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Gross domestic expenditure on research and development, by funding and performing sectors in selected OECD countries

Country	Year ¹	R&D expenditure		Financed by			Performed by			
		Millions of US-\$ ²	Share of GDP in %	Business enterprise sector	Government sector	Other national sources and abroad	Business enterprise sector	Government sector	Higher education sector ³	PNP sector ⁴
Share in %										
Japan ⁸	2016	160,269.3	3.11	78.1	15.0	6.9	78.8	7.5	12.3	1.4
	2017	166,621.7	3.17	78.3	15.0	6.7	78.8	7.8	12.0	1.4
	2018	172,035.8	3.22	79.1	14.6	6.4	79.4	7.8	11.6	1.3
	2019	172,137.1	3.21	78.9	14.7	6.4	79.2	7.8	11.7	1.3
	2020	174,065.4	3.27	78.3	15.2	6.5	78.7	8.3	11.7	1.4
Canada	2016	29,014.6	1.73	42.7	30.9	26.4	53.5	6.6	39.4	0.4
	2017	29,788.7	1.69	43.1	32.4	24.5	52.7	7.0	39.8	0.5
	2018	32,190.0	1.74	44.3	31.3	24.4	53.7	7.0	38.9	0.4
	2019	32,357.6	1.75	44.5	31.5	24.0	53.7	6.7	39.2	0.5
	2020	32,628.5	1.84	42.8	33.5	23.7	51.6	8.8	39.3	0.3
Korea	2016	80,816.0	3.99	75.4	22.7	1.9	77.7	11.5	9.1	1.6
	2017	90,289.9	4.29	76.2	21.6	2.2	79.4	10.7	8.5	1.4
	2018	100,282.6	4.52	76.6	20.6	2.8	80.3	10.1	8.2	1.4
	2019	102,988.6	4.63	76.9	20.7	2.4	80.3	10.0	8.3	1.4
	2020	112,868.2	4.81	76.6	22.4	1.0	79.1	10.1	9.0	1.8
United States ⁹	2016	533,465.0	2.85	64.0	23.2	12.8	73.2	9.8	12.7	4.3
	2017	565,929.0	2.91	63.4	22.5	14.1	73.6	9.6	12.6	4.3
	2018	618,531.0	3.01	64.0	21.9	14.1	74.0	9.7	12.1	4.1
	2019	678,603.0	3.18	65.5	20.7	13.8	74.9	9.5	11.5	4.0
	2020	720,880.0	3.45	66.2	20.1	13.7	75.3	9.5	11.3	4.0

y = data included in another position.

- 1 Some figures are revised, provisional, estimated or only partly comparable with figures from previous years or include other sectors (see original edition of "Main Science and Technology Indicators 2022/1").
- 2 Nominal expenditures converted into US dollar purchasing power parities.
- 3 Including general funding for higher education research.
- 4 PNP: private non-profit institutions.
- 5 The PNP sector is included in the performance data of the government sector.
- 6 Funds received by the state research institutes from external sources are excluded from government allocations.
- 7 Excluding funding by public research foundations.
- 8 Government budget allocations for R&D data represent the budget for science and technology and cover central government only.
- 9 Excludes most or all capital expenditure (included in the government sector only).

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This table also appears in the Federal Report on Research and Innovation as Table 3.

Source: OECD (Main Science and Technology Indicators 2022/1) and calculations of the German Centre for Higher Education Research and Science Studies

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<https://www.govdata.de/dl-de/by-nc-1-0>