

TURKEY

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

ISIC Rev. 4

Million USD PPP

	2009	2010	2011	2012	2013	2014	2015	2016
TOTAL BUSINESS ENTERPRISE	3 576.4	4 288.2	4 985.9	5 776.5	6 569.7	7 931.2	8 572.0	10 280.8
01-03 AGRICULTURE, FORESTRY AND FISHING	8.5	9.9	13.3	12.4	16.9	18.6	20.7	13.1
05-09 MINING AND QUARRYING	13.0	14.4	19.8	17.1	30.6	18.2	24.3	38.4
10-33 MANUFACTURING	2 227.1	2 213.6	2 659.4	3 063.3	3 373.5	4 111.5	4 306.2	5 888.1
10-12 Food products, beverages and tobacco	83.2	66.2	78.4	80.8	115.6	118.9	99.5	128.9
13-15 Textiles, wearing apparel, leather and related products	70.1	70.1	99.3	106.8	92.9	118.7	125.3	141.7
13 Textiles	54.8	55.7	83.0	88.6	73.2	94.8	105.5	112.3
14 Wearing apparel	13.8	12.7	13.7	15.3	16.3	18.4	16.1	26.2
15 Leather and related products, footwear	1.5	1.8	2.6	2.9	3.4	5.5	3.7	3.3
16-18 Wood and paper products and printing	11.8	9.5	11.3	12.5	11.9	17.6	14.4	35.1
16 Wood and wood products, except furniture	3.3	1.6	3.5	3.2	1.8	3.6	2.9	3.9
17 Paper and paper products	4.7	4.7	4.5	5.7	4.7	5.0	5.6	21.8
18 Printing and reproduction of recorded media	3.8	3.2	3.3	3.6	5.4	8.9	5.8	9.4
19-23 Chemical, rubber, plastic, non-metallic mineral products	334.0	383.1	550.3	601.2	722.8	682.9	622.9	643.5
19 Coke and refined petroleum products	9.2	12.6 e	16.4 e	19.2 e	29.5 e	26.3 e	22.9 e	22.5 e
20-21 Chemical and pharmaceutical products	205.5	243.4 e	387.6 e	406.1 e	531.2 e	496.6 e	455.2 e	424.2 e
20 Chemicals and chemical products	104.1	143.2 e	186.6 e	218.3 e	334.7 e	298.2 e	260.4 e	255.3 e
21 Pharmaceuticals, medicinal, chemical and botanical products	101.4	100.2	201.0	187.8	196.5	198.4	194.8	168.9
22 Rubber and plastic products	62.9	69.7	80.1	98.2	80.5	86.3	68.3	76.7
23 Other non-metallic mineral products	56.4	57.4	66.1	77.7	81.6	73.7	76.5	120.2
24-25 Basic metals, metal products, except machinery and equipment	82.8	209.1	206.7	246.3	252.7	382.4	304.5	544.0
24 Basic metals	22.2	30.2	55.0	59.4	55.7	97.0	71.5	67.6
25 Fabricated metal products, except machinery and equipment	60.6	179.0	151.6	187.0	197.0	285.5	233.0	476.4
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	1 579.7	1 429.9	1 654.4	1 945.1	2 108.4	2 711.6	3 072.2	4 295.1
26 Computer, electronic and optical products	496.0	133.1	153.7	196.5	263.9	237.1	283.0	1 345.0
27 Electrical equipment	225.1	236.2	322.7	328.8	344.0	420.9	423.5	510.2
28 Machinery and equipment n.e.c.	160.8	186.5	242.4	295.6	313.6	309.9	322.2	436.3
29 Motor vehicles, trailers and semi-trailers	494.7	636.8	676.7	773.4	908.9	1 390.6	1 490.1	1 285.3
30 Other transport equipment	203.1	237.3	258.9	350.8	277.9	353.1	553.4	718.4
31-33 Furniture; repair, installation of machinery and equipment	65.5	45.7	59.1	70.6	69.2	79.5	67.5	99.8
31 Furniture	14.0	14.5	15.9	13.6	14.7	12.9	14.8	23.1
32 Other manufacturing	18.5	18.4	26.8	36.9	28.8	41.2	33.6	49.8
33 Repair and installation of machinery and equipment	33.0	12.8	16.4	20.2	25.8	25.4	19.0	26.9
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	18.0	11.7	17.5	30.1	34.3	38.6	57.2	42.4
35-36 Electricity, gas and water	..	..	12.8	25.0	30.6	34.3	53.5	39.3
37-39 Sewerage, waste management and remediation activities	..	..	4.7	5.1	3.8	4.3	3.7	3.0
41-43 CONSTRUCTION	14.2	22.4	30.3	41.6	25.3	27.2	29.8	25.8
45-99 TOTAL SERVICES	1 295.7	2 016.1	2 245.6	2 612.1	3 089.0	3 717.1	4 133.8	4 273.0
45-82 Business sector services	1 266.9	2 004.0	2 230.6	2 590.2	3 073.0	3 695.4	4 115.0	4 202.6
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	152.9	117.3	183.4	153.6	180.7	197.6	235.6	423.2
49-53 Transportation and storage	4.8	10.6	10.3	17.6	25.8	30.1	30.3	41.1
55-56 Accommodation and food service activities	0.7	0.0	0.0	0.5	0.4	0.6	0.6	4.7
58-63 Information and communication	740.4	1 206.1	1 176.8	1 449.5	1 653.9	2 096.5	2 395.7	3 073.4
58-60 Publishing, audiovisual and broadcasting activities	101.9	189.6 e	68.1 e	22.7	30.0	55.6	52.0	16.9
58 Publishing activities	..	..	..	21.1	28.3	52.6	50.5	14.5
59-60 Motion picture, video and TV programme production; broadcasting activities	..	..	..	1.7	1.7	3.0	1.5	2.4
59 Motion picture, video and TV programme production; sound and music	..	..	..	..	..	..	..	..
60 Programming and broadcasting activities	..	..	..	..	..	..	..	..
61 Telecommunications	79.6	279.7 e	215.9 e	310.1	332.8	463.4	495.3	126.8
62-63 IT and other information services	558.9	736.9	892.8	1 116.6	1 291.1	1 577.6	1 848.4	2 929.7
62 Computer programming, consultancy and related activities	549.7	727.3	881.8	1 100.2	1 282.6	1 568.5	1 834.8	2 887.2
63 Information service activities	9.3	9.6	11.0	16.4	8.5	9.1	13.6	42.5
64-66 Financial and insurance activities	152.6	66.5	96.9	93.9	130.6	121.1	68.9	58.5
68-82 Real estate; professional, scientific and technical; administrative and support	215.5	603.5	763.1	875.1	1 081.5	1 249.5	1 383.9	601.6
68 Real estate activities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69-75x72 Professional, scientific and technical activities, except scientific R&D	60.7	17.2	28.4	31.7	37.2	41.0	45.0	113.0
72 Scientific research and development	151.7	583.6	732.5	840.8	1 039.5	1 200.1	1 329.5	473.2
77-82 Administrative and support service activities	3.1	2.6	2.2	2.6	4.8	8.4	9.4	15.5
84-99 Community, social and personal services	28.8	12.1	15.0	21.9	16.1	21.7	18.8	70.4
84-85 Public administration and defence; compulsory social security and education	24.0	5.5	8.5	15.0	12.0	13.8	11.2	52.3
86-88 Human health and social work activities	2.1	3.9	3.4	3.8	2.2	6.4	5.5	14.5
90-93 Arts, entertainment and recreation	..	..	..	..	..	..	..	..
94-99 Other services; household-employers; extraterritorial bodies	..	..	..	..	..	..	..	..

.. Not available; e Estimated value

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

Disclaimer: <http://oe.cd/disclaimer>