

SINGAPORE

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	4 396.0	5 194.4	5 023.0	5 215.9	..	..	..	..
01-03 AGRICULTURE, FORESTRY AND FISHING	0.0	0.0	0.0	0.0	..	..	..	..
05-09 MINING AND QUARRYING	0.0	0.0	0.0	0.0	..	..	..	..
10-33 MANUFACTURING	2 680.0	2 467.5	3 024.7	3 003.1	..	..	..	..
10-12 Food products, beverages and tobacco	20.8	19.5	25.0	24.1	..	..	..	..
13-15 Textiles, wearing apparel, leather and related products	1.1	1.0	0.9	0.6 e	..	..	..	..
13 Textiles	0.0	0.0	..	..	..	..	..	..
14 Wearing apparel	0.8	0.7	..	..	..	..	..	..
15 Leather and related products, footwear	0.3	0.3	..	..	..	..	..	..
16-18 Wood and paper products and printing	4.3	3.5	3.6 e	3.2	..	..	..	..
16 Wood and wood products, except furniture	0.1	0.0	0.0 e	0.0	..	..	..	..
17 Paper and paper products	3.3	2.7	3.0 e	2.8	..	..	..	..
18 Printing and reproduction of recorded media	0.9	0.8	0.6 e	0.4	..	..	..	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	229.5	248.7	273.4	351.0 e	..	..	..	..
19 Coke and refined petroleum products	0.8	1.2	1.4	1.0 e	..	..	..	..
20-21 Chemical and pharmaceutical products	210.4	229.4	265.6	344.3	..	..	..	..
20 Chemicals and chemical products	89.4	97.6	112.3	201.8	..	..	..	..
21 Pharmaceuticals, medicinal, chemical and botanical products	121.0	131.8	153.4	142.5	..	..	..	..
22 Rubber and plastic products	4.2	14.3	2.7	3.0	..	..	..	..
23 Other non-metallic mineral products	14.0	3.8	3.6	2.7	..	..	..	..
24-25 Basic metals, metal products, except machinery and equipment	195.5	23.1	30.1 e	43.7	..	..	..	..
24 Basic metals	4.6	1.6	1.6 e	3.1	..	..	..	..
25 Fabricated metal products, except machinery and equipment	190.9	21.5	28.5	40.6	..	..	..	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	2 190.5	2 094.1	2 556.3	2 446.7	..	..	..	..
26 Computer, electronic and optical products	1 808.8	1 644.2	2 059.1	1 801.4	..	..	..	..
27 Electrical equipment	29.9	24.7	15.7	31.8	..	..	..	..
28 Machinery and equipment n.e.c.	182.4	209.4	220.6	308.1	..	..	..	..
29 Motor vehicles, trailers and semi-trailers	44.2	49.6	55.0	61.5	..	..	..	..
30 Other transport equipment	125.1	166.1	205.9	243.8	..	..	..	..
31-33 Furniture; repair, installation of machinery and equipment	38.4	77.5	135.4	133.9	..	..	..	..
31 Furniture	12.7	17.1	16.9	16.3	..	..	..	..
32 Other manufacturing	25.7	60.5	118.5	117.6	..	..	..	..
33 Repair and installation of machinery and equipment	0.0	0.0	0.0	0.0	..	..	..	..
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	15.8	13.9	10.9	15.1	..	..	..	..
35-36 Electricity, gas and water	0.3	0.1	0.0	0.0	..	..	..	..
37-39 Sewerage, waste management and remediation activities	15.5	13.8	10.9	15.1	..	..	..	..
41-43 CONSTRUCTION	1.2	2.5	1.5	1.8	..	..	..	..
45-99 TOTAL SERVICES	1 699.0	2 710.4	1 986.0	2 195.8	..	..	..	..
45-82 Business sector services	1 688.6	2 700.6	1 976.4	2 160.0	..	..	..	..
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	440.7	575.1	613.3	822.3	..	..	..	..
49-53 Transportation and storage	56.3	46.6	31.1	46.2	..	..	..	..
55-56 Accommodation and food service activities	0.0	0.0	0.0	0.0	..	..	..	..
58-63 Information and communication	156.4	160.7	169.8	173.7	..	..	..	..
58-60 Publishing, audiovisual and broadcasting activities	26.3	39.4	54.5	45.3	..	..	..	..
58 Publishing activities	24.7	37.6	54.2	45.2	..	..	..	..
59-60 Motion picture, video and TV programme production; broadcasting activities	1.6	1.8	0.3	0.2	..	..	..	..
59 Motion picture, video and TV programme production; sound and music	1.6	1.8	0.3	0.2	..	..	..	..
60 Programming and broadcasting activities	0.0	0.0	0.0	0.0	..	..	..	..
61 Telecommunications	3.9	5.7	3.5	6.7	..	..	..	..
62-63 IT and other information services	126.2	115.6	111.8	121.7	..	..	..	..
62 Computer programming, consultancy and related activities	123.9	112.9	108.9	115.8	..	..	..	..
63 Information service activities	2.3	2.7	2.9	5.9	..	..	..	..
64-66 Financial and insurance activities	100.3	105.3	102.6	107.4	..	..	..	..
68-82 Real estate; professional, scientific and technical; administrative and support	934.9	1 812.9	1 059.6	1 010.4	..	..	..	..
68 Real estate activities	0.0	0.0	0.0	0.0	..	..	..	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	157.3	319.6	266.7	191.1	..	..	..	..
72 Scientific research and development	766.7	810.2	787.7	812.7	..	..	..	..
77-82 Administrative and support service activities	10.9	683.1	5.2	6.6	..	..	..	..
84-99 Community, social and personal services	10.5	9.9	9.6	35.8	..	..	..	..
84-85 Public administration and defence; compulsory social security and education	3.3	4.3	3.2	2.3 e	..	..	..	..
86-88 Human health and social work activities	6.1	4.5	6.1	33.3	..	..	..	..
90-93 Arts, entertainment and recreation	0.0	0.0	0.0	0.0	..	..	..	..
94-99 Other services; household-employers; extraterritorial bodies	1.1	1.1	0.3	0.2 e	..	..	..	..

.. Not available; e Estimated value

Note: Detailed metadata at: <http://metalinks.oecd.org/anberd/20191119/b539>.

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