

# ITALY

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

ISIC Rev. 4

Million USD PPP

	2011	2012	2013	2014	2015	2016	2017	2018
<b>TOTAL BUSINESS ENTERPRISE</b>	<b>14 268.5</b>	<b>14 854.5</b>	<b>15 570.9</b>	<b>16 688.8</b>	<b>17 449.5</b>	<b>20 108.3</b>	<b>21 615.9</b>	..
<b>01-03 AGRICULTURE, FORESTRY AND FISHING</b>	<b>4.3</b>	<b>4.5</b>	<b>6.0</b>	<b>9.4</b>	<b>12.6</b>	<b>15.9</b>	<b>8.7</b>	..
<b>05-09 MINING AND QUARRYING</b>	<b>82.6</b>	<b>83.3</b>	<b>79.9</b>	<b>72.0</b>	<b>62.7</b>	<b>88.0</b>	<b>106.4</b>	..
<b>10-33 MANUFACTURING</b>	<b>10 501.7</b>	<b>11 035.4</b>	<b>11 229.0</b>	<b>11 810.9</b>	<b>12 226.3</b>	<b>14 034.5</b>	<b>14 788.7</b>	..
10-12 Food products, beverages and tobacco	198.1	229.5	255.4	270.1	301.6	359.6	376.9	..
13-15 Textiles, wearing apparel, leather and related products	572.6	611.2	651.8	692.7	745.2	852.1	1 012.3	..
13 Textiles	131.9	137.3	150.1	171.2	179.3	198.8	243.8	..
14 Wearing apparel	281.5	301.4	304.5	306.2	349.0	396.2	474.2	..
15 Leather and related products, footwear	159.1	172.4	197.2	215.4	216.9	257.1	294.2	..
16-18 Wood and paper products and printing	95.3	87.1	101.6	106.0	127.0	157.8	201.4	..
16 Wood and wood products, except furniture	17.9	18.3	18.4	18.3	16.9	25.6	42.9	..
17 Paper and paper products	63.7	56.7	69.4	69.7	92.5	94.6	112.9	..
18 Printing and reproduction of recorded media	13.7	12.0	13.7	18.0	17.6	37.6	45.6	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	1 640.7	1 765.1	1 751.9	1 827.2	1 912.0	2 238.8	2 431.2	..
19 Coke and refined petroleum products	16.6	16.4	18.3	23.5	21.9	14.9	16.0	..
20-21 Chemical and pharmaceutical products	1 208.9	1 244.3	1 232.5	1 213.0	1 295.1	1 521.4	1 589.7	..
20 Chemicals and chemical products	446.6	472.8	494.2	521.3	565.5	679.8	716.9	..
21 Pharmaceuticals, medicinal, chemical and botanical products	762.4	771.5	738.2	691.7	729.6	841.6	872.7	..
22 Rubber and plastic products	309.6	375.5	370.1	443.8	416.4	486.9	577.1	..
23 Other non-metallic mineral products	105.6	128.8	131.0	146.9	178.6	215.6	248.4	..
24-25 Basic metals, metal products, except machinery and equipment	494.1	507.3	568.0	534.9	604.9	741.9	763.6	..
24 Basic metals	138.9	134.4	125.6	109.6	119.3	181.5	205.0	..
25 Fabricated metal products, except machinery and equipment	355.2	372.9	442.4	425.4	485.6	560.4	558.6	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	7 244.2	7 533.5	7 601.7	8 049.6	8 190.2	9 223.9	9 489.4	..
26 Computer, electronic and optical products	1 902.8	1 828.9	1 757.4	1 771.2	1 857.0	1 391.8	1 502.2	..
27 Electrical equipment	607.1	631.0	655.1	631.4	684.4	843.2	915.7	..
28 Machinery and equipment n.e.c.	1 539.2	1 731.5	1 860.4	1 976.4	2 042.8	2 333.9	2 672.0	..
29 Motor vehicles, trailers and semi-trailers	1 710.5	1 844.0	1 971.2	2 361.9	2 299.1	2 557.4	2 187.7	..
30 Other transport equipment	1 484.8	1 498.0	1 357.8	1 308.6	1 306.8	2 097.5	2 211.8	..
31-33 Furniture; repair, installation of machinery and equipment	256.6	301.8	298.1	330.3	345.4	460.4	514.1	..
31 Furniture	69.2	75.4	77.0	90.6	99.4	127.0	157.5	..
32 Other manufacturing	118.9	146.3	129.1	146.7	154.6	238.9	245.2	..
33 Repair and installation of machinery and equipment	68.5	80.1	92.0	93.0	91.4	94.5	111.4	..
<b>35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT</b>	<b>28.1</b>	<b>37.2</b>	<b>43.8</b>	<b>212.2</b>	<b>138.5</b>	<b>93.2</b>	<b>147.2</b>	..
35-36 Electricity, gas and water	20.6	28.0	36.3	194.3	120.7	70.8	118.4	..
37-39 Sewerage, waste management and remediation activities	7.5	9.2	7.5	17.9	17.9	22.5	28.7	..
<b>41-43 CONSTRUCTION</b>	<b>42.0</b>	<b>48.7</b>	<b>57.1</b>	<b>50.9</b>	<b>142.2</b>	<b>138.4</b>	<b>192.5</b>	..
<b>45-99 TOTAL SERVICES</b>	<b>3 609.7</b>	<b>3 645.4</b>	<b>4 155.2</b>	<b>4 533.3</b>	<b>4 867.2</b>	<b>5 738.4</b>	<b>6 372.4</b>	..
<b>45-82 Business sector services</b>	<b>3 500.0</b>	<b>3 477.1</b>	<b>3 913.6</b>	<b>4 276.2</b>	<b>4 565.1</b>	<b>5 393.6</b>	<b>5 922.4</b>	..
<b>45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs</b>	<b>336.9</b>	<b>365.2</b>	<b>434.4</b>	<b>480.8</b>	<b>542.7</b>	<b>723.1</b>	<b>973.0</b>	..
<b>49-53 Transportation and storage</b>	<b>36.6</b>	<b>23.9</b>	<b>55.1</b>	<b>51.2</b>	<b>53.4</b>	<b>59.1</b>	<b>81.0</b>	..
<b>55-56 Accommodation and food service activities</b>	<b>3.8</b>	<b>3.2</b>	<b>2.4</b>	<b>3.0</b>	<b>2.7</b>	<b>4.4</b>	<b>9.5</b>	..
<b>58-63 Information and communication</b>	<b>1 489.9</b>	<b>1 515.3</b>	<b>1 764.7</b>	<b>1 664.2</b>	<b>1 847.5</b>	<b>2 154.4</b>	<b>2 322.3</b>	..
58-60 Publishing, audiovisual and broadcasting activities	16.3	23.7	21.3	26.4	31.0	33.6	41.5	..
58 Publishing activities	5.9	15.1	12.2	17.6	20.7	27.7	32.5	..
59-60 Motion picture, video and TV programme production; broadcasting activities	10.4	8.6	9.0	8.9	10.2	5.9	9.1	..
59 Motion picture, video and TV programme production; sound and music	..	..	..	..	..	..	..	..
60 Programming and broadcasting activities	..	..	..	..	..	..	..	..
61 Telecommunications	1 090.8	1 088.2	577.9	421.8	436.3	845.8	718.8	..
62-63 IT and other information services	382.8	403.4	1 165.3	1 216.0	1 380.2	1 275.1	1 562.0	..
62 Computer programming, consultancy and related activities	346.8	362.2	661.9	1 162.6	1 330.4	1 177.8	1 454.8	..
63 Information service activities	36.0	41.2	503.5	53.4	49.8	97.3	107.2	..
<b>64-66 Financial and insurance activities</b>	<b>188.4</b>	<b>229.4</b>	<b>253.2</b>	<b>303.5</b>	<b>317.4</b>	<b>363.1</b>	<b>421.3</b>	..
<b>68-82 Real estate; professional, scientific and technical; administrative and support</b>	<b>1 444.3</b>	<b>1 340.1</b>	<b>1 403.8</b>	<b>1 773.4</b>	<b>1 801.4</b>	<b>2 089.4</b>	<b>2 115.3</b>	..
68 Real estate activities	7.0	10.3	3.0	4.0	1.5	5.8	3.8	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	495.2	431.8	460.6	487.6	509.5	606.2	674.1	..
72 Scientific research and development	930.2	879.3	929.3	1 242.4	1 216.7	1 356.1	1 310.0	..
77-82 Administrative and support service activities	12.0	18.6	10.9	39.5	73.7	121.4	127.4	..
84-99 Community, social and personal services	109.7	168.4	241.6	257.1	302.1	344.8	450.0	..
84-85 Public administration and defence; compulsory social security and education	2.9	1.9	2.3	2.2	16.9	5.8	8.3	..
86-88 Human health and social work activities	94.4	155.1	216.7	223.7	238.3	290.2	395.0	..
90-93 Arts, entertainment and recreation	2.0	1.3	10.4	19.5	36.4	30.5	29.3	..
94-99 Other services; household-employers; extraterritorial bodies	10.4	10.0	12.1	11.8	10.4	18.2	17.5	..

.. Not available

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