

ITALY

R&D expenditure in industry by industry orientation, 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	106.4	86.5	119.3	130.4	130.7	155.8	129.3	352.1
05-09 MINING AND QUARRYING	228.3	54.5	47.3	50.2	82.6	53.0	115.9	121.0
10-33 MANUFACTURING	10 176.2	10 896.5	11 511.1	11 772.1	12 181.1	12 599.6	13 936.3	15 207.0
10-12 Food products, beverages and tobacco	295.5	327.8	278.6	324.6	385.5	405.4	515.8	727.8
13-15 Textiles, wearing apparel, leather and related products	590.8	700.9	736.0	785.0	939.1	1 397.6	923.5	1 047.6
13 Textiles	232.5	283.6	269.5	296.1	353.7	685.4	312.5	389.5
14 Wearing apparel	251.3	275.1	295.4	310.7	328.2	454.2	370.3	390.6
15 Leather and related products, footwear	107.1	142.1	171.1	178.3	257.2	258.0	240.7	267.5
16-18 Wood and paper products and printing	173.7	164.7	171.3	171.2	209.5	314.5	211.7	239.0
16 Wood and wood products, except furniture	59.8	47.5	46.0	53.6	64.6	75.0	55.3	73.1
17 Paper and paper products	87.1	88.9	95.8	94.3	99.0	193.7	116.2	117.9
18 Printing and reproduction of recorded media	26.8	28.2	29.5	23.3	46.0	45.8	40.3	48.0
19-23 Chemical, rubber, plastic, non-metallic mineral products	2 046.8	2 233.3	2 291.9	2 281.3	2 227.7	2 320.8	2 574.8	2 710.3
19 Coke and refined petroleum products	94.0	126.0	130.2	115.5	128.4	56.5	35.1	46.5
20-21 Chemical and pharmaceutical products	1 490.5	1 599.5	1 609.5	1 551.2	1 504.1	1 507.0	1 711.3	1 831.9
20 Chemicals and chemical products	455.2	492.3	439.0	455.2	534.0	541.2	571.7	655.0
21 Pharmaceuticals, medicinal, chemical and botanical products	1 035.3	1 107.1	1 170.4	1 096.0	970.2	965.8	1 139.6	1 176.9
22 Rubber and plastic products	321.0	362.0	419.8	455.0	429.3	592.5	583.7	590.3
23 Other non-metallic mineral products	141.3	145.9	132.3	159.5	165.9	164.8	244.7	241.7
24-25 Basic metals, metal products, except machinery and equipment	696.9	602.2	622.0	682.1	821.0	710.7	941.0	952.5
24 Basic metals	250.9	265.4	280.5	321.9	424.4	321.5	323.7	422.3
25 Fabricated metal products, except machinery and equipment	446.0	336.9	341.5	360.2	396.6	389.2	617.3	530.2
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	6 229.2	6 716.5	7 262.2	7 371.9	7 432.5	7 247.6	8 546.3	9 284.7
26 Computer, electronic and optical products	1 868.5	1 967.5	2 031.3	1 983.3	1 964.5	1 987.2	2 388.9	2 645.4
27 Electrical equipment	351.9	415.4	486.8	504.7	535.2	421.5	558.4	639.5
28 Machinery and equipment n.e.c.	1 004.4	951.5	1 069.6	1 172.6	1 224.6	1 340.5	1 409.2	1 735.0
29 Motor vehicles, trailers and semi-trailers	1 672.1	1 927.5	2 140.7	2 246.7	2 233.4	2 548.2	2 857.7	3 070.4
30 Other transport equipment	1 332.3	1 454.5	1 534.0	1 464.3	1 474.8	950.2	1 332.3	1 194.5
31-33 Furniture; repair, installation of machinery and equipment	143.3	151.1	149.1	156.1	165.7	203.0	223.0	245.3
31 Furniture	40.6	43.5	46.8	43.7	45.6	54.7	61.9	69.9
32 Other manufacturing	82.1	88.7	91.1	93.5	93.9	120.5	141.4	148.1
33 Repair and installation of machinery and equipment	20.6	18.9	11.2	18.9	26.3	27.7	19.7	27.2
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	328.7	318.9	328.6	303.1	305.4	429.8	337.2	285.1
35-36 Electricity, gas and water	289.5	267.9	277.7	258.6	264.6	380.0	290.2	235.5
37-39 Sewerage, waste management and remediation activities	39.2	51.0	50.9	44.4	40.8	49.8	47.1	49.6
41-43 CONSTRUCTION	128.1	69.8	64.6	145.2	70.5	77.9	86.8	59.4
45-99 TOTAL SERVICES	2 306.1	2 269.7	2 197.6	2 453.6	2 800.5	3 372.8	2 745.4	3 477.3
45-82 Business sector services	1 425.9	1 477.7	2 021.4	2 209.9	2 522.0	3 123.1	2 369.3	3 080.5
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	71.7	47.8	42.6	72.2	169.5	390.4	65.3	39.9
49-53 Transportation and storage	92.8	68.7	66.4	75.2	70.5	77.8	61.1	94.8
55-56 Accommodation and food service activities	9.2	10.9	10.4	16.7	8.3	15.2	12.3	17.1
58-63 Information and communication	834.8	930.7	1 494.0	1 539.6	1 624.7	1 834.4	1 609.0	2 120.4
58-60 Publishing, audiovisual and broadcasting activities	13.6	9.2	12.0	14.0	17.1	23.8	14.3	34.8
58 Publishing activities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59-60 Motion picture, video and TV programme production; broadcasting activities	13.6	9.2	12.0	14.0	17.1	23.8	14.3	34.8
59 Motion picture, video and TV programme production; sound and music	13.6	9.2	12.0	14.0	17.1	23.8	14.3	34.8
60 Programming and broadcasting activities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61 Telecommunications	416.2	523.1	1 050.9	1 084.5	1 009.8	1 127.0	787.5	1 052.2
62-63 IT and other information services	405.0	398.3	431.0	441.1	597.9	683.5	807.2	1 033.4
62 Computer programming, consultancy and related activities	381.7	372.2	406.9	414.9	553.5	612.1	725.6	923.6
63 Information service activities	23.3	26.2	24.1	26.2	44.4	71.5	81.6	109.9
64-66 Financial and insurance activities	253.5	273.4	216.4	271.2	315.5	361.7	413.1	497.8
68-82 Real estate; professional, scientific and technical; administrative and support	163.9	146.2	191.5	235.0	333.5	443.5	208.6	310.5
68 Real estate activities	2.9	0.8	0.1	0.1	0.9	1.0	3.1	2.5
69-75x72 Professional, scientific and technical activities, except scientific R&D	158.6	142.1	188.6	231.5	328.9	438.8	197.4	263.5
72 Scientific research and development	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.3
77-82 Administrative and support service activities	2.5	3.2	2.8	3.3	3.7	3.7	8.1	4.1
84-99 Community, social and personal services	880.2	792.0	176.2	243.7	278.4	249.7	376.1	396.9
84-85 Public administration and defence; compulsory social security and education	32.8	42.6	44.6	51.8	51.7	41.7	43.8	26.2
86-88 Human health and social work activities	80.1	82.9	114.4	176.3	216.6	186.3	283.8	326.9
90-93 Arts, entertainment and recreation	2.7	3.1	0.5	3.7	1.9	5.5	9.6	15.1
94-99 Other services; household-employers; extraterritorial bodies	764.6	663.5	16.7	11.9	8.3	16.1	39.0	28.6

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

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