

# FINLAND

## R&D expenditure in industry by industry orientation, constant prices

ISIC Rev. 4

2010 USD PPP

	2011	2012	2013	2014	2015	2016	2017	2018
<b>TOTAL BUSINESS ENTERPRISE</b>	<b>6 068.9</b>	<b>5 482.1</b>	<b>5 239.9</b>	<b>4 939.7</b>	<b>4 459.8</b>	<b>4 291.3</b>	<b>4 397.9</b>	..
<b>01-03 AGRICULTURE, FORESTRY AND FISHING</b>	<b>24.1</b>	<b>22.3</b>	<b>14.2</b>	<b>12.4</b>	<b>18.0</b>	<b>20.3</b>	<b>25.7</b>	..
<b>05-09 MINING AND QUARRYING</b>	<b>44.1</b>	<b>19.5</b>	<b>15.9</b>	<b>15.9</b>	<b>20.1</b>	<b>21.7</b>	<b>22.6</b>	..
<b>10-33 MANUFACTURING</b>	<b>4 860.1</b>	<b>4 154.1</b>	<b>3 917.1</b>	<b>3 724.3</b>	<b>3 310.4</b>	<b>3 039.7</b>	<b>3 024.1</b>	..
10-12 Food products, beverages and tobacco	76.7	86.1	84.6	88.2	75.5	58.4	71.6	..
13-15 Textiles, wearing apparel, leather and related products	15.2	10.0	10.5	11.4	16.9	8.6	9.4	..
13 Textiles	9.4	6.2	8.1	5.2	14.5	5.1	4.9	..
14 Wearing apparel	5.2	3.0	2.0	6.0	2.1	3.3	4.3 e	..
15 Leather and related products, footwear	0.6	0.8	0.5	0.2	0.3	0.2	0.2 e	..
16-18 Wood and paper products and printing	103.0	116.1	111.5	101.3	117.3	115.2	116.2	..
16 Wood and wood products, except furniture	8.5	7.6	8.9	8.2	3.7	5.3	7.4	..
17 Paper and paper products	88.5	101.1	94.8	86.4	103.7	97.4	91.1	..
18 Printing and reproduction of recorded media	6.0	6.3	7.7	6.7	9.9	12.5	17.7	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	467.5	430.8	415.0	374.2	405.5	431.1	457.9 e	..
19 Coke and refined petroleum products	51.7	52.1	52.6	34.2	42.2	48.3	41.7 e	..
20-21 Chemical and pharmaceutical products	352.0	315.1	301.6	284.1	301.3	315.5	324.9	..
20 Chemicals and chemical products	145.3	106.9	129.6	96.1	115.2	110.6	112.9	..
21 Pharmaceuticals, medicinal, chemical and botanical products	206.6	208.2	172.0	188.0	186.1	205.0	212.0	..
22 Rubber and plastic products	44.9	45.7	49.8	41.4	46.3	44.2	66.7	..
23 Other non-metallic mineral products	18.9	17.9	11.0	14.5	15.7	23.1	24.6	..
24-25 Basic metals, metal products, except machinery and equipment	163.0	100.1	149.7	160.5	170.4	179.6	172.8	..
24 Basic metals	40.4	37.2	32.0	43.0	33.6	25.5	27.1	..
25 Fabricated metal products, except machinery and equipment	122.6	62.9	117.7	117.4	136.8	154.2	145.7	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	3 950.2	3 324.2	3 059.9	2 900.7	2 430.8	2 111.4	2 082.5	..
26 Computer, electronic and optical products	3 171.6	2 394.0	2 182.1	2 090.4	1 620.0	1 348.5	1 266.5	..
27 Electrical equipment	300.7	333.8	330.1	335.9	265.8	245.5	246.6	..
28 Machinery and equipment n.e.c.	376.4	485.7	466.2	422.1	460.1	429.6	494.4	..
29 Motor vehicles, trailers and semi-trailers	20.2	6.3	12.1	8.6	40.4	29.7	23.3	..
30 Other transport equipment	81.4	104.4	69.4	43.6	44.4	58.4	51.6	..
31-33 Furniture; repair, installation of machinery and equipment	84.5	86.7	86.0	88.2	94.0	135.3	113.7 e	..
31 Furniture	6.9	8.0	6.3	7.1	5.8	5.5	6.9	..
32 Other manufacturing	65.3	65.7	68.9	74.4	78.2	101.4	82.3	..
33 Repair and installation of machinery and equipment	12.3	13.0	10.8	6.7	10.0	28.4	24.5 e	..
<b>35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT</b>	<b>45.0</b>	<b>34.6</b>	<b>28.8</b>	<b>22.4</b>	<b>19.3</b>	<b>18.4</b>	<b>32.5</b>	..
35-36 Electricity, gas and water	32.5	29.3	21.5	17.5	12.3	15.9	27.6	..
37-39 Sewerage, waste management and remediation activities	12.5	5.2	7.3	4.9	7.0	2.5	4.9	..
<b>41-43 CONSTRUCTION</b>	<b>79.9</b>	<b>76.8</b>	<b>64.2</b>	<b>26.7</b>	<b>34.0</b>	<b>41.5</b>	<b>37.2</b>	..
<b>45-99 TOTAL SERVICES</b>	<b>1 015.8</b>	<b>1 174.8</b>	<b>1 199.8</b>	<b>1 138.2</b>	<b>1 058.1</b>	<b>1 149.5</b>	<b>1 255.6</b>	..
<b>45-82 Business sector services</b>	<b>972.7</b>	<b>1 097.5</b>	<b>1 131.7</b>	<b>1 061.7</b>	<b>1 020.2</b>	<b>1 103.0</b>	<b>1 192.5</b>	..
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	16.9	3.6	8.1	7.1	12.2	5.8	6.6	..
49-53 Transportation and storage	18.8	19.5	15.3	17.4	17.9	17.7	12.7 e	..
55-56 Accommodation and food service activities	8.8	1.1	0.5	0.2	0.5	0.0	0.0 e	..
<b>58-63 Information and communication</b>	<b>696.2</b>	<b>806.3</b>	<b>830.2</b>	<b>735.7</b>	<b>698.6</b>	<b>786.0</b>	<b>785.7</b>	..
58-60 Publishing, audiovisual and broadcasting activities	12.6	16.3	20.5	15.3	18.2	19.2	41.4	..
58 Publishing activities	9.8	13.9	18.3	12.9	16.0	18.1	39.1 e	..
59-60 Motion picture, video and TV programme production; broadcasting activities	2.7	2.4	2.2	2.5	2.3	1.0	2.3 e	..
59 Motion picture, video and TV programme production; sound and music	1.1	1.2	0.2	0.9	0.6	0.3 e	0.6 e	..
60 Programming and broadcasting activities	1.6	1.2	1.9	1.6	1.7	0.8 e	1.7 e	..
61 Telecommunications	246.1	308.0	281.3	221.5	95.3	126.5	80.2	..
62-63 IT and other information services	437.5	482.1	528.4	498.8	585.1	640.4	664.0	..
62 Computer programming, consultancy and related activities	301.7	347.8	377.5	366.3	493.5	524.9	547.8	..
63 Information service activities	135.8	134.3	150.9	132.5	91.6	115.5	116.2	..
<b>64-66 Financial and insurance activities</b>	<b>81.2</b>	<b>98.2</b>	<b>74.0</b>	<b>103.9</b>	<b>131.6</b>	<b>107.6</b>	<b>130.6</b>	..
<b>68-82 Real estate; professional, scientific and technical; administrative and support</b>	<b>150.8</b>	<b>168.7</b>	<b>203.7</b>	<b>197.4</b>	<b>159.5</b>	<b>185.9</b>	<b>257.0</b>	..
68 Real estate activities	2.9	6.0	4.7	3.6	2.1	1.7	5.2	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	23.6	24.3	23.5	32.0	39.1	52.2	39.4	..
72 Scientific research and development	115.7	134.6	169.6	157.1	107.2	127.6	207.1	..
77-82 Administrative and support service activities	8.6	3.8	5.9	4.7	11.2	4.3	5.1	..
84-99 Community, social and personal services	43.1	77.3	68.1	76.5	37.8	46.5	63.1	..
84-85 Public administration and defence; compulsory social security and education	2.0	4.6	1.7	3.5	1.5	1.9	2.7 e	..
86-88 Human health and social work activities	4.6	7.8	11.6	8.3	8.0	5.8	8.7	..
90-93 Arts, entertainment and recreation	10.9	10.8	12.2	11.8	15.1	17.4	24.2 e	..
94-99 Other services; household-employers; extraterritorial bodies	25.7	54.1	42.6	53.0	13.2	21.4	27.5	..

.. Not available; e Estimated value

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

Disclaimer: <http://oe.cd/disclaimer>