

TURKEY

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

ISIC Rev. 4

2010 USD PPP

	2009	2010	2011	2012	2013	2014	2015	2016
TOTAL BUSINESS ENTERPRISE	3 765.3	4 288.2	4 842.6	5 513.2	6 192.1	7 181.3	7 837.5	9 395.6
01-03 AGRICULTURE, FORESTRY AND FISHING	8.9	9.9	12.9	11.8	16.0	16.8	18.9	12.0
05-09 MINING AND QUARRYING	13.7	14.4	19.3	16.3	28.8	16.4	22.2	35.1
10-33 MANUFACTURING	2 344.7	2 213.6	2 583.0	2 923.7	3 179.6	3 722.7	3 937.2	5 381.2
10-12 Food products, beverages and tobacco	87.6	66.2	76.1	77.1	108.9	107.6	91.0	117.8
13-15 Textiles, wearing apparel, leather and related products	73.8	70.1	96.4	101.9	87.6	107.5	114.6	129.5
13 Textiles	57.7	55.7	80.6	84.6	69.0	85.8	96.5	102.6
14 Wearing apparel	14.6	12.7	13.3	14.6	15.4	16.7	14.7	23.9
15 Leather and related products, footwear	1.6	1.8	2.5	2.7	3.2	5.0	3.4	3.0
16-18 Wood and paper products and printing	12.4	9.5	11.0	11.9	11.3	15.9	13.1	32.1
16 Wood and wood products, except furniture	3.4	1.6	3.4	3.1	1.7	3.2	2.7	3.5
17 Paper and paper products	4.9	4.7	4.4	5.4	4.5	4.5	5.2	20.0
18 Printing and reproduction of recorded media	4.0	3.2	3.2	3.4	5.1	8.1	5.3	8.6
19-23 Chemical, rubber, plastic, non-metallic mineral products	351.6	383.1	534.4	573.8	681.2	618.3	569.5	588.1
19 Coke and refined petroleum products	9.7	12.6 e	16.0 e	18.4 e	27.8 e	23.8 e	21.0 e	20.6 e
20-21 Chemical and pharmaceutical products	216.4	243.4 e	376.5 e	387.5 e	500.6 e	449.6 e	416.2 e	387.6 e
20 Chemicals and chemical products	109.6	143.2 e	181.2 e	208.3 e	315.4 e	270.0 e	238.1 e	233.3 e
21 Pharmaceuticals, medicinal, chemical and botanical products	106.8	100.2	195.2	179.2	185.2	179.7	178.1	154.4
22 Rubber and plastic products	66.2	69.7	77.8	93.7	75.9	78.1	62.4	70.1
23 Other non-metallic mineral products	59.4	57.4	64.2	74.2	76.9	66.8	69.9	109.8
24-25 Basic metals, metal products, except machinery and equipment	87.2	209.1	200.7	235.1	238.2	346.2	278.4	497.2
24 Basic metals	23.4	30.2	53.4	56.7	52.5	87.8	65.3	61.8
25 Fabricated metal products, except machinery and equipment	63.8	179.0	147.3	178.5	185.7	258.5	213.1	435.4
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	1 663.1	1 429.9	1 606.8	1 856.4	1 987.2	2 455.2	2 808.9	3 925.3
26 Computer, electronic and optical products	522.2	133.1	149.3	187.6	248.8	214.7	258.7	1 229.2
27 Electrical equipment	237.0	236.2	313.4	313.8	324.3	381.1	387.2	466.2
28 Machinery and equipment n.e.c.	169.3	186.5	235.5	282.1	295.6	280.6	294.6	398.7
29 Motor vehicles, trailers and semi-trailers	520.8	636.8	657.2	738.1	856.7	1 259.1	1 362.4	1 174.6
30 Other transport equipment	213.8	237.3	251.4	334.8	261.9	319.7	506.0	656.5
31-33 Furniture; repair, installation of machinery and equipment	69.0	45.7	57.4	67.4	65.3	72.0	61.7	91.2
31 Furniture	14.8	14.5	15.5	12.9	13.8	11.7	13.5	21.1
32 Other manufacturing	19.5	18.4	26.0	35.2	27.1	37.3	30.7	45.5
33 Repair and installation of machinery and equipment	34.8	12.8	15.9	19.2	24.3	23.0	17.4	24.6
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	19.0	11.7	17.0	28.7	32.4	35.0	52.3	38.7
35-36 Electricity, gas and water	..	..	12.4	23.8	28.8	31.1	48.9	36.0
37-39 Sewerage, waste management and remediation activities	..	..	4.6	4.9	3.5	3.9	3.4	2.8
41-43 CONSTRUCTION	15.0	22.4	29.4	39.7	23.8	24.6	27.3	23.6
45-99 TOTAL SERVICES	1 364.1	2 016.1	2 181.0	2 493.0	2 911.5	3 365.7	3 779.6	3 905.1
45-82 Business sector services	1 333.8	2 004.0	2 166.4	2 472.1	2 896.4	3 346.0	3 762.4	3 840.7
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	160.9	117.3	178.2	146.6	170.4	178.9	215.4	386.8
49-53 Transportation and storage	5.1	10.6	10.1	16.8	24.3	27.3	27.7	37.6
55-56 Accommodation and food service activities	0.7	0.0	0.0	0.5	0.4	0.5	0.6	4.3
58-63 Information and communication	779.5	1 206.1	1 143.0	1 383.4	1 558.9	1 898.3	2 190.4	2 808.8
58-60 Publishing, audiovisual and broadcasting activities	107.2	189.6 e	66.2 e	21.7	28.3	50.3	47.5	15.4
58 Publishing activities	..	..	..	20.1	26.7	47.6	46.1	13.3
59-60 Motion picture, video and TV programme production; broadcasting activities	..	..	..	1.6	1.6	2.7	1.4	2.2
59 Motion picture, video and TV programme production; sound and music	..	..	..	..	..	..	..	..
60 Programming and broadcasting activities	..	..	..	..	..	..	..	..
61 Telecommunications	83.9	279.7 e	209.7 e	296.0	313.7	419.6	452.9	115.9
62-63 IT and other information services	588.4	736.9	867.1	1 065.7	1 216.9	1 428.4	1 690.0	2 677.5
62 Computer programming, consultancy and related activities	578.7	727.3	856.4	1 050.0	1 208.9	1 420.2	1 677.6	2 638.7
63 Information service activities	9.7	9.6	10.7	15.7	8.0	8.2	12.4	38.8
64-66 Financial and insurance activities	160.7	66.5	94.1	89.6	123.1	109.7	63.0	53.4
68-82 Real estate; professional, scientific and technical; administrative and support	226.9	603.5	741.2	835.2	1 019.3	1 131.3	1 265.3	549.8
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	63.9	17.2	27.6	30.2	35.0	37.1	41.1	103.2
72 Scientific research and development	159.7	583.6	711.5	802.5	979.8	1 086.6	1 215.6	432.4
77-82 Administrative and support service activities	3.3	2.6	2.1	2.5	4.5	7.6	8.6	14.2
84-99 Community, social and personal services	30.3	12.1	14.6	20.9	15.1	19.7	17.2	64.4
84-85 Public administration and defence; compulsory social security and education	25.3	5.5	8.3	14.3	11.3	12.5	10.2	47.8
86-88 Human health and social work activities	2.2	3.9	3.3	3.6	2.1	5.8	5.0	13.2
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>.

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