

Table 1401. Research and Development (R&D) Expenditures by Country

[Figures are for 2007, except as noted, or latest year available. GDP = gross domestic product; for explanation, see text, Section 13]

Country	Gross domestic expenditure on R&D (GERD)				Higher education expenditure on R&D (HERD)	
	Percent of GDP	Percent financed by—		Per capita at current U.S. dollars, PPPs ¹	Percent of GERD	Percent of GDP
		Government	Industry			
OECD total	2.29	28.56	63.79	748	16.8	0.38
EU-15 ²	1.90	33.36	55.60	635	21.6	0.41
EU-27 ³	1.77	34.11	54.98	530	21.8	0.39
Australia ⁴	2.01	38.37	57.23	716	25.7	0.52
Austria ⁴	2.56	35.60	47.68	952	24.1	0.62
Belgium	1.87	24.65	59.68	662	21.8	0.41
Brazil	1.02	57.88	39.38	92	(NA)	(NA)
Canada ⁴	1.88	31.42	49.40	724	33.7	0.63
China ^{5,6}	1.49	24.62	70.37	77	8.5	0.13
Czech Republic	1.54	41.19	53.96	369	16.9	0.26
Denmark	2.55	27.58	59.53	917	25.5	0.70
Finland	3.47	24.05	68.20	1,206	18.7	0.65
France	2.08	38.42	52.44	680	19.2	0.40
Germany	2.54	27.76	68.07	874	16.3	0.41
Greece	0.57	46.82	31.06	163	50.4	0.29
Hungary	0.97	44.41	43.86	181	23.4	0.23
Iceland	2.75	38.80	50.35	980	25.1	0.69
India	0.71	80.81	16.11	13	4.9	0.03
Ireland	1.31	30.13	59.26	591	26.4	0.35
Italy	1.13	48.32	40.42	334	30.3	0.34
Japan ⁴	3.44	15.63	77.71	1,157	12.6	0.43
Korea	3.47	24.80	73.65	861	10.7	0.37
Luxembourg	1.63	16.61	79.72	1,300	3.0	0.05
Mexico	0.46	45.34	46.49	57	27.4	0.13
Netherlands	1.70	36.23	51.06	669	26.6	0.45
New Zealand	1.21	42.66	40.14	325	30.1	0.36
Norway	1.64	44.87	45.25	878	31.4	0.51
Poland	0.57	58.61	34.26	91	33.9	0.19
Portugal	1.18	55.20	36.27	269	29.9	0.35
Russia	1.12	62.62	29.45	165	6.3	0.07
Slovakia	0.46	53.92	35.60	92	25.0	0.11
South Africa	0.92	38.19	43.87	76	19.3	0.18
Spain	1.27	42.49	47.07	401	26.4	0.33
Sweden	3.60	24.43	63.86	1,320	21.3	0.77
Switzerland	2.90	22.71	69.73	1,003	22.9	0.66
Turkey	0.71	47.07	48.45	92	48.2	0.34
United Kingdom	1.79	29.33	47.19	640	24.5	0.44
United States^{4,7,8}	2.68	27.73	66.44	1,221	13.3	0.36

NA Not available or not applicable. ¹ Purchasing power parities. See headnote, Table 1349. ² See footnote 2, Table 1378.

³ See footnote 5, Table 1377. ⁴ Government budget appropriations for R&D: federal government only. ⁵ See footnote 4, Table 1332.

⁶ Percent of GERD/BERD financed by government or industry; the sum of the breakdown does not add to the total. ⁷ GERD, BERD: Excluding most or all capital expenditures. ⁸ HERD: Excluding most or all capital expenditures.

Source: Organization for Economic Cooperation and Development (OECD), 2010, "Main Science and Technology Indicators," *OECD Science, Technology and R&D Statistics* database (copyright), <<http://dx.doi.org/10.1787/data-00182-en>>, accessed May 2010.

Table 1402. Development Assistance by Country: 2009

[119,782 represents \$119,782,000,000]

Country	Official development aid (ODA)			Multilateral ODA (mil. U.S. dol.)	Net private grants (mil. U.S. dol.)
	Mil. U.S. dollars	Percent of GNI ¹	Percent of total DAC ² ODA		
DAC² total	119,782	0.31	100.0	36,278	22,047
EU-15 ³	67,211	0.44	56.1	26,226	3,328
United States	28,831	0.21	24.1	3,658	16,288
Australia	2,762	0.29	2.3	450	(NA)
Austria	1,142	0.30	1.0	635	140
Belgium	2,610	0.55	2.2	1,025	377
Canada	4,000	0.30	3.3	859	1,338
Denmark	2,810	0.88	2.3	904	116
Finland	1,290	0.54	1.1	499	17
France	12,602	0.47	10.5	5,581	(NA)
Germany	12,079	0.35	10.1	4,983	1,369
Greece	607	0.19	0.5	310	2
Ireland	1,006	0.54	0.8	313	182
Italy	3,297	0.16	2.8	2,423	162
Japan	9,457	0.18	7.9	3,290	533
Korea	816	0.10	0.7	235	156
Luxembourg	415	1.04	0.3	149	13
Netherlands	6,426	0.82	5.4	1,628	542
New Zealand	309	0.28	0.3	83	46
Norway	4,086	1.06	3.4	918	(NA)
Portugal	513	0.23	0.4	236	4
Spain	6,584	0.46	5.5	2,111	(NA)
Sweden	4,548	1.12	3.8	1,539	74
Switzerland	2,310	0.45	1.9	559	357
United Kingdom	11,283	0.51	9.4	3,891	329

NA Not available. ¹ Gross national income. See headnote, Table 1348. ² DAC: OECD Development Assistance Committee.

³ See footnote 2, Table 1378.

Source: Organization for Economic Cooperation and Development (OECD), 2011, "Aggregate Aid Statistics: ODA by donor," *OECD International Development Statistics* database (copyright), <<http://stats.oecd.org/Index.aspx?QueryId=29354>>, accessed April 2011.