

ROMANIA

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

ISIC Rev. 4

Million USD PPP

	2009	2010	2011	2012	2013	2014	2015	2016
TOTAL BUSINESS ENTERPRISE	604.3	602.0	648.1	715.9	470.5	650.6	917.4	1 208.3
01-03 AGRICULTURE, FORESTRY AND FISHING	57.0	88.4	3.4	6.0	6.8	8.0	10.7	14.4
10-09 MINING AND QUARRYING	12.1	0.8	0.0 e	0.1	0.5 e	17.9	20.7	12.9
10-33 MANUFACTURING	273.6	243.8	336.5	299.9	247.4	336.2	378.1	441.9
10-12 Food products, beverages and tobacco	3.7	1.5	4.2	10.8	11.4	31.7	4.7	5.1
13-15 Textiles, wearing apparel, leather and related products	1.2	2.2	0.9 e	5.7	2.6	2.6	2.0	1.4
13 Textiles	0.3 e	0.6	0.1 e	0.7 e	0.1	0.3	0.1	0.2
14 Wearing apparel	0.5 e	0.1	0.2 e	0.7 e	0.4	1.3	1.6	0.7
15 Leather and related products, footwear	0.4 e	1.5	0.6 e	4.3	2.2	0.4	0.2	0.5
16-18 Wood and paper products and printing	0.1 e	0.1 e	0.0 e	0.0 e	0.1 e	0.8	0.2	0.0
16 Wood and wood products, except furniture	..	..	..	..	..	..	..	..
17 Paper and paper products	..	..	..	..	..	..	..	..
18 Printing and reproduction of recorded media	..	..	..	..	..	..	..	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	50.8	51.9	98.5 e	35.3 e	32.9 e	45.9	35.1	45.2
19 Coke and refined petroleum products	1.2	0.8	0.0	0.0 e	0.0 e	0.0	0.0	0.0
20-21 Chemical and pharmaceutical products	46.1	47.7	86.2	30.3	28.4	45.1	34.3	43.8
20 Chemicals and chemical products	40.0	39.6	61.3	3.5	3.3	6.3	6.5	8.6
21 Pharmaceuticals, medicinal, chemical and botanical products	6.1	8.1	24.9	26.8	25.1	38.8	27.8	35.2
22 Rubber and plastic products	2.4	1.8	12.2	3.2	4.1	0.2	0.1	0.8
23 Other non-metallic mineral products	1.2	1.5	0.2 e	1.8	0.3	0.6	0.7	0.5
24-25 Basic metals, metal products, except machinery and equipment	13.1	10.8	16.0	8.5	9.6	10.7	8.2	9.0
24 Basic metals	6.3	5.7	11.4	4.0	4.9	4.9	2.2	1.8
25 Fabricated metal products, except machinery and equipment	6.8	5.2	4.6	4.5	4.7	5.7	6.0	7.2
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	188.3	163.3	215.5	232.1	188.5	238.9	323.7	376.6
26 Computer, electronic and optical products	14.2	13.8	13.8	60.8	40.2	16.2	37.6	42.7
27 Electrical equipment	16.1	17.1	46.1	18.7	14.6	13.6	22.9	27.7
28 Machinery and equipment n.e.c.	17.6	17.4	6.8	20.6	13.1	13.2	9.0	7.3
29 Motor vehicles, trailers and semi-trailers	116.3	95.7	141.9	124.3	114.7	187.1	253.0	296.1
30 Other transport equipment	24.1	19.3	6.9	7.8	5.9	8.8	1.1	2.8
31-33 Furniture; repair, installation of machinery and equipment	16.5 e	14.0 e	1.4	7.5 e	2.3 e	6.3	4.3	4.6
31 Furniture	0.2 e	0.2 e	0.1 e	0.1 e	0.1 e	0.5	0.2	0.7
32 Other manufacturing	10.0	10.6	0.0 e	2.3	0.8	1.3	1.3	2.3
33 Repair and installation of machinery and equipment	6.3	3.2	1.2 e	5.1	1.4	4.4	2.8	1.7
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	44.2	68.6	0.6 e	3.4	1.6	1.4	1.4	0.9
35-36 Electricity, gas and water	44.1	68.3	0.2 e	2.7	1.3 e	1.2 e	1.2	0.6
37-39 Sewerage, waste management and remediation activities	0.1	0.3	0.4 e	0.6	0.3 e	0.2 e	0.2	0.2
41-43 CONSTRUCTION	12.6	8.0	6.6	0.5	0.5 e	1.2	1.2	1.2
45-99 TOTAL SERVICES	204.7	192.3	300.9	406.0	213.7	286.0	505.2	737.0
45-82 Business sector services	204.2	190.9	300.8	403.1	213.7	283.1	503.1	734.4
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	6.3	..	14.7	29.6	17.8	33.2	13.5	28.1
49-53 Transportation and storage	..	..	4.1	..	..	12.2	0.3	0.9
55-56 Accommodation and food service activities	..	..	..	1.8	1.3	0.7	0.0	0.0
58-63 Information and communication	86.9	73.3	114.3	127.4	46.0	69.6	121.5	262.4
58-60 Publishing, audiovisual and broadcasting activities	44.6	49.0	55.8	2.2	0.0	9.7	30.7	116.1
58 Publishing activities	..	..	..	2.1	..	..	..	..
59-60 Motion picture, video and TV programme production; broadcasting activities	..	..	..	0.1	..	..	..	..
59 Motion picture, video and TV programme production; sound and music	..	..	..	..	..	..	..	..
60 Programming and broadcasting activities	..	..	..	..	..	..	..	..
61 Telecommunications	..	..	..	13.1	1.2	2.4	1.3	27.3
62-63 IT and other information services	..	..	..	112.1	44.8	57.5	89.6	119.1
62 Computer programming, consultancy and related activities	41.0	24.2	56.8	76.6	32.0	57.4	89.4	118.5
63 Information service activities	..	..	..	35.6	12.7	0.1	0.2	0.5
64-66 Financial and insurance activities	..	..	..	..	..	..	0.0	0.0
68-82 Real estate; professional, scientific and technical; administrative and support	111.0	116.8	166.3	244.3	..	..	367.8	442.9
68 Real estate activities	0.0	0.0	0.0 e	2.7	..	..	0.0	0.0
69-75x72 Professional, scientific and technical activities, except scientific R&D	8.2	18.5	29.6	47.2	15.8	15.0	163.7	275.8
72 Scientific research and development	101.5	90.1	136.3	191.8	131.6	150.4	203.9	167.0
77-82 Administrative and support service activities	1.2	8.2	0.3 e	2.7	..	1.9	0.1	0.1
84-99 Community, social and personal services	0.6	1.4	0.1	2.9	0.0	2.8	2.1	2.6
84-85 Public administration and defence; compulsory social security and education	..	..	..	..	..	..	..	..
86-88 Human health and social work activities	..	..	..	..	..	..	..	..
90-93 Arts, entertainment and recreation	..	..	..	..	..	..	..	..
94-99 Other services; household-employers; extraterritorial bodies	..	..	..	..	..	..	..	..

.. Not available; e Estimated value

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

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