

# PORTUGAL

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

ISIC Rev. 4

Million USD PPP

	2009	2010	2011	2012	2013	2014	2015	2016
<b>TOTAL BUSINESS ENTERPRISE</b>	<b>2 090.0</b>	<b>2 034.0</b>	<b>1 952.1</b>	<b>1 905.1</b>	<b>1 838.4</b>	<b>1 789.6</b>	<b>1 763.4</b>	<b>1 973.6</b>
<b>01-03 AGRICULTURE, FORESTRY AND FISHING</b>	<b>12.4</b>	<b>10.3</b>	<b>18.5</b>	<b>27.3</b>	<b>26.2</b>	<b>23.1</b>	<b>23.7</b>	<b>26.0</b>
<b>05-09 MINING AND QUARRYING</b>	<b>32.2</b>	<b>19.1</b>	<b>23.8</b>	<b>13.0</b>	<b>12.9</b>	<b>13.3</b>	<b>24.8</b>	<b>16.3</b>
<b>10-33 MANUFACTURING</b>	<b>722.4</b>	<b>741.0</b>	<b>752.5</b>	<b>844.8</b>	<b>804.2</b>	<b>840.1</b>	<b>822.0</b>	<b>956.7</b>
10-12 Food products, beverages and tobacco	71.4	75.8	63.8	109.0	89.7	90.7	69.8	83.2
13-15 Textiles, wearing apparel, leather and related products	35.3	35.5	35.9	40.9	40.8	45.5	52.2	55.1
13 Textiles	20.3	23.0	20.4	24.3	23.1	28.5	32.6	32.1
14 Wearing apparel	7.9	6.4	6.9	5.1	3.7	3.7	7.9	9.7
15 Leather and related products, footwear	7.1	6.1	8.6	11.5	14.1	13.3	11.7	13.3
16-18 Wood and paper products and printing	23.0	28.5	37.3	44.6	46.7	40.5	39.7	43.5
16 Wood and wood products, except furniture	13.1	9.8	11.9	15.6	14.1	13.8	15.1	14.7
17 Paper and paper products	9.6	18.2	25.3	28.2	31.9	25.8	23.6	27.1
18 Printing and reproduction of recorded media	0.3	0.5	0.1	0.9	0.7	1.0	1.0	1.6
19-23 Chemical, rubber, plastic, non-metallic mineral products	234.5 e	269.0	267.7	313.3	283.5 e	276.5	274.7	301.9
19 Coke and refined petroleum products	8.5 e	10.9	0.3	5.9	3.2 e	2.9	5.6	5.5
20-21 Chemical and pharmaceutical products	162.0	199.7	195.4	215.4	208.3	199.1	200.1	229.9
20 Chemicals and chemical products	40.3	54.4	36.7	46.9	44.9	46.7	49.8	58.7
21 Pharmaceuticals, medicinal, chemical and botanical products	121.7	145.3	158.7	168.5	163.4	152.4	150.3	171.2
22 Rubber and plastic products	31.2	21.7	26.2	26.5	27.8	28.3	28.1	30.7
23 Other non-metallic mineral products	32.7	36.7	45.7	65.5	44.2	46.2	40.9	35.8
24-25 Basic metals, metal products, except machinery and equipment	58.4	55.1	54.8	49.8	53.9	69.0	47.5	55.9
24 Basic metals	19.4	20.3	21.5	19.8	22.6	34.0	11.6	17.0
25 Fabricated metal products, except machinery and equipment	39.0	34.8	33.3	30.0	31.3	35.0	35.9	38.9
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	281.5	253.1	265.5	258.8	262.6	289.3	307.2	374.1
26 Computer, electronic and optical products	55.1	54.4	62.5	43.5	65.3	81.6	94.1	103.2
27 Electrical equipment	46.1	68.6	61.3	53.9	56.8	54.9	49.7	55.4
28 Machinery and equipment n.e.c.	45.3	33.7	44.9	45.6	40.8	44.2	40.2	48.9
29 Motor vehicles, trailers and semi-trailers	122.3	83.5	77.2	90.1	75.1	83.2	91.0	125.5
30 Other transport equipment	12.6	12.9	19.6	25.8	24.5	25.4	32.2	41.1
31-33 Furniture; repair, installation of machinery and equipment	18.4 e	24.1	27.4	28.4	27.0 e	28.7	30.9	43.1
31 Furniture	6.7	8.0	5.8	7.1	8.2	8.0	6.8	6.8
32 Other manufacturing	9.7 e	12.3	16.6	14.7	12.2	14.1	16.0	24.3
33 Repair and installation of machinery and equipment	2.0	3.7	5.0	6.5	6.6 e	6.5	8.1	12.0
<b>35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT</b>	<b>134.5</b>	<b>98.2</b>	<b>31.9</b>	<b>38.4</b>	<b>21.3</b>	<b>23.7</b>	<b>22.4</b>	<b>23.9</b>
35-36 Electricity, gas and water	121.8	90.3	18.8	15.0	8.1	10.7	14.1	16.4
37-39 Sewerage, waste management and remediation activities	12.7	7.9	13.1	23.3	13.2	13.0	8.4	7.6
<b>41-43 CONSTRUCTION</b>	<b>40.2</b>	<b>15.9</b>	<b>13.7</b>	<b>7.5</b>	<b>12.7</b>	<b>13.2</b>	<b>16.1</b>	<b>16.8</b>
<b>45-99 TOTAL SERVICES</b>	<b>1 148.3</b>	<b>1 149.5</b>	<b>1 111.7</b>	<b>974.0</b>	<b>961.1</b>	<b>876.1</b>	<b>854.4</b>	<b>933.9</b>
<b>45-82 Business sector services</b>	<b>1 128.9</b>	<b>1 133.4</b>	<b>1 098.6</b>	<b>963.9</b>	<b>941.8</b>	<b>842.1</b>	<b>834.0</b>	<b>910.4</b>
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	53.0	62.4	57.5	71.7	69.8	77.7	67.5	65.7
49-53 Transportation and storage	29.0	45.4	34.2	12.3	17.6	16.5	16.3	15.0
55-56 Accommodation and food service activities	0.0	0.0 e	0.9	6.2	6.2	1.4	1.7	1.7
<b>58-63 Information and communication</b>	<b>704.5</b>	<b>678.1</b>	<b>702.2</b>	<b>605.0</b>	<b>543.2</b>	<b>460.9</b>	<b>423.5</b>	<b>476.2</b>
58-60 Publishing, audiovisual and broadcasting activities	67.5	96.4	75.7	90.0	112.0	104.2	106.4	132.6
58 Publishing activities	63.8	93.9	70.6	87.1	109.9	103.8	106.0	132.2
59-60 Motion picture, video and TV programme production; broadcasting activities	3.7	2.5	5.1	2.9	2.0	0.4	0.4	0.4
59 Motion picture, video and TV programme production; sound and music	..	..	2.1	0.8	0.8	0.4	..	..
60 Programming and broadcasting activities	..	..	3.0	2.1	1.3	0.0	..	..
61 Telecommunications	428.0	389.7	447.6	328.3	248.4	146.7	140.1	142.1
62-63 IT and other information services	209.0	192.0	178.9	186.7	182.8	210.0	177.0	201.5
62 Computer programming, consultancy and related activities	187.6	171.9	131.6	157.5	156.9	182.3	146.0	157.8
63 Information service activities	21.5	20.1	47.4	29.3	25.8	27.6	31.0	43.7
<b>64-66 Financial and insurance activities</b>	<b>207.4</b>	<b>180.3</b>	<b>146.7</b>	<b>148.9</b>	<b>151.6</b>	<b>135.0</b>	<b>160.6</b>	<b>189.8</b>
<b>68-82 Real estate; professional, scientific and technical; administrative and support</b>	<b>134.9</b>	<b>167.3</b>	<b>157.1</b>	<b>119.7</b>	<b>153.3</b>	<b>150.6</b>	<b>164.4</b>	<b>162.0</b>
68 Real estate activities	2.0	1.5 e	1.3	0.9	1.6	1.9	1.4	1.9
69-75x72 Professional, scientific and technical activities, except scientific R&D	94.7	126.0	118.2	73.2	83.1	72.5	83.5	89.5
72 Scientific research and development	36.2	36.9	33.2	38.6	60.9	69.6	70.9	62.0
77-82 Administrative and support service activities	2.0	3.0	4.4	7.0	7.7	6.6	8.7	8.6
84-99 Community, social and personal services	19.4	16.0	13.1	10.2	19.3	34.0	20.4	23.5
84-85 Public administration and defence; compulsory social security and education	0.1	0.3	0.6	1.2	1.4	1.9	2.5	2.4
86-88 Human health and social work activities	12.1	5.6	10.2	7.9	14.2	27.5	13.9	17.9
90-93 Arts, entertainment and recreation	0.4	0.5	0.6	0.5	0.6	1.4	2.8	1.0
94-99 Other services; household-employers; extraterritorial bodies	6.8	9.7	1.7	0.6	3.1	3.2	1.2	2.1

.. Not available; e Estimated value

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

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