

ITALY

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	13 273.8	13 695.9	14 268.5	14 854.5	15 570.9	16 688.8	17 350.9	19 501.9
01-03 AGRICULTURE, FORESTRY AND FISHING	2.3	4.5	4.3	4.5	6.0	9.4	12.5	15.4
05-09 MINING AND QUARRYING	213.9	97.0	82.6	83.3	79.9	72.0	62.3	85.3
10-33 MANUFACTURING	9 245.7	9 810.6	10 501.7	11 035.4	11 229.0	11 810.9	12 157.2	13 611.2
10-12 Food products, beverages and tobacco	202.5	212.6	198.1	229.5	255.4	270.1	299.9	348.8
13-15 Textiles, wearing apparel, leather and related products	473.9	548.8	572.6	611.2	651.8	692.7	741.0	826.4
13 Textiles	117.5	149.5	131.9	137.3	150.1	171.2	178.3	192.8
14 Wearing apparel	252.2	269.3	281.5	301.4	304.5	306.2	347.0	384.2
15 Leather and related products, footwear	104.2	130.0	159.1	172.4	197.2	215.4	215.7	249.3
16-18 Wood and paper products and printing	96.1	89.8	95.3	87.1	101.6	106.0	126.3	153.1
16 Wood and wood products, except furniture	21.1	18.1	17.9	18.3	18.4	18.3	16.8	24.8
17 Paper and paper products	57.7	57.5	63.7	56.7	69.4	69.7	92.0	91.8
18 Printing and reproduction of recorded media	17.2	14.2	13.7	12.0	13.7	18.0	17.5	36.5
19-23 Chemical, rubber, plastic, non-metallic mineral products	1 530.0	1 633.7	1 640.7	1 765.1	1 751.9	1 827.2	1 901.2	2 171.3
19 Coke and refined petroleum products	6.9	11.9	16.6	16.4	18.3	23.5	21.8	14.4
20-21 Chemical and pharmaceutical products	1 129.9	1 191.7	1 208.9	1 244.3	1 232.5	1 213.0	1 287.7	1 475.5
20 Chemicals and chemical products	438.2	470.3	446.6	472.8	494.2	521.3	562.3	659.3
21 Pharmaceuticals, medicinal, chemical and botanical products	691.7	721.4	762.4	771.5	738.2	691.7	725.5	816.3
22 Rubber and plastic products	271.1	307.6	309.6	375.5	370.1	443.8	414.0	472.2
23 Other non-metallic mineral products	122.1	122.5	105.6	128.8	131.0	146.9	177.6	209.1
24-25 Basic metals, metal products, except machinery and equipment	453.0	471.1	494.1	507.3	568.0	534.9	601.5	719.6
24 Basic metals	124.1	124.8	138.9	134.4	125.6	109.6	118.6	176.1
25 Fabricated metal products, except machinery and equipment	328.9	346.3	355.2	372.9	442.4	425.4	482.8	543.5
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	6 225.8	6 585.6	7 244.2	7 533.5	7 601.7	8 049.6	8 143.9	8 945.7
26 Computer, electronic and optical products	1 649.5	1 785.3	1 902.8	1 828.9	1 757.4	1 771.2	1 846.5	1 349.8
27 Electrical equipment	494.0	562.2	607.1	631.0	655.1	631.4	680.5	817.8
28 Machinery and equipment n.e.c.	1 400.9	1 376.6	1 539.2	1 731.5	1 860.4	1 976.4	2 031.3	2 263.5
29 Motor vehicles, trailers and semi-trailers	1 287.7	1 392.3	1 710.5	1 844.0	1 971.2	2 361.9	2 286.1	2 480.3
30 Other transport equipment	1 393.7	1 469.2	1 484.8	1 498.0	1 357.8	1 308.6	1 299.5	2 034.3
31-33 Furniture; repair, installation of machinery and equipment	264.4	269.0	256.6	301.8	298.1	330.3	343.5	446.5
31 Furniture	73.8	65.2	69.2	75.4	77.0	90.6	98.8	123.2
32 Other manufacturing	98.8	116.6	118.9	146.3	129.1	146.7	153.8	231.7
33 Repair and installation of machinery and equipment	91.8	87.1	68.5	80.1	92.0	93.0	90.9	91.6
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	25.7	22.7	28.1	37.2	43.8	212.2	137.7	90.4
35-36 Electricity, gas and water	15.4	15.1	20.6	28.0	36.3	194.3	120.0	68.7
37-39 Sewerage, waste management and remediation activities	10.2	7.5	7.5	9.2	7.5	17.9	17.8	21.8
41-43 CONSTRUCTION	61.8	54.1	42.0	48.7	57.1	50.9	141.4	134.2
45-99 TOTAL SERVICES	3 724.3	3 707.0	3 609.7	3 645.4	4 155.2	4 533.3	4 839.7	5 565.3
45-82 Business sector services	3 631.4	3 617.0	3 500.0	3 477.1	3 913.6	4 276.2	4 539.3	5 230.9
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	372.4	394.7	336.9	365.2	434.4	480.8	539.7	701.3
49-53 Transportation and storage	42.0	41.0	36.6	23.9	55.1	51.2	53.1	57.3
55-56 Accommodation and food service activities	2.9	4.4	3.8	3.2	2.4	3.0	2.7	4.2
58-63 Information and communication	1 671.1	1 610.5	1 489.9	1 515.3	1 764.7	1 664.2	1 837.1	2 089.5
58-60 Publishing, audiovisual and broadcasting activities	18.2	17.0	16.3	23.7	21.3	26.4	30.8	32.5
58 Publishing activities	5.2	6.0	5.9	15.1	12.2	17.6	20.6	26.9
59-60 Motion picture, video and TV programme production; broadcasting activities	13.0	11.0	10.4	8.6	9.0	8.9	10.1	5.7
59 Motion picture, video and TV programme production; sound and music	..	..	..	..	..	..	..	..
60 Programming and broadcasting activities	..	..	..	..	..	..	..	..
61 Telecommunications	1 293.4	1 237.1	1 090.8	1 088.2	577.9	421.8	433.8	820.3
62-63 IT and other information services	359.5	356.4	382.8	403.4	1 165.3	1 216.0	1 372.4	1 236.7
62 Computer programming, consultancy and related activities	331.6	328.4	346.8	362.2	661.9	1 162.6	1 322.9	1 142.3
63 Information service activities	27.9	28.0	36.0	41.2	503.5	53.4	49.5	94.4
64-66 Financial and insurance activities	240.0	252.8	188.4	229.4	253.2	303.5	315.6	352.1
68-82 Real estate; professional, scientific and technical; administrative and support	1 303.1	1 313.5	1 444.3	1 340.1	1 403.8	1 773.4	1 791.2	2 026.4
68 Real estate activities	30.2	13.3	7.0	10.3	3.0	4.0	1.5	5.6
69-75x72 Professional, scientific and technical activities, except scientific R&D	402.0	422.8	495.2	431.8	460.6	487.6	506.7	587.9
72 Scientific research and development	857.4	865.3	930.2	879.3	929.3	1 242.4	1 209.8	1 315.2
77-82 Administrative and support service activities	13.5	12.0	12.0	18.6	10.9	39.5	73.2	117.7
84-99 Community, social and personal services	93.0	90.0	109.7	168.4	241.6	257.1	300.4	334.4
84-85 Public administration and defence; compulsory social security and education	1.8	3.1	2.9	1.9	2.3	2.2	16.8	5.7
86-88 Human health and social work activities	81.9	76.3	94.4	155.1	216.7	223.7	237.0	281.5
90-93 Arts, entertainment and recreation	1.2	2.2	2.0	1.3	10.4	19.5	36.2	29.6
94-99 Other services; household-employers; extraterritorial bodies	8.0	8.4	10.4	10.0	12.1	11.8	10.4	17.6

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

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