

PORTUGAL

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

ISIC Rev. 4

2010 USD PPP

	2010	2011	2012	2013	2014	2015	2016	2017
TOTAL BUSINESS ENTERPRISE	2 032.0	1 957.1	1 863.2	1 694.8	1 624.3	1 592.8	1 746.6	1 939.0
01-03 AGRICULTURE, FORESTRY AND FISHING	10.3	18.6	26.7	24.1	21.0	21.4	23.0	31.2
10-09 MINING AND QUARRYING	19.1	23.8	12.8	11.9	12.1	22.4	14.4	17.5
10-33 MANUFACTURING	740.3	754.4	826.2	741.4	762.5	742.5	846.6	909.3
10-12 Food products, beverages and tobacco	75.7	64.0	106.6	82.7	82.3	63.0	73.6	75.8
13-15 Textiles, wearing apparel, leather and related products	35.5	36.0	40.0	37.7	41.3	47.1	48.7	49.6
13 Textiles	23.0	20.5	23.8	21.3	25.8	29.4	28.4	27.2
14 Wearing apparel	6.4	6.9	5.0	3.4	3.4	7.1	8.5	8.4
15 Leather and related products, footwear	6.1	8.6	11.2	13.0	12.0	10.6	11.8	14.0
16-18 Wood and paper products and printing	28.5	37.4	43.6	43.0	36.8	35.9	38.5	49.9
16 Wood and wood products, except furniture	9.8	12.0	15.2	13.0	12.5	13.7	13.0	19.8
17 Paper and paper products	18.2	25.3	27.5	29.4	23.4	21.3	24.0	28.5
18 Printing and reproduction of recorded media	0.5	0.1	0.9	0.6	0.9	0.9	1.4	1.6
19-23 Chemical, rubber, plastic, non-metallic mineral products	268.8	268.4	306.4	261.3 e	250.9	248.2	267.1	299.8
19 Coke and refined petroleum products	10.9	0.3	5.7	2.9 e	2.7	5.0	4.8	6.6
20-21 Chemical and pharmaceutical products	199.5	195.9	210.7	192.0	180.7	180.7	203.4	219.9
20 Chemicals and chemical products	54.3	36.8	45.9	41.4	42.4	45.0	51.9	47.3
21 Pharmaceuticals, medicinal, chemical and botanical products	145.2	159.2	164.8	150.6	138.3	135.8	151.5	172.6
22 Rubber and plastic products	21.7	26.2	25.9	25.6	25.7	25.4	27.2	28.3
23 Other non-metallic mineral products	36.7	45.9	64.0	40.7	41.9	37.0	31.7	45.0
24-25 Basic metals, metal products, except machinery and equipment	55.0	55.0	48.7	49.7	62.6	42.9	49.5	59.0
24 Basic metals	20.3	21.6	19.4	20.9	30.9	10.5	15.1	17.7
25 Fabricated metal products, except machinery and equipment	34.8	33.4	29.3	28.9	31.7	32.4	34.4	41.3
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	252.8	266.2	253.1	242.1	262.5	277.5	331.1	337.1
26 Computer, electronic and optical products	54.4	62.7	42.6	60.2	74.0	85.0	91.4	84.8
27 Electrical equipment	68.5	61.5	52.7	52.4	49.8	44.9	49.1	53.6
28 Machinery and equipment n.e.c.	33.7	45.0	44.6	37.6	40.1	36.3	43.3	48.3
29 Motor vehicles, trailers and semi-trailers	83.4	77.4	88.1	69.2	75.6	82.2	111.1	106.9
30 Other transport equipment	12.9	19.7	25.2	22.6	23.1	29.0	36.3	43.5
31-33 Furniture; repair, installation of machinery and equipment	24.1	27.5	27.8	24.9 e	26.0	27.9	38.1	38.2
31 Furniture	8.0	5.8	7.0	7.6	7.2	6.1	6.0	8.6
32 Other manufacturing	12.3	16.6	14.4	11.2	12.8	14.4	21.5	20.6
33 Repair and installation of machinery and equipment	3.7	5.0	6.4	6.1 e	5.9	7.3	10.6	9.1
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	98.1	32.0	37.5	19.7	21.5	20.2	21.2	17.7
35-36 Electricity, gas and water	90.2	18.9	14.7	7.5	9.7	12.7	14.5	10.4
37-39 Sewerage, waste management and remediation activities	7.9	13.1	22.8	12.2	11.8	7.5	6.7	7.4
41-43 CONSTRUCTION	15.9	13.8	7.4	11.7	12.0	14.5	14.9	18.1
45-99 TOTAL SERVICES	1 148.3	1 114.6	952.6	886.0	795.1	771.8	826.4	945.2
45-82 Business sector services	1 132.3	1 101.4	942.6	868.2	764.3	753.3	805.7	916.2
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	62.3	57.7	70.1	64.3	70.6	61.0	58.1	73.2
49-53 Transportation and storage	45.3	34.3	12.1	16.3	15.0	14.7	13.3	14.1
55-56 Accommodation and food service activities	0.0 e	0.9	6.0	5.7	1.2	1.5	1.5	1.6 e
58-63 Information and communication	677.5	704.0	591.7	500.8	418.3	382.5	421.4	551.3
58-60 Publishing, audiovisual and broadcasting activities	96.3	75.9	88.0	103.2	94.6	96.1	117.3	128.3
58 Publishing activities	93.8	70.7	85.1	101.4	94.2	95.8	117.0	122.3
59-60 Motion picture, video and TV programme production; broadcasting activities	2.5	5.1	2.9	1.9	0.3	0.4	0.4	6.1
59 Motion picture, video and TV programme production; sound and music	..	2.2	0.8	0.7	0.3
60 Programming and broadcasting activities	..	3.0	2.1	1.2	0.0
61 Telecommunications	389.4	448.7	321.1	229.0	133.2	126.5	125.7	178.6
62-63 IT and other information services	191.8	179.4	182.6	168.5	190.6	159.9	178.4	244.3
62 Computer programming, consultancy and related activities	171.7	131.9	154.0	144.7	165.5	131.9	139.6	176.6
63 Information service activities	20.1	47.5	28.6	23.8	25.1	28.0	38.7	67.7
64-66 Financial and insurance activities	180.1	147.1	145.7	139.8	122.5	145.1	167.9	121.1
68 Real estate; professional, scientific and technical; administrative and support	167.1	157.5	117.1	141.3	136.7	148.5	143.4	155.0
68 Real estate activities	1.5 e	1.3	0.9	1.5	1.7	1.2	1.7	1.8 e
69-75x72 Professional, scientific and technical activities, except scientific R&D	125.8	118.5	71.6	76.6	65.8	75.4	79.2	87.6
72 Scientific research and development	36.8	33.3	37.8	56.2	63.1	64.0	54.8	60.2
77-82 Administrative and support service activities	3.0	4.4	6.8	7.1	6.0	7.8	7.6	5.4
84-99 Community, social and personal services	16.0	13.1	9.9	17.8	30.8	18.5	20.8	28.9
84-85 Public administration and defence; compulsory social security and education	0.3	0.6	1.2	1.3	1.7	2.3	2.1	1.5
86-88 Human health and social work activities	5.6	10.2	7.7	13.1	25.0	12.6	15.8	25.0
90-93 Arts, entertainment and recreation	0.5	0.6	0.4	0.6	1.3	2.5	0.9	0.6
94-99 Other services; household-employers; extraterritorial bodies	9.7	1.7	0.6	2.8	2.9	1.1	1.9	1.8

.. Not available; e Estimated value

Note: Detailed metadata at: <http://metalinks.oecd.org/anberd/20191119/b539>.

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