

ROMANIA

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

ISIC Rev. 4

2010 USD PPP

	2011	2012	2013	2014	2015	2016	2017	2018
TOTAL BUSINESS ENTERPRISE	678.4	726.8	474.6	653.9	920.3	1 190.8	1 373.3	..
01-03 AGRICULTURE, FORESTRY AND FISHING	3.6	6.1	6.9	8.0	10.8	14.2	10.4	..
05-09 MINING AND QUARRYING	0.0 e	0.1	0.5 e	18.0	20.8	12.8	13.0	..
10-33 MANUFACTURING	352.2	304.5	249.6	337.9	379.3	435.5	435.8	..
10-12 Food products, beverages and tobacco	4.4	10.9	11.5	31.9	4.7	5.0	13.9	..
13-15 Textiles, wearing apparel, leather and related products	1.0 e	5.7	2.7	2.6	2.0	1.4	2.8	..
13 Textiles	0.1 e	0.7 e	0.1	0.3	0.1	0.2	2.0 e	..
14 Wearing apparel	0.2 e	0.7 e	0.4	1.3	1.6	0.7	0.7 e	..
15 Leather and related products, footwear	0.6 e	4.4	2.2	0.4	0.2	0.4	0.1 e	..
16-18 Wood and paper products and printing	0.0 e	0.0 e	0.1 e	0.8	0.2	0.0	0.7	..
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	103.1 e	35.9 e	33.1 e	46.2	35.2	44.5	26.1	..
19 Coke and refined petroleum products	0.0	0.0 e	0.0 e	0.0	0.0	0.0	0.0	..
20-21 Chemical and pharmaceutical products	90.2	30.8	28.7	45.3	34.4	43.2	25.1	..
20 Chemicals and chemical products	64.2	3.5	3.3	6.3	6.5	8.5	6.1	..
21 Pharmaceuticals, medicinal, chemical and botanical products	26.1	27.2	25.4	39.0	27.9	34.7	19.0	..
22 Rubber and plastic products	12.7	3.2	4.1	0.2	0.1	0.8	0.4	..
23 Other non-metallic mineral products	0.2 e	1.8	0.3	0.6	0.7	0.5	0.7	..
24-25 Basic metals, metal products, except machinery and equipment	16.8	8.7	9.7	10.7	8.2	8.9	6.5	..
24 Basic metals	12.0	4.1	4.9	5.0	2.2	1.7	1.6	..
25 Fabricated metal products, except machinery and equipment	4.8	4.6	4.8	5.8	6.0	7.1	5.0	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	225.6	235.6	190.1	240.1	324.7	371.2	382.3	..
26 Computer, electronic and optical products	14.4	61.7	40.5	16.3	37.8	42.1	13.6	..
27 Electrical equipment	48.2	19.0	14.7	13.6	23.0	27.3	23.3	..
28 Machinery and equipment n.e.c.	7.1	20.9	13.2	13.3	9.0	7.2	4.8	..
29 Motor vehicles, trailers and semi-trailers	148.5	126.2	115.7	188.0	253.8	291.8	330.4	..
30 Other transport equipment	7.3	7.9	6.0	8.9	1.1	2.7	10.1	..
31-33 Furniture; repair, installation of machinery and equipment	1.4	7.7 e	2.3 e	6.3	4.3	4.6	3.5	..
31 Furniture	0.1 e	0.1 e	0.1 e	0.5	0.2	0.7	0.8	..
32 Other manufacturing	0.0 e	2.4	0.8	1.3	1.3	2.3	0.7	..
33 Repair and installation of machinery and equipment	1.3 e	5.2	1.4	4.5	2.8	1.6	2.0	..
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	0.7 e	3.4	1.6	1.4	1.4	0.8	1.0	..
35-36 Electricity, gas and water	0.2 e	2.8	1.3 e	1.2 e	1.2	0.6	0.7	..
37-39 Sewerage, waste management and remediation activities	0.5 e	0.6	0.3 e	0.2 e	0.2	0.2	0.3	..
41-43 CONSTRUCTION	6.9	0.5	0.5 e	1.2	1.2	1.2	49.1	..
45-99 TOTAL SERVICES	315.0	412.2	215.5	287.4	506.8	726.3	864.0	..
45-82 Business sector services	314.9	409.2	215.5	284.5	504.7	723.8	838.0	..
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	15.4	30.1	18.0	33.4	13.5	27.7	14.5	..
49-53 Transportation and storage	4.3	..	..	12.3	0.3	0.9	0.1 e	..
55-56 Accommodation and food service activities	..	1.8	1.3	0.7	0.0	0.0	0.0 e	..
58-63 Information and communication	119.6	129.3	46.4	70.0	121.9	258.7	168.3	..
58-60 Publishing, audiovisual and broadcasting activities	58.4	2.2	0.0	9.8	30.8	114.4	120.6	..
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	..	13.3	1.2	2.5	1.3	26.9	7.2	..
62-63 IT and other information services	..	113.8	45.1	57.8	89.8	117.3	40.6	..
62 Computer programming, consultancy and related activities	59.5	77.7	32.3	57.7	89.7	116.8	40.2	..
63 Information service activities	..	36.1	12.8	0.1	0.2	0.5	0.4	..
64-66 Financial and insurance activities	..	..	..	..	0.0	0.0	0.0	..
68-82 Real estate; professional, scientific and technical; administrative and support	174.0	248.0	..	..	369.0	436.5	655.1	..
68 Real estate activities	0.0 e	2.7	..	..	0.0	0.0	0.0	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	31.0	47.9	16.0	15.1	164.3	271.8	512.7	..
72 Scientific research and development	142.7	194.7	132.7	151.1	204.6	164.6	142.1	..
77-82 Administrative and support service activities	0.3 e	2.7	..	1.9	0.1	0.1	0.4	..
84-99 Community, social and personal services	0.1	2.9	0.0	2.9	2.1	2.5	25.9	..
84-85 Public administration and defence; compulsory social security and education	..	..	..	..	0.0	0.0	0.0	..
86-88 Human health and social work activities	..	..	..	..	2.1	2.0	25.3	..
90-93 Arts, entertainment and recreation	..	..	..	..	0.0	0.5	0.6	..
94-99 Other services; household-employers; extraterritorial bodies	..	..	..	..	0.0	0.0	0.0	..

.. Not available; e Estimated value

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

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