

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

Million USD

	2005	2015	2016	2017	2018	2019	2020
Australia	..	6 479.6 ^e	7 500.9	7 603.8 ^e	8 268.3	8 575.0 ^e	8 760.4
Austria	1 689.8 ^e	3 089.8	3 187.4 ^{b,e}	3 268.6	3 492.0 ^e	3 517.6	3 569.3 ^e
Belgium	1 389.2	2 571.1	2 939.9	3 034.7	3 162.2	3 290.5	3 491.6 ^e
Canada	7 841.7	10 612.6	11 446.1	11 849.3	12 519.4	12 672.8	12 828.7 ^p
Chile	..	598.4	678.7 ^{b,p}	737.7	830.0 ^e	806.0 ^e	768.7 ^e
Colombia	280.9	637.4	522.6	526.7	680.1	611.4	466.4
Czech Republic	486.2	1 706.8	1 302.6	1 427.9	1 784.1	1 921.0	1 915.3
Denmark	1 090.8	2 890.3	2 980.3	3 107.5	3 321.3	3 404.4	3 598.7
Estonia	85.6	232.9	182.0	225.5	302.3	289.4	301.2
Finland	1 064.0	1 631.0	1 691.2	1 814.6	1 902.0	1 974.7	2 015.2
France	7 442.5	12 585.0	13 074.9	13 535.4	14 039.1	14 542.5	15 064.7 ^{e,p}
Germany	10 726.2	19 719.5	22 092.1 ^b	23 204.5	25 018.4	25 526.4	27 035.8
Greece	772.6	1 057.0	950.3	1 003.1	1 095.1	1 271.8	1 433.8
Hungary	399.0 ^d	428.1 ^d	360.6 ^d	505.4 ^d	597.7 ^{b,d}	686.9 ^d	672.1 ^d
Iceland	65.2	104.2	116.8	125.4	127.2	137.1	139.3
Ireland	543.6	913.2 ^e	942.7	1 025.9 ^e	1 105.9	1 148.5 ^e	1 296.7 ^e
Israel	1 035.2 ^d	1 534.7 ^d	1 590.9 ^d	1 520.7 ^d	1 565.6 ^d	1 514.1 ^{d,e}	1 512.0 ^d
Italy	5 509.9 ^b	7 652.7 ^e	7 989.4 ^e	8 129.6 ^e	8 445.8 ^e	8 700.5 ^e	8 704.2 ^e
Japan	17 250.4	20 690.3	19 741.3	20 015.6	19 886.8 ^b	20 127.0	20 366.8
Korea	3 040.0 ^d	6 995.9	7 382.2	7 658.0	8 247.3	8 525.8	10 130.1
Latvia	66.6	151.9	99.7	132.9	199.0	213.0	212.1
Lithuania	197.1	485.3	290.9	301.9	343.0	389.6	461.1
Luxembourg	7.5	139.8	159.3	173.0	171.9	187.1	185.6 ^{e,p}
Mexico	1 536.9	4 820.9	4 658.3	4 057.4 ^e	3 986.7 ^e	3 652.6 ^e	3 642.6 ^e
Netherlands	3 775.3	5 423.6	5 410.8	5 761.0	5 902.8	6 167.8	6 643.3
New Zealand	386.3	593.4	..	670.9	..	757.6 ^p	..
Norway	1 010.1	1 883.6	2 055.0	2 392.0	2 629.5	2 640.0	2 551.0
Poland	942.5	2 954.6	3 249.2	3 881.5	4 645.2	6 031.6	6 324.7
Portugal	640.1	1 739.7	1 869.3	1 910.1	2 018.0	2 101.2	2 049.3
Slovak Republic	90.1	826.1	353.0	357.8	346.6	362.6	408.3
Slovenia	113.3	146.0	152.4	157.7	187.4	204.9	219.4
Spain	3 846.5	5 572.1	5 678.1	6 037.9	6 245.7	6 540.1	6 697.6
Sweden	2 284.9	4 136.8	4 358.4 ^e	4 380.9	4 579.4 ^e	4 500.2 ^b	4 650.7
Switzerland	..	4 761.8	..	5 234.7	..	5 611.4	..
Türkiye	2 509.8	7 033.2	7 206.7	7 237.2	7 157.3	6 960.9	7 107.7
United Kingdom	7 885.7	11 075.3	11 192.2	11 895.8	12 708.8	13 177.9	..
United States	45 490.0 ^d	64 635.0 ^d	67 792.0 ^d	71 115.0 ^d	74 914.0 ^d	78 176.0 ^d	81 111.0 ^{d,p}
EU27 (from 01/02/2020)	43 579.1 ^e	76 795.1 ^e	80 038.1 ^e	84 115.5 ^e	89 757.9 ^e	93 964.8 ^e	97 934.9 ^e
OECD-Total	137 152.9^e	218 500.6^e	226 905.1^e	236 014.0^e	248 593.7^e	256 917.2^e	266 855.8^e
Argentina	573.8	1 393.4	1 211.2	1 458.4	1 354.7	1 119.8	..
China	8 527.2	25 798.7	26 881.0	30 258.6	34 471.8	42 691.8	45 050.0
Romania	115.5	364.7	260.4	284.6	280.8	301.3	254.6
Russian Federation	1 047.3	3 723.3	3 552.1	3 810.9	4 054.0	4 854.8	4 722.5
Singapore	1 306.9	3 081.3	3 205.4	3 010.6	2 954.4	3 037.2	..
South Africa	768.4	1 695.5	1 893.0	2 024.3	2 020.4	2 116.6	..
Chinese Taipei	1 746.5	3 280.0	3 226.7	3 277.8	3 585.5	3 691.5	3 723.2

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Source: OECD, Main Science and Technology Indicators database