

ITALY

R&D expenditure in industry by industry orientation, current prices

ISIC Rev. 4

Million USD PPP

	2011	2012	2013	2014	2015	2016	2017	2018
TOTAL BUSINESS ENTERPRISE	14 268.5	14 854.5	15 570.9	16 688.8	17 449.5	20 108.3	..	..
01-03 AGRICULTURE, FORESTRY AND FISHING	119.3	130.4	130.7	155.8	130.0	363.1	..	..
05-09 MINING AND QUARRYING	47.3	50.2	82.6	53.0	116.6	124.7	..	..
10-33 MANUFACTURING	11 511.1	11 772.1	12 181.1	12 599.6	14 015.5	15 679.9	..	..
10-12 Food products, beverages and tobacco	278.6	324.6	385.5	405.4	518.8	750.4	..	..
13-15 Textiles, wearing apparel, leather and related products	736.0	785.0	939.1	1 397.6	928.8	1 080.2	..	..
13 Textiles	269.5	296.1	353.7	685.4	314.3	401.6	..	..
14 Wearing apparel	295.4	310.7	328.2	454.2	372.4	402.8	..	..
15 Leather and related products, footwear	171.1	178.3	257.2	258.0	242.1	275.8	..	..
16-18 Wood and paper products and printing	171.3	171.2	209.5	314.5	212.9	246.4	..	..
16 Wood and wood products, except furniture	46.0	53.6	64.6	75.0	55.7	75.3	..	..
17 Paper and paper products	95.8	94.3	99.0	193.7	116.9	121.6	..	..
18 Printing and reproduction of recorded media	29.5	23.3	46.0	45.8	40.5	49.4	..	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	2 291.9	2 281.3	2 227.7	2 320.8	2 589.5	2 794.6	..	..
19 Coke and refined petroleum products	130.2	115.5	128.4	56.5	35.3	48.0	..	..
20-21 Chemical and pharmaceutical products	1 609.5	1 551.2	1 504.1	1 507.0	1 721.1	1 888.8	..	..
20 Chemicals and chemical products	439.0	455.2	534.0	541.2	575.0	675.3	..	..
21 Pharmaceuticals, medicinal, chemical and botanical products	1 170.4	1 096.0	970.2	965.8	1 146.1	1 213.5	..	..
22 Rubber and plastic products	419.8	455.0	429.3	592.5	587.0	608.6	..	..
23 Other non-metallic mineral products	132.3	159.5	165.9	164.8	246.0	249.2	..	..
24-25 Basic metals, metal products, except machinery and equipment	622.0	682.1	821.0	710.7	946.4	982.1	..	..
24 Basic metals	280.5	321.9	424.4	321.5	325.5	435.5	..	..
25 Fabricated metal products, except machinery and equipment	341.5	360.2	396.6	389.2	620.9	546.7	..	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	7 262.2	7 371.9	7 432.5	7 247.6	8 594.9	9 573.4	..	..
26 Computer, electronic and optical products	2 031.3	1 983.3	1 964.5	1 987.2	2 402.5	2 727.6	..	..
27 Electrical equipment	486.8	504.7	535.2	421.5	561.5	659.4	..	..
28 Machinery and equipment n.e.c.	1 069.6	1 172.6	1 224.6	1 340.5	1 417.2	1 788.9	..	..
29 Motor vehicles, trailers and semi-trailers	2 140.7	2 246.7	2 233.4	2 548.2	2 874.0	3 165.8	..	..
30 Other transport equipment	1 534.0	1 464.3	1 474.8	950.2	1 339.9	1 231.6	..	..
31-33 Furniture; repair, installation of machinery and equipment	149.1	156.1	165.7	203.0	224.2	252.9	..	..
31 Furniture	46.8	43.7	45.6	54.7	62.3	72.1	..	..
32 Other manufacturing	91.1	93.5	93.9	120.5	142.2	152.7	..	..
33 Repair and installation of machinery and equipment	11.2	18.9	26.3	27.7	19.8	28.1	..	..
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	328.6	303.1	305.4	429.8	339.1	294.0	..	..
35-36 Electricity, gas and water	277.7	258.6	264.6	380.0	291.8	242.9	..	..
37-39 Sewerage, waste management and remediation activities	50.9	44.4	40.8	49.8	47.4	51.1	..	..
41-43 CONSTRUCTION	64.6	145.2	70.5	77.9	87.3	61.2	..	..
45-99 TOTAL SERVICES	2 197.6	2 453.6	2 800.5	3 372.8	2 761.0	3 585.5	..	..
45-82 Business sector services	2 021.4	2 209.9	2 522.0	3 123.1	2 382.8	3 176.3	..	..
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	42.6	72.2	169.5	390.4	65.7	41.2	..	..
49-53 Transportation and storage	66.4	75.2	70.5	77.8	61.5	97.8	..	..
55-56 Accommodation and food service activities	10.4	16.7	8.3	15.2	12.3	17.6	..	..
58-63 Information and communication	1 494.0	1 539.6	1 624.7	1 834.4	1 618.2	2 186.4	..	..
58-60 Publishing, audiovisual and broadcasting activities	12.0	14.0	17.1	23.8	14.4	35.9	..	..
58 Publishing activities	0.0	0.0	0.0	0.0	0.0	0.0	..	..
59-60 Motion picture, video and TV programme production; broadcasting activities	12.0	14.0	17.1	23.8	14.4	35.9	..	..
59 Motion picture, video and TV programme production; sound and music	12.0	14.0	17.1	23.8	14.4	35.9	..	..
60 Programming and broadcasting activities	0.0	0.0	0.0	0.0	0.0	0.0	..	..
61 Telecommunications	1 050.9	1 084.5	1 009.8	1 127.0	792.0	1 084.9	..	..
62-63 IT and other information services	431.0	441.1	597.9	683.5	811.8	1 065.6	..	..
62 Computer programming, consultancy and related activities	406.9	414.9	553.5	612.1	729.7	952.3	..	..
63 Information service activities	24.1	26.2	44.4	71.5	82.1	113.3	..	..
64-66 Financial and insurance activities	216.4	271.2	315.5	361.7	415.4	513.3	..	..
68-82 Real estate; professional, scientific and technical; administrative and support	191.5	235.0	333.5	443.5	209.8	320.1	..	..
68 Real estate activities	0.1	0.1	0.9	1.0	3.1	2.6	..	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	188.6	231.5	328.9	438.8	198.5	271.7	..	..
72 Scientific research and development	0.0	0.0	0.0	0.0	0.0	41.5	..	..
77-82 Administrative and support service activities	2.8	3.3	3.7	3.7	8.1	4.3	..	..
84-99 Community, social and personal services	176.2	243.7	278.4	249.7	378.2	409.2	..	..
84-85 Public administration and defence; compulsory social security and education	44.6	51.8	51.7	41.7	44.0	27.0	..	..
86-88 Human health and social work activities	114.4	176.3	216.6	186.3	285.4	337.1	..	..
90-93 Arts, entertainment and recreation	0.5	3.7	1.9	5.5	9.6	15.6	..	..
94-99 Other services; household-employers; extraterritorial bodies	16.7	11.9	8.3	16.1	39.3	29.5

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