

PORTUGAL

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

ISIC Rev. 4

2010 USD PPP

	2011	2012	2013	2014	2015	2016	2017	2018
TOTAL BUSINESS ENTERPRISE	2 176.5	2 071.8	1 884.9	1 807.3	1 772.5	1 944.2	2 158.7	..
01-03 AGRICULTURE, FORESTRY AND FISHING	20.6	29.7	26.9	23.4	23.8	25.6	34.7	..
05-09 MINING AND QUARRYING	26.5	14.2	13.3	13.5	24.9	16.0	19.5	..
10-33 MANUFACTURING	839.0	918.7	824.6	848.4	826.2	942.4	1 012.4	..
10-12 Food products, beverages and tobacco	71.2	118.5	91.9	91.6	70.1	81.9	84.4	..
13-15 Textiles, wearing apparel, leather and related products	40.0	44.5	41.9	45.9	52.4	54.3	55.2	..
13 Textiles	22.8	26.4	23.6	28.7	32.7	31.6	30.3	..
14 Wearing apparel	7.7	5.6	3.8	3.8	7.9	9.5	9.4	..
15 Leather and related products, footwear	9.5	12.5	14.5	13.4	11.8	13.1	15.5	..
16-18 Wood and paper products and printing	41.6	48.5	47.9	40.9	39.9	42.8	55.5	..
16 Wood and wood products, except furniture	13.3	16.9	14.5	13.9	15.2	14.5	22.0	..
17 Paper and paper products	28.2	30.6	32.7	26.0	23.7	26.7	31.8	..
18 Printing and reproduction of recorded media	0.1	1.0	0.7	1.0	1.0	1.6	1.7	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	298.4	340.7	290.6 e	279.2	276.2	297.4	333.8	..
19 Coke and refined petroleum products	0.3	6.4	3.2 e	3.0	5.6	5.4	7.4	..
20-21 Chemical and pharmaceutical products	217.9	234.2	213.6	201.1	201.1	226.5	244.8	..
20 Chemicals and chemical products	40.9	51.0	46.1	47.2	50.0	57.8	52.6	..
21 Pharmaceuticals, medicinal, chemical and botanical products	177.0	183.2	167.5	153.9	151.1	168.6	192.2	..
22 Rubber and plastic products	29.2	28.9	28.5	28.6	28.3	30.3	31.6	..
23 Other non-metallic mineral products	51.0	71.2	45.3	46.6	41.1	35.3	50.0	..
24-25 Basic metals, metal products, except machinery and equipment	61.1	54.1	55.3	69.7	47.8	55.1	65.7	..
24 Basic metals	24.0	21.6	23.2	34.4	11.7	16.8	19.7	..
25 Fabricated metal products, except machinery and equipment	37.1	32.6	32.1	35.3	36.1	38.3	46.0	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	296.1	281.5	269.2	292.1	308.8	368.6	375.3	..
26 Computer, electronic and optical products	69.7	47.3	67.0	82.4	94.6	101.7	94.4	..
27 Electrical equipment	68.4	58.6	58.3	55.4	49.9	54.6	59.7	..
28 Machinery and equipment n.e.c.	50.1	49.6	41.8	44.6	40.4	48.2	53.8	..
29 Motor vehicles, trailers and semi-trailers	86.1	97.9	77.0	84.1	91.5	123.6	119.0	..
30 Other transport equipment	21.9	28.0	25.1	25.7	32.3	40.5	48.4	..
31-33 Furniture; repair, installation of machinery and equipment	30.6	30.9	27.7 e	28.9	31.0	42.4	42.5	..
31 Furniture	6.5	7.8	8.4	8.0	6.8	6.7	9.5	..
32 Other manufacturing	18.5	16.0	12.5	14.3	16.1	23.9	22.9	..
33 Repair and installation of machinery and equipment	5.6	7.1	6.8 e	6.6	8.2	11.8	10.1	..
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	35.6	41.8	21.9	24.0	22.5	23.6	19.7	..
35-36 Electricity, gas and water	21.0	16.4	8.4	10.8	14.1	16.1	11.5	..
37-39 Sewerage, waste management and remediation activities	14.6	25.4	13.5	13.1	8.4	7.5	8.2	..
41-43 CONSTRUCTION	15.3	8.2	13.0	13.4	16.2	16.6	20.2	..
45-99 TOTAL SERVICES	1 239.5	1 059.3	985.4	884.7	858.8	920.0	1 052.2	..
45-82 Business sector services	1 224.9	1 048.2	965.6	850.4	838.3	896.8	1 020.0	..
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	64.1	78.0	71.5	78.5	67.9	64.7	81.5	..
49-53 Transportation and storage	38.1	13.4	18.1	16.7	16.4	14.8	15.7	..
55-56 Accommodation and food service activities	1.0	6.7	6.3	1.4	1.7	1.7	1.8 e	..
58-63 Information and communication	782.9	658.0	557.0	465.5	425.6	469.1	613.7	..
58-60 Publishing, audiovisual and broadcasting activities	84.4	97.9	114.8	105.2	107.0	130.6	142.9	..
58 Publishing activities	78.7	94.7	112.7	104.8	106.6	130.2	136.1	..
59-60 Motion picture, video and TV programme production; broadcasting activities	5.7	3.2	2.1	0.4	0.4	0.4	6.8	..
59 Motion picture, video and TV programme production; sound and music	2.4	0.9	0.8	0.4
60 Programming and broadcasting activities	3.3	2.3	1.3	0.0
61 Telecommunications	499.0	357.0	254.7	148.2	140.8	140.0	198.8	..
62-63 IT and other information services	199.5	203.1	187.4	212.1	177.9	198.5	272.0	..
62 Computer programming, consultancy and related activities	146.7	171.3	160.9	184.1	146.7	155.4	196.6	..
63 Information service activities	52.8	31.8	26.5	27.9	31.1	43.1	75.4	..
64-66 Financial and insurance activities	163.6	162.0	155.5	136.3	161.4	186.9	134.8	..
68-82 Real estate; professional, scientific and technical; administrative and support	175.1	130.2	157.2	152.1	165.3	159.6	172.5	..
68 Real estate activities	1.4	1.0	1.7	1.9	1.4	1.9	2.0 e	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	131.7	79.6	85.2	73.2	83.9	88.2	97.5	..
72 Scientific research and development	37.0	42.0	62.5	70.2	71.3	61.0	67.0	..
77-82 Administrative and support service activities	4.9	7.6	7.9	6.7	8.7	8.5	6.1	..
84-99 Community, social and personal services	14.6	11.1	19.8	34.3	20.5	23.1	32.2	..
84-85 Public administration and defence; compulsory social security and education	0.6	1.3	1.4	1.9	2.5	2.4	1.6	..
86-88 Human health and social work activities	11.4	8.6	14.6	27.8	14.0	17.6	27.9	..
90-93 Arts, entertainment and recreation	0.6	0.5	0.6	1.5	2.8	1.0	0.7	..
94-99 Other services; household-employers; extraterritorial bodies	1.9	0.7	3.1	3.2	1.2	2.1	2.0	..

.. Not available; e Estimated value

Note: Detailed metadata at: <http://metalinks.oecd.org/anberd/20200813/2abe>.

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