

Table 43. Higher education expenditure on R&D (HERD) at current prices and PPP

Million USD

	2005	2014	2015	2016	2017	2018	2019
Australia	..	6 984.6	6 479.6 ^e	7 500.9	7 603.8 ^e	8 257.0	..
Austria	1 689.8 ^e	3 047.5 ^e	3 089.8	3 187.4 ^{b,e}	3 268.6	3 498.1	3 551.8
Belgium	1 389.2	2 464.7	2 571.1	2 939.9	3 034.7	3 167.9	3 329.9
Canada	7 841.7	10 478.3	10 612.6	11 441.2	11 827.9	12 592.6	12 577.4 ^p
Chile	..	591.3 ^b	598.4	678.7 ^{b,p}	737.7	768.9 ^p	..
Colombia	280.9	638.5	637.4	522.6	528.5	662.8	601.7
Czech Republic	486.2	1 702.5	1 706.8	1 302.6	1 427.9	1 784.1	1 942.1
Denmark	1 090.8	2 641.4	2 890.3	2 980.3	3 107.5	3 319.8	3 485.7 ^p
Estonia	85.6	241.0	232.9	182.0	225.5	301.5	292.8
Finland	1 064.0	1 641.9	1 631.0	1 691.2	1 814.6	1 906.8	2 019.7
France	7 442.5	13 402.3 ^b	13 549.9	13 074.9	13 589.6 ^p	14 052.4 ^p	14 715.2 ^p
Germany	10 726.2	19 416.8	19 719.5	22 092.1 ^b	23 204.5	24 976.2	25 816.3
Greece	772.6	905.2	1 057.0	950.3	1 003.1	1 096.4	1 292.1
Hungary	399.0 ^d	460.0 ^d	428.1 ^d	360.6 ^d	505.4 ^d	596.7 ^{b,d}	696.0 ^d
Iceland	65.2	95.8	104.2	116.8	125.4	129.6	141.5
Ireland	543.6	891.4	913.2 ^e	942.7	960.1 ^e	1 107.3	1 180.4 ^e
Israel ¹	1 035.2 ^d	1 450.6 ^d	1 534.7 ^d	1 590.9 ^d	1 520.7 ^d	1 596.4 ^{d,e}	1 622.4 ^{d,e}
Italy	5 509.9 ^b	7 863.1 ^e	7 652.7 ^e	7 989.4 ^e	8 129.6 ^e	8 462.1 ^e	8 821.6 ^e
Japan	17 250.4	21 326.7	20 690.3	19 741.3	20 015.6	19 973.5 ^b	20 259.1
Korea	3 040.0 ^d	6 614.4	6 995.9	7 382.2	7 658.0	8 144.0	8 487.1
Latvia	66.6	132.6	151.9	99.7	132.9	198.6	215.4
Lithuania	197.1	443.8	485.3	290.9	301.9	342.9	392.3
Luxembourg	7.5	116.9	139.8	159.3	173.0	172.3 ^e	173.3 ^{e,p}
Mexico	1 536.9	4 617.5	4 820.9	4 658.3	4 057.4 ^e	4 019.0 ^e	3 761.8 ^e
Netherlands	3 775.3	5 269.5	5 423.6	5 410.8	5 761.0	5 910.4	6 237.9
New Zealand	386.3	..	593.4	..	670.9	..	751.5 ^p
Norway	1 010.1	1 802.0	1 883.6	2 055.0	2 392.0	2 625.8	2 697.3
Poland	942.5	2 668.0	2 954.6	3 249.2	3 881.5	4 648.9	6 109.3
Portugal	640.1	1 758.6	1 739.7	1 869.3	1 910.1	2 018.2	2 146.2
Slovak Republic	90.1	474.8	826.1	353.0	357.8	350.1	369.9
Slovenia	113.3	157.4	146.0	152.4	157.7	187.2	207.5
Spain	3 846.5	5 444.4	5 572.1	5 678.1	6 037.9	6 244.2	6 614.7
Sweden	2 284.9	4 111.2 ^e	4 136.8	4 358.4 ^e	4 380.9	4 582.1 ^e	4 561.1 ^b
Switzerland	..	4 415.2	4 761.8	..	5 234.7
Turkey	2 509.8	6 457.8	7 033.2	7 206.7	7 237.2	7 153.6	7 073.8
United Kingdom	7 885.7	11 294.4	11 564.8	11 668.8	11 938.6	12 786.2	13 140.7 ^p
United States	47 006.0 ^d	62 352.0 ^d	64 621.0 ^d	67 774.0 ^d	71 108.0 ^d	74 897.0 ^d	78 717.0 ^{d,p}
EU27 (from 01/02/2020)	43 579.1 ^e	75 883.8 ^e	77 760.0 ^e	80 038.1 ^e	84 103.9 ^e	89 777.9 ^e	95 180.0 ^e
OECD-Total	138 670.2^e	214 975.4^e	219 941.5^e	227 358.8^e	236 019.9^e	248 638.4^e	258 682.3^e
Argentina	573.5	1 516.2	1 393.4	1 211.2	1 458.4	1 374.9	1 140.4
China	8 523.0	23 894.1	25 798.7	26 881.0	30 258.6	34 487.7	42 652.1
Romania	115.5	238.9	364.7	260.4	284.6	279.9	305.7
Russian Federation	1 047.3	3 947.4	3 723.3	3 552.1	3 810.9	4 034.4	4 728.7
Singapore	1 305.6	2 705.4	3 069.1	3 158.3	3 008.9	2 920.5	..
South Africa	781.3	1 503.5	1 695.5	1 893.0	2 024.3
Chinese Taipei	1 745.7	3 298.9	3 280.0	3 226.7	3 277.8	3 585.8	3 702.0

Note: Detailed metadata: <http://metalinks.oecd.org/msti/20210922/b090>

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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