

Table 45. Higher education expenditure on R&D (HERD) at 2015 prices and PPP

Million 2015 USD

	2005	2013	2014	2015	2016	2017	2018
Australia	..	6 656.0 ^e	6 845.6	6 477.9 ^e	7 113.1	7 210.3 ^e	7 553.0
Austria	2 248.5 ^e	3 046.7	3 118.4 ^e	3 090.7	3 050.1 ^{b,e}	3 085.1	3 253.9 ^p
Belgium	1 813.3	2 547.2	2 499.1	2 571.8	2 821.8	2 843.8	2 887.3 ^e
Canada	9 066.2	10 366.6	10 239.5	10 612.9	10 982.8	11 130.1	11 057.5 ^p
Chile	..	598.5	582.3 ^b	598.1	659.5 ^{b,p}	684.8	722.1 ^p
Colombia	322.4	610.7	631.8	643.8	505.4	497.4	601.5
Czech Republic	628.5	1 699.1	1 691.6	1 707.3	1 250.7	1 335.2	1 619.8
Denmark	1 525.3	2 698.7	2 662.0	2 891.1	2 881.8	2 874.0 ^p	2 957.8 ^p
Estonia	126.8	267.2	239.0	233.0	175.7	212.9	275.0
Finland	1 402.2	1 636.6	1 667.9	1 631.4	1 639.4	1 714.6	1 743.8
France	9 579.7	12 442.4	13 539.6 ^b	13 553.5	12 549.5	12 810.5 ^p	12 869.6 ^e
Germany	13 784.6	19 052.1	19 526.0	19 724.8	21 124.8 ^b	21 730.2	22 790.6
Greece	995.2	881.4	905.4	1 057.3	920.9	944.0	1 006.8
Hungary	555.2 ^d	484.3 ^d	460.3 ^d	428.2 ^d	355.8 ^d	495.4 ^d	573.1 ^{b,d}
Iceland	78.5	96.1 ^b	98.7	104.3	113.1	119.4	120.3
Ireland	741.7	880.9 ^e	972.2	913.4 ^e	927.8	934.5 ^e	948.5
Israel ¹	1 215.4 ^d	1 468.5 ^d	1 497.9 ^d	1 534.6 ^d	1 519.3 ^d	1 509.6 ^{d,e}	1 519.4 ^{d,e}
Italy	7 422.4 ^b	8 190.0	7 948.8 ^e	7 654.8 ^e	7 493.8 ^e	7 455.3 ^e	7 579.8 ^e
Japan	20 742.3	22 565.0 ^b	21 700.5	20 694.2	20 082.0	20 326.9	20 034.5 ^b
Korea	3 374.8 ^d	6 655.5	6 940.6	6 996.8	7 250.6	7 476.3	7 850.9
Latvia	90.9	122.4	132.7	152.0	96.3	124.6	181.5
Lithuania	268.2	412.2	441.1	485.5	281.6	283.0	314.0
Luxembourg	10.7	131.3	117.6	139.8	152.8	162.6	160.0 ^e
Mexico	2 050.6	2 833.7	4 586.3	4 821.8	4 484.6	3 865.2 ^e	3 783.4 ^e
Netherlands	4 713.2	5 105.7	5 304.2	5 425.4	5 291.1	5 470.5	5 392.5 ^p
New Zealand	501.6	560.7	..	594.4	..	618.1	..
Norway	1 251.4	1 687.1	1 717.8	1 884.1	2 039.2	2 253.7	2 376.5
Poland	1 237.6	2 422.1	2 692.4	2 955.4	3 180.8	3 752.0	4 452.0
Portugal	834.5	1 771.4 ^b	1 776.0	1 740.1	1 795.7	1 821.1	1 879.2
Slovak Republic	113.4	409.8	467.9	826.3	363.3	373.4	361.0
Slovenia	138.4	166.1	157.9	146.1	146.7	147.6	170.8
Spain	4 940.7	5 506.1	5 456.0	5 573.6	5 473.2	5 635.3	5 774.9
Sweden	2 924.0	3 971.0	4 139.2 ^e	4 137.9	4 278.6 ^e	4 225.0	4 319.6 ^e
Switzerland	4 551.9	4 763.1	..	5 092.3	..
Turkey	3 785.2	6 211.7	6 617.9	7 035.1	7 119.5	7 185.6	7 199.3
United Kingdom	9 766.8	11 284.1	11 459.7	11 567.9	11 362.2	11 343.0	11 875.8
United States	56 306.1 ^d	63 338.6 ^d	62 998.3 ^d	64 623.0 ^d	67 105.3 ^d	69 217.1 ^d	70 862.9 ^{d,p}
EU28 (OECD estimates)	66 461.6 ^e	85 810.8 ^e	88 007.3 ^e	89 349.8 ^e	88 303.7 ^e	90 449.8 ^e	94 150.0 ^e
OECD-Total	171 427.4^e	213 131.3^e	216 975.3^e	219 983.1^e	222 137.5^e	226 954.7^e	232 948.7^e
Argentina	686.8	1 563.3	1 517.4	1 387.5	1 156.9	1 219.9	..
China	9 221.9	22 414.7	23 231.8	25 798.0	27 287.0	30 853.7	34 271.1
Romania	181.6	305.2	240.1	364.8	244.2	257.6	246.8
Russian Federation	1 562.3	3 303.7	3 772.9	3 723.3	3 546.1	3 601.2	3 507.9
Singapore	1 449.1	2 583.9	2 738.9	3 069.1	3 131.6	2 928.3	2 742.9
South Africa	891.9	1 389.4	1 512.2	1 695.1	1 866.6
Chinese Taipei	2 094.5	3 523.2	3 424.5	3 346.4	3 326.1	3 408.2	3 654.0

Note: Detailed metadata: <http://metalinks.oecd.org/msti/20200805/3885>

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

Source: OECD, Main Science and Technology Indicators database