

# ITALY

## R&D expenditure in industry by industry orientation, constant prices

ISIC Rev. 4

2010 USD PPP

	2009	2010	2011	2012	2013	2014	2015	2016
<b>TOTAL BUSINESS ENTERPRISE</b>	<b>13 296.6</b>	<b>13 695.9</b>	<b>13 811.7</b>	<b>13 978.4</b>	<b>14 275.1</b>	<b>15 202.8</b>	<b>15 723.7</b>	<b>17 045.5</b>
<b>01-03 AGRICULTURE, FORESTRY AND FISHING</b>	<b>106.6</b>	<b>86.5</b>	<b>115.5</b>	<b>122.7</b>	<b>119.9</b>	<b>141.9</b>	<b>117.1</b>	<b>307.8</b>
<b>05-09 MINING AND QUARRYING</b>	<b>228.7</b>	<b>54.5</b>	<b>45.8</b>	<b>47.2</b>	<b>75.7</b>	<b>48.3</b>	<b>105.1</b>	<b>105.7</b>
<b>10-33 MANUFACTURING</b>	<b>10 193.7</b>	<b>10 896.5</b>	<b>11 142.5</b>	<b>11 077.8</b>	<b>11 167.4</b>	<b>11 477.7</b>	<b>12 629.3</b>	<b>13 291.6</b>
10-12 Food products, beverages and tobacco	296.0	327.8	269.7	305.4	353.4	369.3	467.4	636.1
13-15 Textiles, wearing apparel, leather and related products	591.8	700.9	712.4	738.7	861.0	1 273.2	836.9	915.6
13 Textiles	232.9	283.6	260.9	278.6	324.3	624.4	283.2	340.4
14 Wearing apparel	251.7	275.1	285.9	292.3	300.9	413.7	335.5	341.4
15 Leather and related products, footwear	107.3	142.1	165.6	167.8	235.8	235.1	218.2	233.8
16-18 Wood and paper products and printing	174.0	164.7	165.9	161.1	192.1	286.5	191.8	208.9
16 Wood and wood products, except furniture	59.9	47.5	44.5	50.5	59.2	68.3	50.1	63.9
17 Paper and paper products	87.3	88.9	92.8	88.7	90.8	176.5	105.3	103.1
18 Printing and reproduction of recorded media	26.9	28.2	28.6	21.9	42.2	41.7	36.5	41.9
19-23 Chemical, rubber, plastic, non-metallic mineral products	2 050.3	2 233.3	2 218.5	2 146.7	2 042.3	2 114.1	2 333.3	2 368.9
19 Coke and refined petroleum products	94.2	126.0	126.1	108.7	117.8	51.4	31.8	40.7
20-21 Chemical and pharmaceutical products	1 493.0	1 599.5	1 558.0	1 459.7	1 379.0	1 372.8	1 550.8	1 601.1
20 Chemicals and chemical products	456.0	492.3	425.0	428.4	489.5	493.0	518.1	572.5
21 Pharmaceuticals, medicinal, chemical and botanical products	1 037.0	1 107.1	1 133.0	1 031.3	889.4	879.8	1 032.8	1 028.7
22 Rubber and plastic products	321.6	362.0	406.4	428.1	393.5	539.8	528.9	515.9
23 Other non-metallic mineral products	141.6	145.9	128.1	150.1	152.1	150.1	221.7	211.2
24-25 Basic metals, metal products, except machinery and equipment	698.1	602.2	602.1	641.8	752.6	647.4	852.8	832.5
24 Basic metals	251.3	265.4	271.5	302.9	389.1	292.9	293.3	369.1
25 Fabricated metal products, except machinery and equipment	446.8	336.9	330.6	338.9	363.6	354.5	559.5	463.4
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	6 239.9	6 716.5	7 029.7	6 937.1	6 814.0	6 602.3	7 744.8	8 115.2
26 Computer, electronic and optical products	1 871.7	1 967.5	1 966.2	1 866.4	1 801.0	1 810.3	2 164.8	2 312.2
27 Electrical equipment	352.5	415.4	471.2	475.0	490.7	384.0	506.0	558.9
28 Machinery and equipment n.e.c.	1 006.1	951.5	1 035.4	1 103.5	1 122.7	1 221.1	1 277.0	1 516.4
29 Motor vehicles, trailers and semi-trailers	1 675.0	1 927.5	2 072.1	2 114.2	2 047.6	2 321.3	2 589.7	2 683.6
30 Other transport equipment	1 334.6	1 454.5	1 484.9	1 377.9	1 352.1	865.6	1 207.4	1 044.0
31-33 Furniture; repair, installation of machinery and equipment	143.5	151.1	144.3	146.9	151.9	184.9	202.1	214.4
31 Furniture	40.7	43.5	45.3	41.2	41.8	49.8	56.1	61.1
32 Other manufacturing	82.2	88.7	88.2	88.0	86.0	109.8	128.1	129.4
33 Repair and installation of machinery and equipment	20.6	18.9	10.8	17.7	24.1	25.3	17.8	23.8
<b>35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT</b>	<b>329.2</b>	<b>318.9</b>	<b>318.1</b>	<b>285.2</b>	<b>280.0</b>	<b>391.5</b>	<b>305.5</b>	<b>249.2</b>
35-36 Electricity, gas and water	290.0	267.9	268.8	243.4	242.6	346.2	262.9	205.9
37-39 Sewerage, waste management and remediation activities	39.2	51.0	49.2	41.8	37.4	45.3	42.7	43.3
<b>41-43 CONSTRUCTION</b>	<b>128.3</b>	<b>69.8</b>	<b>62.5</b>	<b>136.7</b>	<b>64.7</b>	<b>70.9</b>	<b>78.7</b>	<b>51.9</b>
<b>45-99 TOTAL SERVICES</b>	<b>2 310.1</b>	<b>2 269.7</b>	<b>2 127.3</b>	<b>2 308.8</b>	<b>2 567.4</b>	<b>3 072.5</b>	<b>2 487.9</b>	<b>3 039.3</b>
<b>45-82 Business sector services</b>	<b>1 428.4</b>	<b>1 477.7</b>	<b>1 956.7</b>	<b>2 079.5</b>	<b>2 312.2</b>	<b>2 845.1</b>	<b>2 147.1</b>	<b>2 692.5</b>
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	71.8	47.8	41.2	68.0	155.4	355.7	59.2	34.9
49-53 Transportation and storage	93.0	68.7	64.3	70.7	64.7	70.9	55.4	82.9
55-56 Accommodation and food service activities	9.2	10.9	10.1	15.7	7.6	13.9	11.1	14.9
<b>58-63 Information and communication</b>	<b>836.3</b>	<b>930.7</b>	<b>1 446.2</b>	<b>1 448.8</b>	<b>1 489.5</b>	<b>1 671.1</b>	<b>1 458.1</b>	<b>1 853.3</b>
58-60 Publishing, audiovisual and broadcasting activities	13.6	9.2	11.6	13.2	15.7	21.7	12.9	30.4
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	11.6	13.2	15.7	21.7	12.9	30.4
59 Motion picture, video and TV programme production; sound and music	13.6	9.2	11.6	13.2	15.7	21.7	12.9	30.4
60 Programming and broadcasting activities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61 Telecommunications	416.9	523.1	1 017.3	1 020.5	925.7	1 026.7	713.7	919.7
62-63 IT and other information services	405.7	398.3	417.2	415.1	548.1	622.7	731.5	903.3
62 Computer programming, consultancy and related activities	382.3	372.2	393.9	390.4	507.4	557.6	657.6	807.2
63 Information service activities	23.4	26.2	23.3	24.7	40.7	65.1	73.9	96.0
<b>64-66 Financial and insurance activities</b>	<b>253.9</b>	<b>273.4</b>	<b>209.5</b>	<b>255.2</b>	<b>289.2</b>	<b>329.5</b>	<b>374.3</b>	<b>435.1</b>
<b>68-82 Real estate; professional, scientific and technical; administrative and support</b>	<b>164.2</b>	<b>146.2</b>	<b>185.4</b>	<b>221.1</b>	<b>305.8</b>	<b>404.0</b>	<b>189.0</b>	<b>271.4</b>
68 Real estate activities	2.9	0.8	0.1	0.1	0.9	0.9	2.8	2.2
69-75x72 Professional, scientific and technical activities, except scientific R&D	158.8	142.1	182.6	217.8	301.5	399.7	178.9	230.3
72 Scientific research and development	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.2
77-82 Administrative and support service activities	2.5	3.2	2.7	3.1	3.4	3.4	7.3	3.6
84-99 Community, social and personal services	881.7	792.0	170.6	229.3	255.3	227.4	340.8	346.9
84-85 Public administration and defence; compulsory social security and education	32.9	42.6	43.1	48.7	47.4	38.0	39.7	22.9
86-88 Human health and social work activities	80.3	82.9	110.7	165.9	198.6	169.7	257.2	285.7
90-93 Arts, entertainment and recreation	2.7	3.1	0.5	3.5	1.7	5.0	8.7	13.2
94-99 Other services; household-employers; extraterritorial bodies	765.9	663.5	16.2	11.2	7.6	14.7	35.4	25.0

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

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