

CZECH REPUBLIC

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	2 558.8	2 874.8	3 246.9	3 698.3	3 722.4	3 894.2	4 589.8	5 133.6
01-03 AGRICULTURE, FORESTRY AND FISHING	15.6 e	15.7 e	20.1	22.9	23.8	25.4	33.1	37.5
05-09 MINING AND QUARRYING	4.6 e	1.8 e	2.1	3.2	3.0	5.3	3.8	3.9
10-33 MANUFACTURING	1 616.0 e	1 711.7 e	2 033.3	2 352.1	2 393.2	2 503.4	2 915.0	3 247.2
10-12 Food products, beverages and tobacco	21.0 e	27.0 e	23.3	19.4	21.7	18.5	27.8	23.3
13-15 Textiles, wearing apparel, leather and related products	26.7 e	17.7 e	28.2	36.0	30.1	26.6	28.5	27.7
13 Textiles	23.5 e	15.2 e	25.1	30.8	27.2	24.1	26.1	25.5
14 Wearing apparel	2.3 e	1.5 e	2.5	2.3	1.9	1.8	1.3	1.2
15 Leather and related products, footwear	0.9 e	1.0 e	0.6	2.9	1.1	0.7	1.1	1.0
16-18 Wood and paper products and printing	7.6 e	5.2 e	3.5	4.0	5.7	2.7	5.3	9.2
16 Wood and wood products, except furniture	4.5 e	2.6 e	1.4	2.2	2.8	1.1	1.9	4.3
17 Paper and paper products	2.3 e	2.4 e	1.1	1.1	1.8	1.1	2.3	4.0
18 Printing and reproduction of recorded media	0.8 e	0.2 e	1.0	0.7	1.1	0.5	1.1	0.9
19-23 Chemical, rubber, plastic, non-metallic mineral products	268.7 e	239.5 e	271.6	296.4	328.1	310.3	322.7	342.1
19 Coke and refined petroleum products	1.2 e	1.7 e	1.8	4.4	3.9	1.6	1.5	2.0
20-21 Chemical and pharmaceutical products	189.1 e	144.1 e	160.1	176.7	204.1	193.7	201.4	220.8
20 Chemicals and chemical products	59.3 e	52.0 e	55.8	53.6	59.3	58.6	64.7	50.4
21 Pharmaceuticals, medicinal, chemical and botanical products	129.8 e	92.1 e	104.3	123.0	144.8	135.1	136.7	170.4
22 Rubber and plastic products	48.1 e	55.6 e	63.9	74.4	81.2	76.7	80.4	80.1
23 Other non-metallic mineral products	30.3 e	38.1 e	45.7	40.8	38.9	38.2	39.4	39.3
24-25 Basic metals, metal products, except machinery and equipment	108.5 e	124.0 e	123.8	148.7	166.2	126.5	153.5	174.3
24 Basic metals	15.6 e	14.8 e	12.8	12.7	11.2	9.6	17.5	11.8
25 Fabricated metal products, except machinery and equipment	92.9 e	109.3 e	111.0	136.0	155.0	116.9	136.0	162.5
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	1 080.6 e	1 236.4 e	1 494.1	1 745.9	1 753.4	1 935.1	2 267.3	2 585.9
26 Computer, electronic and optical products	183.9 e	235.0 e	264.3	309.1	301.1	363.8	344.7	436.2
27 Electrical equipment	126.5 e	206.2 e	124.6	155.6	155.8	156.0	184.6	197.0
28 Machinery and equipment n.e.c.	293.8 e	250.5 e	357.8	390.5	379.8	378.9	387.8	393.2
29 Motor vehicles, trailers and semi-trailers	266.2 e	361.5 e	556.3	671.9	728.6	826.6	1 081.8	1 274.4
30 Other transport equipment	210.2 e	183.2 e	190.9	218.7	188.0	209.8	268.3	285.1
31-33 Furniture; repair, installation of machinery and equipment	102.9 e	61.8 e	88.9	101.6	87.9	83.7	109.9	84.7
31 Furniture	1.7 e	4.4 e	5.0	10.5	3.4	2.4	2.6	5.5
32 Other manufacturing	35.4 e	29.1 e	39.9	36.8	32.7	39.9	46.0	45.2
33 Repair and installation of machinery and equipment	65.8 e	28.3 e	44.0	54.4	51.8	41.4	61.3	34.0
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	21.3 e	22.9 e	29.8	28.2	30.3	23.8	22.9	31.4
35-36 Electricity, gas and water	10.7 e	9.8 e	10.5	10.6	10.7	13.6	9.1	9.0
37-39 Sewerage, waste management and remediation activities	10.7 e	13.1 e	19.3	17.6	19.6	10.2	13.7	22.4
41-43 CONSTRUCTION	25.9 e	28.0 e	35.1	40.4	39.5	33.9	39.9	44.7
45-99 TOTAL SERVICES	875.3 e	1 094.6 e	1 126.6	1 251.6	1 232.7	1 302.5	1 575.1	1 768.8
45-82 Business sector services	839.3 e	1 061.3 e	1 087.7	1 219.6	1 193.4	1 283.2	1 553.4	1 746.2
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	21.3 e	1.9 e	0.0	0.2	3.5	3.9	6.0	0.6
49-53 Transportation and storage	2.1 e	2.7 e	4.6	4.4	4.2	3.1	4.8	2.6
55-56 Accommodation and food service activities	0.1 e	1.2 e	0.0	0.0	0.1	0.2	0.2	0.0
58-63 Information and communication	385.0 e	442.2 e	478.9	642.4	651.0	722.3	903.0	1 084.7
58-60 Publishing, audiovisual and broadcasting activities	2.0 e	16.9 e	0.0	2.4	0.6	0.5	1.0	2.3
58 Publishing activities	..	..	..	..	0.1	..	0.5	0.1
59-60 Motion picture, video and TV programme production; broadcasting activities	..	..	..	..	0.5	..	0.4	2.2
59 Motion picture, video and TV programme production; sound and music	..	..	..	..	..	..	0.4	2.0
60 Programming and broadcasting activities	..	..	..	..	..	..	0.1	0.2
61 Telecommunications	47.3 e	51.8 e	60.4	70.4	65.3	73.5	72.6	72.0
62-63 IT and other information services	335.6 e	373.5 e	418.5	569.6	585.1	648.3	829.5	1 010.3
62 Computer programming, consultancy and related activities	248.6 e	264.9 e	285.6	427.3	498.6	584.8	730.4	914.7
63 Information service activities	87.1 e	108.6 e	132.9	142.3	86.5	63.5	99.1	95.6
64-66 Financial and insurance activities	34.1 e	36.9 e	48.3	46.7	24.5	52.2	59.3	57.2
68-82 Real estate; professional, scientific and technical; administrative and support	396.7 e	576.4 e	555.8	526.0	510.1	501.4	580.0	601.1
68 Real estate activities	4.4 e	0.2 e	0.0	0.0	0.0	0.0	0.0	0.0
69-75x72 Professional, scientific and technical activities, except scientific R&D	105.0 e	28.2 e	32.1	36.2	49.3	36.8	41.3	47.0
72 Scientific research and development	286.6 e	547.7 e	523.0	489.3	460.8	464.6	538.4	553.7
77-82 Administrative and support service activities	0.7 e	0.4 e	0.6	0.5	0.0	0.1	0.3	0.4
84-99 Community, social and personal services	36.0 e	33.3 e	39.0	32.0	39.3	19.3	21.7	22.6
84-85 Public administration and defence; compulsory social security and education	10.4 e	11.0 e	15.5	10.2	12.3	6.9	9.3	9.1
86-88 Human health and social work activities	20.2 e	20.1 e	18.2	17.9	21.7	5.9	7.3	6.2
90-93 Arts, entertainment and recreation	3.8 e	0.2 e	0.1	0.1	0.0	0.0	0.0	1.1
94-99 Other services; household-employers; extraterritorial bodies	1.6 e	1.9 e	5.2	3.8	5.3	6.5	5.0	6.3

.. Not available; e Estimated value

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

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