

Table 45. Higher education expenditure on R&D (HERD) at 2010 prices and PPP

Million 2010 USD

	2005	2011	2012	2013	2014	2015	2016
Australia	..	5 809.2 ^e	6 293.0	6 403.1 ^e	6 597.3	6 238.3 ^e	..
Austria	1 933.1 ^e	2 471.3	2 609.2 ^e	2 619.4	2 677.3 ^e	2 661.9	2 735.3 ^p
Belgium	1 618.7	2 141.2	2 160.1	2 266.1	2 230.3	2 300.2	2 335.1 ^p
Canada	8 637.7	9 385.1	9 996.7 ^b	9 878.5	9 752.6	10 099.8	10 152.8 ^p
Chile	..	375.1	430.5	551.6	536.5 ^b	551.1	577.0 ^p
Czech Republic	557.7	1 119.0	1 434.0	1 507.6	1 501.0	1 514.9	1 110.1
Denmark	1 392.6	2 200.3	2 287.8	2 464.0	2 430.4	2 494.9 ^p	2 341.0 ^e
Estonia	112.3	198.7	220.2	239.7	217.5	211.9	160.0
Finland	1 265.8	1 551.4	1 552.0	1 475.8	1 503.2	1 466.6	1 464.2
France	8 685.9	10 950.5	11 085.0	11 226.3	12 215.3 ^b	12 222.4	12 246.4 ^p
Germany	12 090.7	16 628.2	16 935.8	16 991.9	17 426.1	17 555.8	18 773.6 ^b
Greece	875.7	769.5	737.6	775.6	796.7	936.7	821.7
Hungary	504.6 ^d	525.9 ^d	501.4 ^d	439.9 ^d	419.0 ^d	391.9 ^d	325.7 ^d
Iceland	69.2	81.8 ^b	..	86.6 ^b	88.6	93.2	100.9
Ireland	616.2	797.6 ^e	769.8	800.7 ^e	843.0	820.2 ^e	876.1 ^e
Israel ¹	1 069.4 ^d	1 198.6 ^d	1 258.3 ^d	1 293.5 ^d	1 336.1 ^d	1 359.5 ^d	1 353.3 ^{d,e}
Italy	6 673.9 ^b	7 233.2	7 233.6	7 383.7	7 163.0 ^e	6 897.7 ^e	6 677.5 ^p
Japan	19 019.4	19 192.5	19 477.2	20 690.7 ^b	19 898.1	18 976.1	18 414.2
Korea	3 208.5 ^d	5 895.2	6 116.1	6 298.0	6 587.9	6 692.6	6 935.8
Latvia	81.2	133.6	136.4	109.7	119.0	136.3	86.8
Luxembourg	9.1	69.6	95.4	111.2	100.6	118.4	119.7
Mexico	1 855.0	2 849.3	2 508.8	2 472.8	2 759.6 ^{e,p}	2 829.4 ^{e,p}	2 701.0 ^{e,p}
Netherlands	4 312.6	4 674.3	4 561.8	4 658.4	4 844.5	4 953.6	5 044.5 ^p
New Zealand	459.1	547.7	..	513.0	..	595.4	..
Norway	1 199.3	1 513.6	1 557.3	1 614.1	1 642.5	1 800.6	1 941.9
Poland	1 128.6	2 203.8	2 594.1	2 208.8	2 455.4	2 695.6	2 901.4 ^p
Portugal	751.2	1 504.0	1 368.0	1 594.3 ^b	1 597.7	1 565.3	1 605.0 ^p
Slovak Republic	107.8	321.1	385.7	389.6	444.7	784.8	344.8
Slovenia	123.5	163.6 ^b	159.5	148.1	140.4	129.9	130.2 ^p
Spain	4 490.8	5 508.8	5 111.0	4 999.5	4 952.7	5 056.1	4 967.0
Sweden	2 688.4	3 425.0	3 556.0 ^e	3 630.9	3 783.5 ^e	3 784.4	3 910.4 ^p
Switzerland	3 551.0	..	3 880.4	4 059.4	..
Turkey	3 344.4	5 100.0	5 366.1	5 488.3	5 847.2	6 215.8	6 290.4
United Kingdom	8 911.8	9 957.2	9 920.7	10 298.0	10 469.7	10 581.6	10 546.2 ^p
United States	51 724.5 ^d	61 172.0 ^d	58 585.0 ^d	58 269.3 ^d	57 993.5 ^d	59 486.6 ^d	61 341.9 ^{d,p}
EU28 (OECD estimates)	59 781.2 ^e	75 607.8 ^e	76 422.1 ^e	77 322.2 ^e	79 291.6 ^e	80 371.9 ^e	80 139.2 ^e
OECD-Total²	156 344.1^e	190 932.5^e	191 195.1^e	193 609.9^e	195 829.0^e	198 309.1^e	200 343.8^e
Argentina	646.9	1 377.4	1 501.6	1 472.3	1 429.0	1 306.7	1 097.7
China	9 450.6	19 253.4	21 306.8	22 876.8	23 785.5	26 420.9	28 055.6
Romania	168.0	398.8 ^b	338.9	281.1	221.2	336.3	226.0
Russian Federation	1 518.6	3 007.6	3 252.9	3 203.4	3 658.0	3 579.8	3 384.2
Singapore	1 352.8	2 265.4	2 299.6	2 422.6	2 567.7
South Africa	859.7	1 356.4	1 429.5	1 339.2	1 457.5	1 634.6	..
Chinese Taipei	1 922.8	3 175.4	3 153.1	3 113.2	3 007.8	2 911.5	2 922.9

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1. Information on data for Israel: <http://dx.doi.org/10.1787/888932315602>

2. Lithuania was not an OECD Member at the time of preparation of this publication. Accordingly, Lithuania does not appear in the list of OECD Members and is not included in the OECD zone aggregates.

Source: OECD, Main Science and Technology Indicators database, July 2018