

POLAND

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

ISIC Rev. 4

2010 USD PPP

	2009	2010	2011	2012	2013	2014	2015	2016
TOTAL BUSINESS ENTERPRISE	1 457.2	1 538.1	1 891.9	2 803.5	3 292.6	3 922.7	4 347.7	6 071.7
01-03 AGRICULTURE, FORESTRY AND FISHING	11.6	12.2	14.6	17.5	16.3	17.7	22.9	..
05-09 MINING AND QUARRYING	0.5 e	0.6	..	..	..	..	..	..
10-33 MANUFACTURING	846.0	782.9	929.9	1 347.7	1 450.6	1 789.5	1 927.6	2 048.3 e
10-12 Food products, beverages and tobacco	99.5	58.6	34.2	31.4	73.1	213.4	72.3	62.0
13-15 Textiles, wearing apparel, leather and related products	6.7	8.1	8.8	11.9	13.6	19.6	29.5	9.4
13 Textiles	5.7	6.3 e	7.3	7.1	11.3	16.5	24.6 e	5.4
14 Wearing apparel	0.6 e	1.0	1.0 e	3.5	1.8	2.5 e	3.7 e	3.1 e
15 Leather and related products, footwear	0.4 e	0.8 e	0.5 e	1.3	0.5	0.6 e	1.1	1.0 e
16-18 Wood and paper products and printing	12.0	17.5	18.9	23.3	37.1	27.4	43.6	48.1 e
16 Wood and wood products, except furniture	3.9	4.3	6.1 e	8.2	12.0	6.7	21.8	32.4
17 Paper and paper products	..	..	8.0	3.0	3.3	9.6	5.5	6.0 e
18 Printing and reproduction of recorded media	..	..	4.7 e	12.0	21.8	11.1	16.4	9.7
19-23 Chemical, rubber, plastic, non-metallic mineral products	161.4	203.4 e	233.1	303.5	297.3	331.8	467.0	408.8
19 Coke and refined petroleum products	3.3	2.8 e	2.3	4.7	9.6 e	5.7 e	28.3	17.3
20-21 Chemical and pharmaceutical products	128.0	141.9	157.7	210.1	209.9	213.9	328.4	262.0
20 Chemicals and chemical products	38.3	55.7	67.8	74.2	96.6 e	75.3	131.4	101.4
21 Pharmaceuticals, medicinal, chemical and botanical products	89.8	86.1	89.9	135.9	113.3	138.7	197.0	160.6
22 Rubber and plastic products	10.8	33.9 e	55.3	58.6	53.3	81.0	66.9	96.8
23 Other non-metallic mineral products	19.2	24.9	17.8	30.1	24.6	31.1 e	43.4	32.7
24-25 Basic metals, metal products, except machinery and equipment	52.7	72.7	115.3	164.3	196.4	227.7	219.5	207.1
24 Basic metals	17.8	26.7	15.8	18.4	15.6	78.5	48.8	41.8
25 Fabricated metal products, except machinery and equipment	34.9	46.0	99.5	145.9	180.8	149.3	170.7	165.3
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	438.3	373.4	464.5	708.2	766.0	882.3	978.8	1 139.0
26 Computer, electronic and optical products	50.9	84.3	71.6	83.9	77.9	87.1	105.2	112.2
27 Electrical equipment	77.4	108.1	114.9	249.2	172.2	152.7	181.4	236.1
28 Machinery and equipment n.e.c.	71.3	68.3	92.5	151.5	113.9	159.7	160.6	167.2
29 Motor vehicles, trailers and semi-trailers	195.5	50.2	97.9	118.6	286.2	357.7	357.4	478.7 e
30 Other transport equipment	43.2	62.3	87.5	104.9	115.7	125.0	174.1	144.8 e
31-33 Furniture; repair, installation of machinery and equipment	75.5	49.2 e	55.3	105.0	67.1	87.2	116.9	173.9
31 Furniture	18.6	3.9 e	11.4	29.8	24.8	26.7	31.0	77.6
32 Other manufacturing	20.1	13.9 e	16.7	34.7	22.7	28.5	28.1	52.3
33 Repair and installation of machinery and equipment	36.8	31.4	27.1	40.5	19.6	32.0	57.8	44.1
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	20.9	4.5	..	..	..	..	..	37.5
35-36 Electricity, gas and water	..	..	..	..	64.0	21.1	..	27.7
37-39 Sewerage, waste management and remediation activities	..	..	11.3	32.4	..	..	..	9.7
41-43 CONSTRUCTION	7.8	10.4	30.2	28.7	66.3	29.2	27.9	42.3
45-99 TOTAL SERVICES	570.3	727.4	895.2	1 256.6	1 519.5	1 960.5	2 255.8	3 904.0 e
45-82 Business sector services	567.6	708.7	866.3	1 244.6	1 504.7	1 942.7	2 225.2	3 865.2
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	74.6	73.9	123.6	197.8	266.3	299.5	330.9	269.0
49-53 Transportation and storage	1.7	..	..	..	..	..	7.5	..
55-56 Accommodation and food service activities	..	..	..	..	..	..	..	1.8
58-63 Information and communication	189.0	380.5	497.8	570.3	628.7	743.2	934.3	..
58-60 Publishing, audiovisual and broadcasting activities	..	..	97.3	26.2	26.4	36.6	66.5	..
58 Publishing activities	..	..	..	..	25.2	35.4	63.6	..
59-60 Motion picture, video and TV programme production; broadcasting activities	..	..	..	..	1.2	1.1	2.8	3.5
59 Motion picture, video and TV programme production; sound and music	..	..	..	..	..	..	..	..
60 Programming and broadcasting activities	..	..	..	..	..	..	..	..
61 Telecommunications	..	..	..	..	..	..	..	..
62-63 IT and other information services	..	..	..	..	..	..	..	1 232.9
62 Computer programming, consultancy and related activities	75.9	179.0	224.3	348.5	376.8	410.0	508.4	1 202.9
63 Information service activities	..	..	..	..	..	..	..	30.0
64-66 Financial and insurance activities	21.7	8.4	5.7	17.3	42.7	118.2	..	408.3
68-82 Real estate; professional, scientific and technical; administrative and support	280.2	245.0	225.7	455.6	550.0	767.4	..	..
68 Real estate activities	0.0	0.0	0.0	27.2	39.0	32.8	..	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	13.7	18.7	29.3	115.3	99.2	214.7	288.7	259.2
72 Scientific research and development	266.5	226.3	196.1	308.9	405.5	511.0	518.4	1 230.5
77-82 Administrative and support service activities	0.0	0.0	0.3	4.0	6.2	8.9	10.1	50.4
84-99 Community, social and personal services	2.7 e	18.7	28.9	12.0	14.8	17.8	30.6	38.7 e
84-85 Public administration and defence; compulsory social security and education	..	..	0.7 e	0.6	0.8	1.2	0.8	1.2
86-88 Human health and social work activities	..	..	20.4 e	9.9	8.1	9.7	17.7	19.8
90-93 Arts, entertainment and recreation	..	..	6.7	0.3	0.3	0.7	0.5	1.5
94-99 Other services; household-employers; extraterritorial bodies	..	0.9	1.1	1.2	5.7	6.1	11.6	16.2 e

.. Not available; e Estimated value

Note: Detailed metadata at: <http://metalinks.oecd.org/anberd/20181213/8c73>.Disclaimer: <http://oe.cd/disclaimer>