

# CZECH REPUBLIC

## 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>2 816.8</b>	<b>3 108.0</b>	<b>3 327.4</b>	<b>3 674.5</b>	<b>3 722.4</b>	<b>3 739.5</b>	<b>4 275.6</b>	<b>4 671.3</b>
<b>01-03 AGRICULTURE, FORESTRY AND FISHING</b>	<b>17.2 e</b>	<b>17.0 e</b>	<b>20.6</b>	<b>22.7</b>	<b>23.8</b>	<b>24.4</b>	<b>30.9</b>	<b>34.1</b>
<b>05-09 MINING AND QUARRYING</b>	<b>5.1 e</b>	<b>2.0 e</b>	<b>2.2</b>	<b>3.2</b>	<b>3.0</b>	<b>5.1</b>	<b>3.5</b>	<b>3.6</b>
<b>10-33 MANUFACTURING</b>	<b>1 778.9 e</b>	<b>1 850.5 e</b>	<b>2 083.7</b>	<b>2 336.9</b>	<b>2 393.2</b>	<b>2 403.9</b>	<b>2 715.5</b>	<b>2 954.8</b>
10-12 Food products, beverages and tobacco	23.1 e	29.2 e	23.9	19.3	21.7	17.7	25.9	21.2
13-15 Textiles, wearing apparel, leather and related products	29.4 e	19.2 e	28.9	35.8	30.1	25.5	26.6	25.2
13 Textiles	25.8 e	16.5 e	25.7	30.6	27.2	23.2	24.3	23.2
14 Wearing apparel	2.6 e	1.6 e	2.6	2.2	1.9	1.7	1.2	1.1
15 Leather and related products, footwear	1.0 e	1.1 e	0.6	2.9	1.1	0.7	1.0	0.9
16-18 Wood and paper products and printing	8.4 e	5.6 e	3.6	4.0	5.7	2.6	4.9	8.4
16 Wood and wood products, except furniture	5.0 e	2.8 e	1.4	2.2	2.8	1.1	1.8	3.9
17 Paper and paper products	2.5 e	2.6 e	1.2	1.1	1.8	1.0	2.1	3.6
18 Printing and reproduction of recorded media	0.9 e	0.2 e	1.0	0.7	1.1	0.5	1.0	0.8
19-23 Chemical, rubber, plastic, non-metallic mineral products	295.8 e	259.0 e	278.3	294.5	328.1	298.0	300.6	311.3
19 Coke and refined petroleum products	1.3 e	1.9 e	1.9	4.4	3.9	1.5	1.4	1.8
20-21 Chemical and pharmaceutical products	208.2 e	155.8 e	164.1	175.5	204.1	186.0	187.6	200.9
20 Chemicals and chemical products	65.3 e	56.2 e	57.1	53.3	59.3	56.3	60.2	45.8
21 Pharmaceuticals, medicinal, chemical and botanical products	142.9 e	99.6 e	106.9	122.3	144.8	129.7	127.4	155.0
22 Rubber and plastic products	53.0 e	60.1 e	65.5	73.9	81.2	73.7	74.9	72.9
23 Other non-metallic mineral products	33.3 e	41.2 e	46.9	40.6	38.9	36.7	36.7	35.7
24-25 Basic metals, metal products, except machinery and equipment	119.4 e	134.1 e	126.8	147.8	166.2	121.5	143.0	158.6
24 Basic metals	17.1 e	16.0 e	13.1	12.6	11.2	9.2	16.3	10.7
25 Fabricated metal products, except machinery and equipment	102.3 e	118.1 e	113.7	135.2	155.0	112.2	126.7	147.9
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	1 189.5 e	1 336.6 e	1 531.1	1 734.7	1 753.4	1 858.2	2 112.1	2 353.1
26 Computer, electronic and optical products	202.5 e	254.1 e	270.9	307.1	301.1	349.3	321.1	396.9
27 Electrical equipment	139.3 e	222.9 e	127.7	154.6	155.8	149.8	172.0	179.3
28 Machinery and equipment n.e.c.	323.4 e	270.8 e	366.7	388.0	379.8	363.9	361.3	357.8
29 Motor vehicles, trailers and semi-trailers	293.0 e	390.8 e	570.1	667.6	728.6	793.7	1 007.8	1 159.6
30 Other transport equipment	231.4 e	198.0 e	195.7	217.3	188.0	201.5	250.0	259.5
31-33 Furniture; repair, installation of machinery and equipment	113.3 e	66.8 e	91.1	101.0	87.9	80.4	102.4	77.1
31 Furniture	1.9 e	4.7 e	5.1	10.4	3.4	2.3	2.4	5.0
32 Other manufacturing	39.0 e	31.5 e	40.9	36.5	32.7	38.3	42.8	41.1
33 Repair and installation of machinery and equipment	72.4 e	30.6 e	45.1	54.0	51.8	39.8	57.1	31.0
<b>35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT</b>	<b>23.5 e</b>	<b>24.8 e</b>	<b>30.5</b>	<b>28.0</b>	<b>30.3</b>	<b>22.9</b>	<b>21.3</b>	<b>28.6</b>
35-36 Electricity, gas and water	11.7 e	10.6 e	10.7	10.5	10.7	13.1	8.5	8.2
37-39 Sewerage, waste management and remediation activities	11.7 e	14.2 e	19.8	17.5	19.6	9.8	12.8	20.4
<b>41-43 CONSTRUCTION</b>	<b>28.6 e</b>	<b>30.3 e</b>	<b>35.9</b>	<b>40.1</b>	<b>39.5</b>	<b>32.5</b>	<b>37.1</b>	<b>40.7</b>
<b>45-99 TOTAL SERVICES</b>	<b>963.6 e</b>	<b>1 183.4 e</b>	<b>1 154.5</b>	<b>1 243.6</b>	<b>1 232.7</b>	<b>1 250.7</b>	<b>1 467.3</b>	<b>1 609.5</b>
<b>45-82 Business sector services</b>	<b>923.9 e</b>	<b>1 147.4 e</b>	<b>1 114.6</b>	<b>1 211.8</b>	<b>1 193.4</b>	<b>1 232.2</b>	<b>1 447.1</b>	<b>1 589.0</b>
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	23.5 e	2.0 e	0.0	0.2	3.5	3.8	5.6	0.6
49-53 Transportation and storage	2.3 e	2.9 e	4.7	4.4	4.2	3.0	4.5	2.4
55-56 Accommodation and food service activities	0.1 e	1.3 e	0.0	0.0	0.1	0.2	0.2	0.0
<b>58-63 Information and communication</b>	<b>423.8 e</b>	<b>478.1 e</b>	<b>490.8</b>	<b>638.2</b>	<b>651.0</b>	<b>693.6</b>	<b>841.2</b>	<b>987.0</b>
58-60 Publishing, audiovisual and broadcasting activities	2.2 e	18.3 e	0.0	2.3	0.6	0.5	0.9	2.1
58 Publishing activities	..	..	..	..	0.1	..	0.5	0.1
59-60 Motion picture, video and TV programme production; broadcasting activities	..	..	..	..	0.5	..	0.4	2.0
59 Motion picture, video and TV programme production; sound and music	..	..	..	..	..	..	0.3	1.8
60 Programming and broadcasting activities	..	..	..	..	..	..	0.1	0.2
61 Telecommunications	52.1 e	56.0 e	61.9	69.9	65.3	70.6	67.6	65.5
62-63 IT and other information services	369.5 e	403.8 e	428.9	565.9	585.1	622.5	772.7	919.4
62 Computer programming, consultancy and related activities	273.6 e	286.4 e	292.7	424.6	498.6	561.6	680.4	832.3
63 Information service activities	95.8 e	117.4 e	136.2	141.3	86.5	61.0	92.3	87.0
<b>64-66 Financial and insurance activities</b>	<b>37.6 e</b>	<b>39.9 e</b>	<b>49.5</b>	<b>46.4</b>	<b>24.5</b>	<b>50.1</b>	<b>55.2</b>	<b>52.1</b>
<b>68-82 Real estate; professional, scientific and technical; administrative and support</b>	<b>436.7 e</b>	<b>623.2 e</b>	<b>569.6</b>	<b>522.6</b>	<b>510.1</b>	<b>481.5</b>	<b>540.3</b>	<b>547.0</b>
68 Real estate activities	4.8 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	115.6 e	30.5 e	32.9	36.0	49.3	35.3	38.5	42.8
72 Scientific research and development	315.5 e	592.1 e	536.0	486.1	460.8	446.1	501.6	503.8
77-82 Administrative and support service activities	0.8 e	0.4 e	0.7	0.5	0.0	0.1	0.3	0.3
84-99 Community, social and personal services	39.7 e	36.0 e	39.9	31.8	39.3	18.5	20.2	20.6
84-85 Public administration and defence; compulsory social security and education	11.4 e	11.9 e	15.9	10.2	12.3	6.6	8.7	8.3
86-88 Human health and social work activities	22.3 e	21.8 e	18.6	17.8	21.7	5.7	6.8	5.6
90-93 Arts, entertainment and recreation	4.2 e	0.2 e	0.1	0.1	0.0	0.0	0.0	1.0
94-99 Other services; household-employers; extraterritorial bodies	1.7 e	2.1 e	5.3	3.7	5.3	6.2	4.7	5.7

.. Not available; e Estimated value

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

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