

POLAND

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
<b>TOTAL BUSINESS ENTERPRISE</b>	<b>1 954.9</b>	<b>2 973.6</b>	<b>3 570.4</b>	<b>4 262.3</b>	<b>4 766.6</b>	<b>6 798.8</b>	<b>7 639.1</b>	..
<b>01-03 AGRICULTURE, FORESTRY AND FISHING</b>	<b>15.0</b>	<b>18.5</b>	<b>17.7</b>	<b>19.2</b>	<b>25.1</b>	..	<b>33.7</b>	..
<b>05-09 MINING AND QUARRYING</b>	..	..	..	..	..	..	<b>7.3</b>	..
<b>10-33 MANUFACTURING</b>	<b>960.9</b>	<b>1 429.5</b>	<b>1 572.9</b>	<b>1 944.4</b>	<b>2 113.3</b>	<b>2 293.6 e</b>	<b>3 042.5</b>	..
10-12 Food products, beverages and tobacco	35.4	33.3	79.3	231.8	79.3	69.4	147.1	..
13-15 Textiles, wearing apparel, leather and related products	9.1	12.6	14.8	21.3	32.3	10.6	59.7	..
13 Textiles	7.5	7.6	12.3	17.9	27.2 e	6.0	57.4	..
14 Wearing apparel	1.1 e	3.7	2.0	2.5 e	3.8 e	3.2 e	1.0	..
15 Leather and related products, footwear	0.5 e	1.3	0.5	0.9 e	1.2	1.3 e	1.4	..
16-18 Wood and paper products and printing	19.5	24.7	40.2	29.8	47.8	53.9 e	96.3	..
16 Wood and wood products, except furniture	6.3 e	8.7	13.0	7.3	23.9	36.2	51.4	..
17 Paper and paper products	8.3	3.2	3.6	10.4	6.0	6.8 e	26.0	..
18 Printing and reproduction of recorded media	4.9 e	12.7	23.6	12.1	18.0	10.9	18.9	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	240.9	322.0	322.4	360.5	512.0	457.8	695.5	..
19 Coke and refined petroleum products	2.4	5.0	10.4 e	6.2 e	31.0	19.4	77.5	..
20-21 Chemical and pharmaceutical products	162.9	222.9	227.6	232.5	360.0	293.4	460.1	..
20 Chemicals and chemical products	70.1	78.7	104.8 e	81.8	144.1	113.5	196.5	..
21 Pharmaceuticals, medicinal, chemical and botanical products	92.9	144.1	122.8	150.7	216.0	179.9	263.6	..
22 Rubber and plastic products	57.1	62.2	57.8	88.1	73.4	108.4	102.8	..
23 Other non-metallic mineral products	18.4	31.9	26.7	33.8 e	47.6	36.6	55.1	..
24-25 Basic metals, metal products, except machinery and equipment	119.1	174.3	212.9	247.5	240.6	231.9	368.9	..
24 Basic metals	16.3	19.5	16.9	85.3	53.5	46.8	110.7	..
25 Fabricated metal products, except machinery and equipment	102.8	154.7	196.0	162.2	187.1	185.1	258.2	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	480.0	751.2	830.6	958.7	1 073.1	1 275.4	1 510.1	..
26 Computer, electronic and optical products	74.0	89.0	84.5	94.7	115.3	125.7	175.3	..
27 Electrical equipment	118.7	264.3	186.8	166.0	198.9	264.4	274.1	..
28 Machinery and equipment n.e.c.	95.5	160.7	123.5	173.6	176.1	187.2	245.6	..
29 Motor vehicles, trailers and semi-trailers	101.2	125.8	310.3	388.7	391.9	536.0 e	624.7	..
30 Other transport equipment	90.4	111.3	125.5	135.8	190.9	162.1 e	190.5	..
31-33 Furniture; repair, installation of machinery and equipment	57.1	111.3	72.8	94.7	128.1	194.7	164.9	..
31 Furniture	11.8	31.6	26.8	29.0	34.0	86.8	50.8	..
32 Other manufacturing	17.3	36.8	24.6	31.0	30.8	58.5	52.7	..
33 Repair and installation of machinery and equipment	28.0	43.0	21.3	34.7	63.4	49.3	61.5	..
<b>35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT</b>	..	..	..	..	..	<b>41.9</b>	<b>51.2</b>	..
35-36 Electricity, gas and water	..	..	69.4	23.0	..	31.0	29.0	..
37-39 Sewerage, waste management and remediation activities	11.7	34.4	..	..	..	10.8	22.2	..
<b>41-43 CONSTRUCTION</b>	<b>31.3</b>	<b>30.4</b>	<b>71.9</b>	<b>31.7</b>	<b>30.5</b>	<b>47.3</b>	<b>64.5</b>	..
<b>45-99 TOTAL SERVICES</b>	<b>925.0</b>	<b>1 332.8</b>	<b>1 647.7</b>	<b>2 130.2</b>	<b>2 473.1</b>	<b>4 371.5 e</b>	<b>4 439.9</b>	..
<b>45-82 Business sector services</b>	<b>895.2</b>	<b>1 320.1</b>	<b>1 631.6</b>	<b>2 110.9</b>	<b>2 439.6</b>	<b>4 328.1</b>	<b>4 398.6</b>	..
<b>45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs</b>	<b>127.7</b>	<b>209.8</b>	<b>288.8</b>	<b>325.4</b>	<b>362.7</b>	<b>301.2</b>	<b>383.9</b>	..
<b>49-53 Transportation and storage</b>	..	..	..	..	<b>8.2</b>	..	<b>5.1</b>	..
<b>55-56 Accommodation and food service activities</b>	..	..	..	..	..	<b>2.0</b>	<b>0.6</b>	..
<b>58-63 Information and communication</b>	<b>514.4</b>	<b>604.9</b>	<b>681.8</b>	<b>807.6</b>	<b>1 024.3</b>	..	<b>1 801.5</b>	..
58-60 Publishing, audiovisual and broadcasting activities	100.5	27.8	28.6	39.8	72.9	..	74.4	..
58 Publishing activities	..	..	27.4	38.5	69.8	..	71.6	..
59-60 Motion picture, video and TV programme production; broadcasting activities	..	..	1.2	1.2	3.1	3.9	2.8	..
59 Motion picture, video and TV programme production; sound and music	..	..	..	..	..	..	2.3	..
60 Programming and broadcasting activities	..	..	..	..	..	..	0.5	..
61 Telecommunications	..	..	..	..	..	..	..	..
62-63 IT and other information services	..	..	..	..	..	1 380.5	..	..
62 Computer programming, consultancy and related activities	231.8	369.6	408.6	445.5	557.4	1 347.0	1 149.3	..
63 Information service activities	..	..	..	..	..	33.6	..	..
<b>64-66 Financial and insurance activities</b>	<b>5.9</b>	<b>18.3</b>	<b>46.3</b>	<b>128.5</b>	..	<b>457.2</b>	<b>237.3</b>	..
<b>68-82 Real estate; professional, scientific and technical; administrative and support</b>	<b>233.2</b>	<b>483.2</b>	<b>596.4</b>	<b>833.9</b>	..	..	<b>1 970.4</b>	..
68 Real estate activities	0.0	28.9	42.3	35.6	..	..	5.0	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	30.3	122.3	107.5	233.3	316.6	290.2	356.2	..
72 Scientific research and development	202.7	327.7	439.7	555.2	568.3	1 377.8	1 583.5	..
77-82 Administrative and support service activities	0.3	4.3	6.8	9.7	11.1	56.5	25.7	..
84-99 Community, social and personal services	29.9	12.7	16.1	19.3	33.5	43.4 e	41.3	..
84-85 Public administration and defence; compulsory social security and education	0.7 e	0.7	0.9	1.4	0.9	1.4	1.7	..
86-88 Human health and social work activities	21.1 e	10.5	8.8	10.5	19.4	22.2	35.1	..
90-93 Arts, entertainment and recreation	6.9	0.3	0.3	0.7	0.6	1.7	0.8	..
94-99 Other services; household-employers; extraterritorial bodies	1.2	1.2	6.1	6.7	12.7	18.1 e	3.7	..

.. Not available; e Estimated value

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

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