

TURKEY

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

ISIC Rev. 4

Million USD PPP

	2010	2011	2012	2013	2014	2015	2016	2017
TOTAL BUSINESS ENTERPRISE	4 284.0	4 985.9	5 776.5	6 569.7	7 931.2	8 870.5	10 690.0	12 359.0
01-03 AGRICULTURE, FORESTRY AND FISHING	9.9	13.3	12.4	16.9	18.6	21.4	13.6	38.5
05-09 MINING AND QUARRYING	14.4	19.8	17.1	30.6	18.2	25.1	40.0	30.3
10-33 MANUFACTURING	2 211.5	2 659.4	3 063.3	3 373.5	4 111.5	4 456.1	6 122.5	7 235.5
10-12 Food products, beverages and tobacco	66.1	78.4	80.8	115.6	118.9	103.0	134.1	177.3
13-15 Textiles, wearing apparel, leather and related products	70.0	99.3	106.8	92.9	118.7	129.7	147.4	150.1
13 Textiles	55.6	83.0	88.6	73.2	94.8	109.2	116.8	114.1
14 Wearing apparel	12.6	13.7	15.3	16.3	18.4	16.6	27.2	32.9
15 Leather and related products, footwear	1.8	2.6	2.9	3.4	5.5	3.8	3.4	3.1
16-18 Wood and paper products and printing	9.5	11.3	12.5	11.9	17.6	14.9	36.5	39.0
16 Wood and wood products, except furniture	1.6	3.5	3.2	1.8	3.6	3.0	4.0	4.2
17 Paper and paper products	4.7	4.5	5.7	4.7	5.0	5.8	22.7	29.0
18 Printing and reproduction of recorded media	3.2	3.3	3.6	5.4	8.9	6.0	9.8	5.8
19-23 Chemical, rubber, plastic, non-metallic mineral products	382.7	550.3	601.2	722.8	682.9	644.6	669.1	749.2
19 Coke and refined petroleum products	12.6 e	16.4 e	19.2 e	29.5 e	26.3 e	23.7 e	23.4 e	19.6 e
20-21 Chemical and pharmaceutical products	243.1 e	387.6 e	406.1 e	531.2 e	496.6 e	471.0 e	441.0 e	450.7 e
20 Chemicals and chemical products	143.0 e	186.6 e	218.3 e	334.7 e	298.2 e	269.4 e	265.4 e	222.1 e
21 Pharmaceuticals, medicinal, chemical and botanical products	100.1	201.0	187.8	196.5	198.4	201.6	175.6	228.6
22 Rubber and plastic products	69.6	80.1	98.2	80.5	86.3	70.7	79.7	190.8
23 Other non-metallic mineral products	57.3	66.1	77.7	81.6	73.7	79.2	124.9	88.2
24-25 Basic metals, metal products, except machinery and equipment	208.9	206.7	246.3	252.7	382.4	315.1	565.7	376.1
24 Basic metals	30.1	55.0	59.4	55.7	97.0	74.0	70.3	85.8
25 Fabricated metal products, except machinery and equipment	178.8	151.6	187.0	197.0	285.5	241.1	495.4	290.3
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	1 428.5	1 654.4	1 945.1	2 108.4	2 711.6	3 179.1	4 466.1	5 579.3
26 Computer, electronic and optical products	133.0	153.7	196.5	263.9	237.1	292.8	1 398.6	1 901.9
27 Electrical equipment	236.0	322.7	328.8	344.0	420.9	438.3	530.5	614.1
28 Machinery and equipment n.e.c.	186.3	242.4	295.6	313.6	309.9	333.4	453.6	534.9
29 Motor vehicles, trailers and semi-trailers	636.2	676.7	773.4	908.9	1 390.6	1 542.0	1 336.4	1 455.4
30 Other transport equipment	237.1	258.9	350.8	277.9	353.1	572.6	747.0	1 073.1
31-33 Furniture; repair, installation of machinery and equipment	45.6	59.1	70.6	69.2	79.5	69.8	103.7	164.4
31 Furniture	14.5	15.9	13.6	14.7	12.9	15.3	24.0	48.2
32 Other manufacturing	18.4	26.8	36.9	28.8	41.2	34.8	51.8	54.1
33 Repair and installation of machinery and equipment	12.8	16.4	20.2	25.8	25.4	19.7	28.0	62.0
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	11.7	17.5	30.1	34.3	38.6	59.2	44.0	35.7
35-36 Electricity, gas and water	..	12.8	25.0	30.6	34.3	55.4	40.9	32.1
37-39 Sewerage, waste management and remediation activities	..	4.7	5.1	3.8	4.3	3.8	3.1	3.6
41-43 CONSTRUCTION	22.4	30.3	41.6	25.3	27.2	30.9	26.8	95.2
45-99 TOTAL SERVICES	2 014.1	2 245.6	2 612.1	3 089.0	3 717.1	4 277.8	4 443.1	4 923.8
45-82 Business sector services	2 002.0	2 230.6	2 590.2	3 073.0	3 695.4	4 258.3	4 369.8	4 854.1
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	117.2	183.4	153.6	180.7	197.6	243.8	440.1	377.9
49-53 Transportation and storage	10.6	10.3	17.6	25.8	30.1	31.4	42.8	89.1
55-56 Accommodation and food service activities	0.0	0.0	0.5	0.4	0.6	0.6	4.9	0.3
58-63 Information and communication	1 204.9	1 176.8	1 449.5	1 653.9	2 096.5	2 479.2	3 195.7	3 539.0
58-60 Publishing, audiovisual and broadcasting activities	189.4 e	68.1 e	22.7	30.0	55.6	53.8	17.6	32.0
58 Publishing activities	..	..	21.1	28.3	52.6	52.2	15.1	29.0
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	279.4 e	215.9 e	310.1	332.8	463.4	512.6	131.8	101.2
62-63 IT and other information services	736.2	892.8	1 116.6	1 291.1	1 577.6	1 912.8	3 046.3	3 405.8
62 Computer programming, consultancy and related activities	726.6	881.8	1 100.2	1 282.6	1 568.5	1 898.7	3 002.2	3 347.5
63 Information service activities	9.6	11.0	16.4	8.5	9.1	14.1	44.2	58.3
64-66 Financial and insurance activities	66.4	96.9	93.9	130.6	121.1	71.3	60.8	98.1
68-82 Real estate; professional, scientific and technical; administrative and support	602.9	763.1	875.1	1 081.5	1 249.5	1 432.1	625.5	749.7
68 Real estate activities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4
69-75x72 Professional, scientific and technical activities, except scientific R&D	17.2	28.4	31.7	37.2	41.0	46.6	117.4	107.7
72 Scientific research and development	583.1	732.5	840.8	1 039.5	1 200.1	1 375.8	492.0	590.7
77-82 Administrative and support service activities	2.6	2.2	2.6	4.8	8.4	9.7	16.1	34.9
84-99 Community, social and personal services	12.1	15.0	21.9	16.1	21.7	19.5	73.2	69.6
84-85 Public administration and defence; compulsory social security and education	5.5	8.5	15.0	12.0	13.8	11.6	54.4	59.7
86-88 Human health and social work activities	3.9	3.4	3.8	2.2	6.4	5.7	15.1	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/20191119/b539>.

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