

(Year 2021)

(Million USD, current prices, % by source)

	Total	% of GDP	Business enterprise	Government	Higher education	Others
U.S.	^{DP} 806,013	3.5%	^P 547,349 (67.9%)	^{DP} 160,277 (19.9%)	^{DP} 24,147 (3.0%)	74,240 (9.2%)
China	667,639	2.4%	520,827 (78.0%)	126,564 (19.0%)	N/A	20,248 (3.0%)
Japan	177,428	3.3%	138,519 (78.1%)	*27,423 (15.5%)	*9,179 (5.2%)	2,306 (1.3%)
Germany	153,724	3.1%	^D 96,506 (62.8%)	^D 46,062 (30.0%)	N/A	11,156 (7.3%)
U.K.	^P 97,793	2.9%	^P 57,252 (58.5%)	^P 18,976 (19.4%)	^P 8,298 (8.5%)	13,266 (13.6%)
S. Korea	119,583	4.9%	91,023 (76.1%)	27,268 (22.8%)	547 (0.5%)	746 (0.6%)

* Estimate. D Difference in methodology. P Provisional value.

Note: Gross domestic spending on R&D is defined as the total expenditure (current and capital) on R&D carried out by all residents, companies, research institutes, universities and government laboratories, etc., in a country.

Source: OECD https://stats.oecd.org/Index.aspx?DataSetCode=GERD_SOF <https://data.oecd.org/rd/gross-domestic-spending-on-r-d.htm>