

UNITED STATES

R&D expenditure in industry by main activity of the enterprise, current prices

ISIC Rev. 4

Million USD PPP

	2011	2012	2013	2014	2015	2016	2017	2018
TOTAL BUSINESS ENTERPRISE	294 093.0	302 250.0	322 528.0	340 728.0	355 821.0	374 685.0	400 100.0	..
01-03 AGRICULTURE, FORESTRY AND FISHING	..	..	..	..	..	..	..	..
05-09 MINING AND QUARRYING	2 733.0	2 815.0	3 997.0	4 703.0	4 012.0	3 296.0	3 150.0	..
10-33 MANUFACTURING	201 361.0	208 415.0	221 476.0	232 815.0	236 132.0	250 553.0	257 227.0	..
10-12 Food products, beverages and tobacco	5 085.9 e	4 860.0 e	5 855.0	6 212.0	5 840.0	5 857.0 e	5 773.0	..
13-15 Textiles, wearing apparel, leather and related products	634.0	560.0	662.0	631.0	748.0	1 166.0	920.0	..
13 Textiles	..	..	..	..	..	..	..	..
14 Wearing apparel	..	..	..	..	..	..	..	..
15 Leather and related products, footwear	..	..	..	..	..	..	..	..
16-18 Wood and paper products and printing	1 732.0	1 469.0	1 392.0	1 319.0	1 157.0	1 259.0	1 726.0	..
16 Wood and wood products, except furniture	211.0	461.0	220.0	362.0	195.0	188.0	175.0	..
17 Paper and paper products	1 346.0	752.0	920.0	723.0	766.0	851.0	1 322.0	..
18 Printing and reproduction of recorded media	175.0	256.0	252.0	234.0	196.0	219.0	229.0	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	60 267.2 e	62 956.0	66 885.0	71 553.0	72 210.0	78 997.0	80 381.0	..
19 Coke and refined petroleum products	1 484.2 e	894.0	242.0	234.0	214.0	381.0	316.0	..
20-21 Chemical and pharmaceutical products	55 324.0	57 226.0	61 664.0	66 300.0	68 196.0	73 575.0	74 977.0	..
20 Chemicals and chemical products	9 375.0	9 080.0	9 238.0	9 688.0	9 521.0	8 947.0	8 775.0	..
21 Pharmaceuticals, medicinal, chemical and botanical products	45 949.0	48 146.0	52 426.0	56 612.0	58 675.0	64 628.0	66 202.0	..
22 Rubber and plastic products	2 280.0	3 509.0	3 650.0	3 574.0	2 541.0	3 752.0	3 754.0	..
23 Other non-metallic mineral products	1 179.0	1 327.0	1 329.0	1 445.0	1 259.0	1 289.0	1 334.0	..
24-25 Basic metals, metal products, except machinery and equipment	2 508.0	2 574.0	2 836.0	2 808.0	2 889.0	2 831.0	2 955.0	..
24 Basic metals	655.0	741.0	624.0	677.0	628.0	592.0	749.0	..
25 Fabricated metal products, except machinery and equipment	1 853.0	1 833.0	2 212.0	2 131.0	2 261.0	2 239.0	2 206.0	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	121 888.0	124 715.0	129 963.0	137 129.0	139 145.0	146 016.0	149 354.0	..
26 Computer, electronic and optical products	62 704.0	65 068.0	67 205.0	73 891.0	72 110.0	77 385.0	78 575.0	..
27 Electrical equipment	3 595.0	3 087.0	4 136.0	4 365.0	4 335.0	4 771.0	4 291.0	..
28 Machinery and equipment n.e.c.	14 709.0	14 254.0	12 650.0	12 128.0	13 426.0	12 585.0	13 197.0	..
29 Motor vehicles, trailers and semi-trailers	11 694.8 e	14 587.6 e	16 729.0	18 404.0	19 078.0	22 042.0	23 881.0	..
30 Other transport equipment	29 185.2 e	27 717.4 e	29 244.0	28 342.0	30 196.0	29 233.0 e	29 410.0	..
31-33 Furniture; repair, installation of machinery and equipment	9 245.9 e	11 281.0 e	13 883.0	13 162.0	14 142.0	14 427.8 e	16 117.0	..
31 Furniture	319.0	348.0	374.0	373.0	452.0	366.0	422.0	..
32 Other manufacturing	8 926.9 e	10 933.0 e	13 509.0	12 789.0	13 690.0	14 061.8 e	15 695.0	..
33 Repair and installation of machinery and equipment	..	..	..	..	..	..	..	..
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	386.0	348.0	294.0	310.0	480.0	351.0	317.0	..
35-36 Electricity, gas and water	..	..	..	..	..	..	..	..
37-39 Sewerage, waste management and remediation activities	..	..	..	..	..	..	..	..
41-43 CONSTRUCTION	775.0 e	760.0 e	248.0 e	204.0 e	520.0 e	255.0 e	587.0 e	..
45-99 TOTAL SERVICES	88 838.0 e	89 912.0 e	96 513.0 e	102 696.0 e	114 677.0 e	120 230.0	138 819.0	..
45-82 Business sector services	86 633.0	88 352.0	94 979.0 e	101 538.0	113 510.0	118 658.0	136 507.0	..
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	2 617.0	3 177.0	1 886.0	1 727.0	3 301.0	2 021.0	9 851.0	..
49-53 Transportation and storage	81.0	178.0	411.0 e	679.0	403.0	488.0	1 147.0	..
55-56 Accommodation and food service activities	..	..	..	..	..	..	..	..
58-63 Information and communication	55 124.0	58 056.0	66 475.0	74 792.0	79 846.0	86 495.0	93 578.0	..
58-60 Publishing, audiovisual and broadcasting activities	..	..	..	..	..	..	..	..
58 Publishing activities	28 435.0	28 987.0	35 675.0	36 140.0	33 346.0	33 574.0	34 338.0	..
59-60 Motion picture, video and TV programme production; broadcasting activities	..	..	..	..	..	..	..	..
59 Motion picture, video and TV programme production; sound and music	..	..	..	..	..	..	..	..
60 Programming and broadcasting activities	..	..	..	..	..	..	..	..
61 Telecommunications	2 157.0	2 824.0	3 041.0	3 755.0	3 607.0	4 004.8 e	3 744.0 e	..
62-63 IT and other information services	17 544.0	16 164.0	15 714.0	20 048.0	23 749.0	27 661.0	29 482.0	..
62 Computer programming, consultancy and related activities	13 259.0	11 251.0	9 268.0	11 019.0	14 333.0	15 747.0	13 327.0	..
63 Information service activities	4 285.0	4 913.0	6 446.0	9 029.0	9 416.0	11 914.0	16 155.0	..
64-66 Financial and insurance activities	3 457.0	3 519.0	4 308.0	4 122.0	5 366.0	7 331.0	7 616.0	..
68-82 Real estate; professional, scientific and technical; administrative and support	25 355.0	23 421.0	21 899.0	20 218.0	24 594.0	22 324.0	24 313.0	..
68 Real estate activities	71.0	21.0	92.0	207.0	233.0	449.0	579.0	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	9 659.0	6 514.0	7 548.0	7 149.0	7 964.0	7 006.0	6 275.0	..
72 Scientific research and development	15 301.0	16 544.0	14 201.0	12 807.0	16 329.0	14 842.0	17 321.0	..
77-82 Administrative and support service activities	324.0	342.0	58.0	55.0	68.0	27.0	138.0	..
84-99 Community, social and personal services	..	..	..	..	..	..	..	..
84-85 Public administration and defence; compulsory social security and education	..	..	..	..	..	..	..	..
86-88 Human health and social work activities	741.0	675.0	526.0	501.0	758.0	848.0	1 101.0	..
90-93 Arts, entertainment and recreation	..	..	..	..	..	..	..	..
94-99 Other services; household-employers; extraterritorial bodies	..	..	..	..	..	..	..	..

.. Not available; e Estimated value

Note: Detailed metadata at: <http://metalinks.oecd.org/anberd/20200813/2abe>.

UNITED STATES

R&D expenditure in industry by main activity of the enterprise, constant prices

ISIC Rev. 4

2010 USD PPP

	2011	2012	2013	2014	2015	2016	2017	2018
TOTAL BUSINESS ENTERPRISE	313 871.6	316 507.1	331 916.7	344 276.1	355 821.0	370 845.7	388 679.1	..
01-03 AGRICULTURE, FORESTRY AND FISHING	..	..	..	..	..	..	..	..
05-09 MINING AND QUARRYING	2 916.8	2 947.8	4 113.4	4 752.0	4 012.0	3 262.2	3 060.1	..
10-33 MANUFACTURING	214 903.1	218 245.9	227 923.1	235 239.4	236 132.0	247 985.7	249 884.4	..
10-12 Food products, beverages and tobacco	5 427.9 e	5 089.2 e	6 025.4	6 276.7	5 840.0	5 797.0 e	5 608.2	..
13-15 Textiles, wearing apparel, leather and related products	676.6	586.4	681.3	637.6	748.0	1 154.1	893.7	..
13 Textiles	..	..	..	..	..	..	..	..
14 Wearing apparel	..	..	..	..	..	..	..	..
15 Leather and related products, footwear	..	..	..	..	..	..	..	..
16-18 Wood and paper products and printing	1 848.5	1 538.3	1 432.5	1 332.7	1 157.0	1 246.1	1 676.7	..
16 Wood and wood products, except furniture	225.2	482.7	226.4	365.8	195.0	186.1	170.0	..
17 Paper and paper products	1 436.5	787.5	946.8	730.5	766.0	842.3	1 284.3	..
18 Printing and reproduction of recorded media	186.8	268.1	259.3	236.4	196.0	216.8	222.5	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	64 320.4 e	65 925.6	68 832.0	72 298.1	72 210.0	78 187.5	78 086.5	..
19 Coke and refined petroleum products	1 584.0 e	936.2	249.0	236.4	214.0	377.1	307.0	..
20-21 Chemical and pharmaceutical products	59 044.7	59 925.3	63 459.0	66 990.4	68 196.0	72 821.1	72 836.8	..
20 Chemicals and chemical products	10 005.5	9 508.3	9 506.9	9 788.9	9 521.0	8 855.3	8 524.5	..
21 Pharmaceuticals, medicinal, chemical and botanical products	49 039.2	50 417.0	53 952.1	57 201.5	58 675.0	63 965.8	64 312.2	..
22 Rubber and plastic products	2 433.3	3 674.5	3 756.3	3 611.2	2 541.0	3 713.6	3 646.8	..
23 Other non-metallic mineral products	1 258.3	1 389.6	1 367.7	1 460.0	1 259.0	1 275.8	1 295.9	..
24-25 Basic metals, metal products, except machinery and equipment	2 676.7	2 695.4	2 918.6	2 837.2	2 889.0	2 802.0	2 870.6	..
24 Basic metals	699.1	776.0	642.2	684.0	628.0	585.9	727.6	..
25 Fabricated metal products, except machinery and equipment	1 977.6	1 919.5	2 276.4	2 153.2	2 261.0	2 216.1	2 143.0	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	130 085.3	130 597.8	133 746.2	138 557.0	139 145.0	144 519.8	145 090.7	..
26 Computer, electronic and optical products	66 921.0	68 137.2	69 161.3	74 660.5	72 110.0	76 592.1	76 332.1	..
27 Electrical equipment	3 836.8	3 232.6	4 256.4	4 410.5	4 335.0	4 722.1	4 168.5	..
28 Machinery and equipment n.e.c.	15 698.2	14 926.4	13 018.2	12 254.3	13 426.0	12 456.0	12 820.3	..
29 Motor vehicles, trailers and semi-trailers	12 481.3 e	15 275.7 e	17 216.0	18 595.6	19 078.0	21 816.1	23 199.3	..
30 Other transport equipment	31 148.0 e	29 024.8 e	30 095.3	28 637.1	30 196.0	28 933.5 e	28 570.5	..
31-33 Furniture; repair, installation of machinery and equipment	9 867.7 e	11 813.1 e	14 287.1	13 299.1	14 142.0	14 280.0 e	15 656.9	..
31 Furniture	340.5	364.4	384.9	376.9	452.0	362.2	410.0	..
32 Other manufacturing	9 527.3 e	11 448.7 e	13 902.2	12 922.2	13 690.0	13 917.7 e	15 247.0	..
33 Repair and installation of machinery and equipment	..	..	..	..	..	..	..	..
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	412.0	364.4	302.6	313.2	480.0	347.4	308.0	..
35-36 Electricity, gas and water	..	..	..	..	..	..	..	..
37-39 Sewerage, waste management and remediation activities	..	..	..	..	..	..	..	..
41-43 CONSTRUCTION	827.1 e	795.8 e	255.2 e	206.1 e	520.0 e	252.4 e	570.2 e	..
45-99 TOTAL SERVICES	94 812.6 e	94 153.1 e	99 322.5 e	103 765.4 e	114 677.0 e	118 998.0	134 856.4	..
45-82 Business sector services	92 459.3	92 519.6	97 743.8 e	102 595.4	113 510.0	117 442.1	132 610.4	..
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	2 793.0	3 326.9	1 940.9	1 745.0	3 301.0	2 000.3	9 569.8	..
49-53 Transportation and storage	86.4	186.4	423.0 e	686.1	403.0	483.0	1 114.3	..
55-56 Accommodation and food service activities	..	..	..	..	..	..	..	..
58-63 Information and communication	58 831.3	60 794.5	68 410.1	75 570.8	79 846.0	85 608.7	90 906.8	..
58-60 Publishing, audiovisual and broadcasting activities	..	..	..	..	..	..	..	..
58 Publishing activities	30 347.3	30 354.3	36 713.5	36 516.3	33 346.0	33 230.0	33 357.8	..
59-60 Motion picture, video and TV programme production; broadcasting activities	..	..	..	..	..	..	..	..
59 Motion picture, video and TV programme production; sound and music	..	..	..	..	..	..	..	..
60 Programming and broadcasting activities	..	..	..	..	..	..	..	..
61 Telecommunications	2 302.1	2 957.2	3 129.5	3 794.1	3 607.0	3 963.7 e	3 637.1 e	..
62-63 IT and other information services	18 723.9	16 926.5	16 171.4	20 256.8	23 749.0	27 377.6	28 640.4	..
62 Computer programming, consultancy and related activities	14 150.7	11 781.7	9 537.8	11 133.7	14 333.0	15 585.6	12 946.6	..
63 Information service activities	4 573.2	5 144.7	6 633.6	9 123.0	9 416.0	11 791.9	15 693.9	..
64-66 Financial and insurance activities	3 689.5	3 685.0	4 433.4	4 164.9	5 366.0	7 255.9	7 398.6	..
68-82 Real estate; professional, scientific and technical; administrative and support	27 060.2	24 525.8	22 536.5	20 428.5	24 594.0	22 095.3	23 619.0	..
68 Real estate activities	75.8	22.0	94.7	209.2	233.0	444.4	562.5	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	10 308.6	6 821.3	7 767.7	7 223.4	7 964.0	6 934.2	6 095.9	..
72 Scientific research and development	16 330.0	17 324.4	14 614.4	12 940.4	16 329.0	14 689.9	16 826.6	..
77-82 Administrative and support service activities	345.8	358.1	59.7	55.6	68.0	26.7	134.1	..
84-99 Community, social and personal services	..	..	..	..	..	..	..	..
84-85 Public administration and defence; compulsory social security and education	..	..	..	..	..	..	..	..
86-88 Human health and social work activities	790.8	706.8	541.3	506.2	758.0	839.3	1 069.6	..
90-93 Arts, entertainment and recreation	..	..	..	..	..	..	..	..
94-99 Other services; household-employers; extraterritorial bodies

.. Not available; e Estimated value

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