

FINLAND

R&D expenditure in industry by industry orientation, current prices ISIC Rev. 4

Million USD PPP

	2011	2012	2013	2014	2015	2016	2017	2018
TOTAL BUSINESS ENTERPRISE	5 620.3	5 167.9	5 083.5	4 860.5	4 459.8	4 428.8	4 665.1	..
01-03 AGRICULTURE, FORESTRY AND FISHING	22.3	21.0	13.8	12.2	18.0	21.0	27.2	..
05-09 MINING AND QUARRYING	40.8	18.4	15.5	15.7	20.1	22.4	24.0	..
10-33 MANUFACTURING	4 500.8	3 916.0	3 800.2	3 664.6	3 310.4	3 137.1	3 207.9	..
10-12 Food products, beverages and tobacco	71.0	81.2	82.1	86.7	75.5	60.3	76.0	..
13-15 Textiles, wearing apparel, leather and related products	14.1	9.4	10.2	11.2	16.9	8.9	10.0	..
13 Textiles	8.7	5.8	7.8	5.1	14.5	5.3	5.2	..
14 Wearing apparel	4.8	2.8	2.0	5.9	2.1	3.4	4.5 e	..
15 Leather and related products, footwear	0.6	0.8	0.4	0.2	0.3	0.2	0.2 e	..
16-18 Wood and paper products and printing	95.4	109.5	108.1	99.6	117.3	118.9	123.2	..
16 Wood and wood products, except furniture	7.8	7.2	8.6	8.0	3.7	5.5	7.9	..
17 Paper and paper products	82.0	95.3	92.0	85.0	103.7	100.5	96.6	..
18 Printing and reproduction of recorded media	5.6	6.0	7.5	6.6	9.9	12.9	18.8	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	432.9	406.1	402.6	368.2	405.5	444.9	485.7 e	..
19 Coke and refined petroleum products	47.9	49.1	51.0	33.7	42.2	49.8	44.3 e	..
20-21 Chemical and pharmaceutical products	326.0	297.1	292.6	279.5	301.3	325.7	344.6	..
20 Chemicals and chemical products	134.6	100.8	125.7	94.5	115.2	114.1	119.7	..
21 Pharmaceuticals, medicinal, chemical and botanical products	191.4	196.3	166.9	185.0	186.1	211.5	224.9	..
22 Rubber and plastic products	41.6	43.0	48.3	40.7	46.3	45.6	70.8	..
23 Other non-metallic mineral products	17.5	16.9	10.7	14.2	15.7	23.8	26.1	..
24-25 Basic metals, metal products, except machinery and equipment	150.9	94.4	145.2	157.9	170.4	185.4	183.3	..
24 Basic metals	37.4	35.1	31.0	42.3	33.6	26.3	28.7	..
25 Fabricated metal products, except machinery and equipment	113.5	59.3	114.2	115.6	136.8	159.1	154.6	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	3 658.3	3 133.7	2 968.6	2 854.2	2 430.8	2 179.1	2 209.0	..
26 Computer, electronic and optical products	2 937.1	2 256.8	2 117.0	2 056.9	1 620.0	1 391.7	1 343.5	..
27 Electrical equipment	278.5	314.7	320.2	330.5	265.8	253.4	261.6	..
28 Machinery and equipment n.e.c.	348.6	457.9	452.3	415.4	460.1	443.4	524.5	..
29 Motor vehicles, trailers and semi-trailers	18.7	5.9	11.7	8.5	40.4	30.6	24.7	..
30 Other transport equipment	75.4	98.5	67.4	42.9	44.4	60.3	54.8	..
31-33 Furniture; repair, installation of machinery and equipment	78.2	81.8	83.4	86.8	94.0	139.6	120.6 e	..
31 Furniture	6.3	7.6	6.1	7.0	5.8	5.7	7.3	..
32 Other manufacturing	60.5	61.9	66.8	73.2	78.2	104.7	87.3	..
33 Repair and installation of machinery and equipment	11.4	12.3	10.5	6.6	10.0	29.3	26.0 e	..
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	41.7	32.6	27.9	22.0	19.3	19.0	34.5	..
35-36 Electricity, gas and water	30.1	27.7	20.9	17.2	12.3	16.5	29.3	..
37-39 Sewerage, waste management and remediation activities	11.6	4.9	7.1	4.9	7.0	2.6	5.2	..
41-43 CONSTRUCTION	74.0	72.4	62.3	26.2	34.0	42.8	39.5	..
45-99 TOTAL SERVICES	940.7	1 107.5	1 164.0	1 119.9	1 058.1	1 186.3	1 331.9	..
45-82 Business sector services	900.8	1 034.6	1 097.9	1 044.6	1 020.2	1 138.4	1 265.0	..
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	15.7	3.4	7.8	6.9	12.2	6.0	6.9	..
49-53 Transportation and storage	17.4	18.3	14.8	17.1	17.9	18.2	13.4 e	..
55-56 Accommodation and food service activities	8.2	1.1	0.4	0.2	0.5	0.0	0.0 e	..
58-63 Information and communication	644.7	760.1	805.4	723.9	698.6	811.2	833.5	..
58-60 Publishing, audiovisual and broadcasting activities	11.6	15.3	19.9	15.1	18.2	19.8	43.9	..
58 Publishing activities	9.1	13.1	17.8	12.7	16.0	18.7	41.5 e	..
59-60 Motion picture, video and TV programme production; broadcasting activities	2.5	2.3	2.1	2.4	2.3	1.1	2.4 e	..
59 Motion picture, video and TV programme production; sound and music	1.0	1.1	0.2	0.9	0.6	0.3 e	0.6 e	..
60 Programming and broadcasting activities	1.5	1.2	1.9	1.5	1.7	0.8 e	1.8 e	..
61 Telecommunications	227.9	290.3	272.9	218.0	95.3	130.5	85.1	..
62-63 IT and other information services	405.1	454.4	512.6	490.8	585.1	660.9	704.3	..
62 Computer programming, consultancy and related activities	279.4	327.9	366.3	360.4	493.5	541.7	581.1	..
63 Information service activities	125.8	126.6	146.4	130.4	91.6	119.2	123.2	..
64-66 Financial and insurance activities	75.2	92.6	71.8	102.2	131.6	111.1	138.5	..
68-82 Real estate; professional, scientific and technical; administrative and support	139.6	159.0	197.6	194.3	159.5	191.9	272.6	..
68 Real estate activities	2.7	5.7	4.5	3.6	2.1	1.8	5.6	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	21.8	22.9	22.8	31.5	39.1	53.9	41.8	..
72 Scientific research and development	107.1	126.9	164.6	154.6	107.2	131.7	219.7	..
77-82 Administrative and support service activities	8.0	3.6	5.7	4.6	11.2	4.5	5.4	..
84-99 Community, social and personal services	39.9	72.9	66.1	75.3	37.8	48.0	66.9	..
84-85 Public administration and defence; compulsory social security and education	1.8	4.4	1.7	3.4	1.5	2.0	2.8 e	..
86-88 Human health and social work activities	4.2	7.4	11.3	8.2	8.0	6.0	9.3	..
90-93 Arts, entertainment and recreation	10.1	10.2	11.8	11.7	15.1	17.9	25.6 e	..
94-99 Other services; household-employers; extraterritorial bodies	23.8	51.0	41.3	52.1	13.2	22.1	29.2	..

.. Not available; e Estimated value

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

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