

TURKEY

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

ISIC Rev. 4

Million USD PPP

	2011	2012	2013	2014	2015	2016	2017	2018
TOTAL BUSINESS ENTERPRISE	4 985.9	5 776.5	6 569.7	7 931.2	8 870.5	10 763.2	12 367.3	..
01-03 AGRICULTURE, FORESTRY AND FISHING	13.3	12.4	16.9	18.6	21.4	13.7	38.5	..
05-09 MINING AND QUARRYING	19.8	17.1	30.6	18.2	25.1	40.2	30.3	..
10-33 MANUFACTURING	2 659.4	3 063.3	3 373.5	4 111.5	4 456.1	6 164.4	7 240.3	..
10-12 Food products, beverages and tobacco	78.4	80.8	115.6	118.9	103.0	135.0	177.4	..
13-15 Textiles, wearing apparel, leather and related products	99.3	106.8	92.9	118.7	129.7	148.4	150.2	..
13 Textiles	83.0	88.6	73.2	94.8	109.2	117.6	114.2	..
14 Wearing apparel	13.7	15.3	16.3	18.4	16.6	27.4	32.9	..
15 Leather and related products, footwear	2.6	2.9	3.4	5.5	3.8	3.4	3.1	..
16-18 Wood and paper products and printing	11.3	12.5	11.9	17.6	14.9	36.7	39.1	..
16 Wood and wood products, except furniture	3.5	3.2	1.8	3.6	3.0	4.0	4.2	..
17 Paper and paper products	4.5	5.7	4.7	5.0	5.8	22.9	29.0	..
18 Printing and reproduction of recorded media	3.3	3.6	5.4	8.9	6.0	9.8	5.8	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	550.3	601.2	722.8	682.9	644.6	673.7	749.7	..
19 Coke and refined petroleum products	16.4 e	19.2 e	29.5 e	26.3 e	23.7 e	23.5 e	19.6 e	..
20-21 Chemical and pharmaceutical products	387.6 e	406.1 e	531.2 e	496.6 e	471.0 e	444.1 e	451.0 e	..
20 Chemicals and chemical products	186.6 e	218.3 e	334.7 e	298.2 e	269.4 e	267.2 e	222.2 e	..
21 Pharmaceuticals, medicinal, chemical and botanical products	201.0	187.8	196.5	198.4	201.6	176.8	228.7	..
22 Rubber and plastic products	80.1	98.2	80.5	86.3	70.7	80.2	190.9	..
23 Other non-metallic mineral products	66.1	77.7	81.6	73.7	79.2	125.8	88.2	..
24-25 Basic metals, metal products, except machinery and equipment	206.7	246.3	252.7	382.4	315.1	569.6	376.4	..
24 Basic metals	55.0	59.4	55.7	97.0	74.0	70.8	85.9	..
25 Fabricated metal products, except machinery and equipment	151.6	187.0	197.0	285.5	241.1	498.7	290.5	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	1 654.4	1 945.1	2 108.4	2 711.6	3 179.1	4 496.6	5 583.1	..
26 Computer, electronic and optical products	153.7	196.5	263.9	237.1	292.8	1 408.1	1 903.2	..
27 Electrical equipment	322.7	328.8	344.0	420.9	438.3	534.1	614.5	..
28 Machinery and equipment n.e.c.	242.4	295.6	313.6	309.9	333.4	456.7	535.2	..
29 Motor vehicles, trailers and semi-trailers	676.7	773.4	908.9	1 390.6	1 542.0	1 345.6	1 456.4	..
30 Other transport equipment	258.9	350.8	277.9	353.1	572.6	752.1	1 073.8	..
31-33 Furniture; repair, installation of machinery and equipment	59.1	70.6	69.2	79.5	69.8	104.4	164.5	..
31 Furniture	15.9	13.6	14.7	12.9	15.3	24.2	48.2	..
32 Other manufacturing	26.8	36.9	28.8	41.2	34.8	52.1	54.2	..
33 Repair and installation of machinery and equipment	16.4	20.2	25.8	25.4	19.7	28.2	62.1	..
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	17.5	30.1	34.3	38.6	59.2	44.3	35.7	..
35-36 Electricity, gas and water	12.8	25.0	30.6	34.3	55.4	41.2	32.1	..
37-39 Sewerage, waste management and remediation activities	4.7	5.1	3.8	4.3	3.8	3.2	3.6	..
41-43 CONSTRUCTION	30.3	41.6	25.3	27.2	30.9	27.0	95.2	..
45-99 TOTAL SERVICES	2 245.6	2 612.1	3 089.0	3 717.1	4 277.8	4 473.5	4 927.1	..
45-82 Business sector services	2 230.6	2 590.2	3 073.0	3 695.4	4 258.3	4 399.7	4 857.4	..
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	183.4	153.6	180.7	197.6	243.8	443.1	378.2	..
49-53 Transportation and storage	10.3	17.6	25.8	30.1	31.4	43.1	89.1	..
55-56 Accommodation and food service activities	0.0	0.5	0.4	0.6	0.6	4.9	0.3	..
58-63 Information and communication	1 176.8	1 449.5	1 653.9	2 096.5	2 479.2	3 217.6	3 541.4	..
58-60 Publishing, audiovisual and broadcasting activities	68.1 e	22.7	30.0	55.6	53.8	17.7	32.0	..
58 Publishing activities	..	21.1	28.3	52.6	52.2	15.2	29.1	..
59-60 Motion picture, video and TV programme production; broadcasting activities	..	1.7	1.7	3.0	1.6	2.5	2.9	..
59 Motion picture, video and TV programme production; sound and music	..	..	..	..	..	..	..	..
60 Programming and broadcasting activities	..	..	..	..	..	..	..	..
61 Telecommunications	215.9 e	310.1	332.8	463.4	512.6	132.7	101.3	..
62-63 IT and other information services	892.8	1 116.6	1 291.1	1 577.6	1 912.8	3 067.2	3 408.1	..
62 Computer programming, consultancy and related activities	881.8	1 100.2	1 282.6	1 568.5	1 898.7	3 022.7	3 349.7	..
63 Information service activities	11.0	16.4	8.5	9.1	14.1	44.5	58.4	..
64-66 Financial and insurance activities	96.9	93.9	130.6	121.1	71.3	61.2	98.1	..
68-82 Real estate; professional, scientific and technical; administrative and support	763.1	875.1	1 081.5	1 249.5	1 432.1	629.8	750.2	..
68 Real estate activities	0.0	0.0	0.0	0.0	0.0	0.0	16.5	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	28.4	31.7	37.2	41.0	46.6	118.3	107.8	..
72 Scientific research and development	732.5	840.8	1 039.5	1 200.1	1 375.8	495.4	591.1	..
77-82 Administrative and support service activities	2.2	2.6	4.8	8.4	9.7	16.2	34.9	..
84-99 Community, social and personal services	15.0	21.9	16.1	21.7	19.5	73.7	69.7	..
84-85 Public administration and defence; compulsory social security and education	8.5	15.0	12.0	13.8	11.6	54.8	59.8	..
86-88 Human health and social work activities	3.4	3.8	2.2	6.4	5.7	15.2	7.6	..
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/20200813/2abe>.

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