8	na
	2010	119,382.0	46.7	53.3	12.5	56.1	1.6	12.9	16.9	na
	2019	149,971.0	46.9	53.1	12.8	56.4	1.5	12.7	16.5	na
EU-27	2000	63,857.3	9.8	90.2	22.6	9.7	3.3	6.7	19.0	37.8
	2010	103,142.4	5.0	95.0	23.8	12.1	6.7	5.7	17.8	33.5
	2019	134,498.4	2.4	97.6	20.6	12.6	4.9	5.8	18.0	35.9
France	2000	14,884.5	21.4	78.6	17.7	9.7	1.1	13.2	27.4	28.5
	2010	19,157.7	14.7	85.3	21.1	12.6	5.3	12.7	19.6	27.0
	2019	20,923.5	1.2	98.8	13.5	13.9	1.3	12.0	22.1	24.0
Germany	2000	17,239.1	7.8	92.2	21.6	9.4	3.9	5.1	17.5	42.4
	2010	28,611.2	5.0	95.0	24.4	9.2	4.4	5.0	17.0	40.6
	2019	45,600.7	4.4	95.6	23.5	10.1	4.6	4.7	15.9	41.2
United Kingdom	2000	9,495.0	35.6	64.4	14.2	27.7	6.3	3.4	18.3	29.7
	2010	13,327.1	18.2	81.8	8.5	32.3	5.0	2.1	22.0	30.1
	2019	18,072.0	11.4	88.6	23.1	29.6	5.7	1.4	14.2	26.0
Japan	2000	21,227.8	4.1	95.9	33.4	6.6	1.0	5.8	14.6	37.0
	2010	32,140.4	4.8	95.2	27.6	7.4	0.9	7.1	21.0	35.9
	2019	40,934.9	3.0	97.0	34.3	11.8	0.7	5.7	20.6	26.8
South Korea	2000	5,014.6	20.5	79.5	53.4	14.8	3.8	3.1	24.9	**
	2010	16,297.9	13.3	86.7	52.1	13.7	2.4	2.7	29.1	**
	2019	24,008.6	16.3	83.7	48.6	15.4	8.2	2.2	25.7	**

** = included in other categories; na = not applicable.

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

Note(s):

The most recent year for which all the selected countries could provide complete data is 2019. Foreign currencies are converted to U.S. 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 Programs and Budgets (NABS) (Eurostat 2007). The figures are as reported by the Organisation for Economic Co-operation and Development.

Source(s):Organisation for Economic Co-operation and Development, *Main Science and Technology Indicators* (September 2021 edition).*Science and Engineering Indicators*