

SINGAPORE

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	4 141.0	4 391.1	5 084.7	4 824.4	4 923.9	..	..	..
01-03 AGRICULTURE, FORESTRY AND FISHING	0.0 e	0.0	0.0	0.0	0.0	..	..	..
05-09 MINING AND QUARRYING	0.0 e	0.0	0.0	0.0	0.0	..	..	..
10-33 MANUFACTURING	2 560.5 e	2 677.1	2 415.4	2 905.1	2 835.0	..	..	..
10-12 Food products, beverages and tobacco	22.7 e	20.8	19.1	24.0	22.8	..	..	..
13-15 Textiles, wearing apparel, leather and related products	1.0 e	1.1	1.0	0.8	0.6 e	..	..	..
13 Textiles	0.0 e	0.0	0.0	..	..	..	..	..
14 Wearing apparel	0.8 e	0.8	0.7	..	..	..	..	..
15 Leather and related products, footwear	0.2 e	0.3	0.3	..	..	..	..	..
16-18 Wood and paper products and printing	5.4 e	4.3	3.4	3.4 e	3.0	..	..	..
16 Wood and wood products, except furniture	0.0 e	0.1	0.0	0.0 e	0.0	..	..	..
17 Paper and paper products	3.3 e	3.3	2.6	2.8 e	2.6	..	..	..
18 Printing and reproduction of recorded media	2.1 e	0.9	0.8	0.6 e	0.4	..	..	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	179.6 e	229.2	243.5	262.5	331.3 e	..	..	..
19 Coke and refined petroleum products	1.7 e	0.8	1.2	1.4	1.0 e	..	..	..
20-21 Chemical and pharmaceutical products	155.1 e	210.2	224.6	255.1	325.0	..	..	..
20 Chemicals and chemical products	68.0 e	89.3	95.6	107.8	190.5	..	..	..
21 Pharmaceuticals, medicinal, chemical and botanical products	87.0 e	120.9	129.0	147.3	134.5	..	..	..
22 Rubber and plastic products	7.8 e	4.2	14.0	2.6	2.8	..	..	..
23 Other non-metallic mineral products	15.1 e	14.0	3.7	3.5	2.5	..	..	..
24-25 Basic metals, metal products, except machinery and equipment	147.1 e	195.3	22.6	28.9 e	41.3	..	..	..
24 Basic metals	3.7 e	4.6	1.5	1.6 e	2.9	..	..	..
25 Fabricated metal products, except machinery and equipment	143.4 e	190.7	21.1	27.4	38.4	..	..	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	2 176.5 e	2 188.0	2 049.8	2 455.2	2 309.7	..	..	..
26 Computer, electronic and optical products	1 820.4 e	1 806.8	1 609.5	1 977.7	1 700.5	..	..	..
27 Electrical equipment	74.5 e	29.9	24.2	15.0	30.0	..	..	..
28 Machinery and equipment n.e.c.	119.2 e	182.2	205.0	211.8	290.9	..	..	..
29 Motor vehicles, trailers and semi-trailers	99.3 e	44.2	48.6	52.9	58.1	..	..	..
30 Other transport equipment	63.0 e	125.0	162.6	197.8	230.2	..	..	..
31-33 Furniture; repair, installation of machinery and equipment	28.2 e	38.4	75.9	130.1	126.4	..	..	..
31 Furniture	..	12.7	16.7	16.3	15.4	..	..	..
32 Other manufacturing	..	25.7	59.2	113.8	111.0	..	..	..
33 Repair and installation of machinery and equipment	..	0.0	0.0	0.0	0.0	..	..	..
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	0.0 e	15.8	13.6	10.5	14.3	..	..	..
35-36 Electricity, gas and water	..	0.3	0.1	0.0	0.0	..	..	..
37-39 Sewerage, waste management and remediation activities	..	15.5	13.5	10.5	14.3	..	..	..
41-43 CONSTRUCTION	2.2 e	1.2	2.4	1.4	1.7	..	..	..
45-99 TOTAL SERVICES	1 578.3 e	1 697.1	2 653.2	1 907.5	2 072.8	..	..	..
45-82 Business sector services	1 484.7 e	1 686.7	2 643.5	1 898.2	2 039.0	..	..	..
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	379.4 e	440.2	562.9	589.1	776.3	..	..	..
49-53 Transportation and storage	27.9 e	56.2	45.6	29.8	43.6	..	..	..
55-56 Accommodation and food service activities	0.0 e	0.0	0.0	0.0	0.0	..	..	..
58-63 Information and communication	143.2 e	156.3	157.3	163.1	164.0	..	..	..
58-60 Publishing, audiovisual and broadcasting activities	..	26.3	38.6	52.4	42.8	..	..	..
58 Publishing activities	..	24.7	36.8	52.1	42.6	..	..	..
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	8.6 e	3.9	5.6	3.3	6.3	..	..	..
62-63 IT and other information services	..	126.1	113.2	107.4	114.9	..	..	..
62 Computer programming, consultancy and related activities	..	123.8	110.5	104.6	109.4	..	..	..
63 Information service activities	..	2.3	2.6	2.8	5.5	..	..	..
64-66 Financial and insurance activities	103.7 e	100.2	103.1	98.6	101.3	..	..	..
68-82 Real estate; professional, scientific and technical; administrative and support	830.5 e	933.8	1 774.6	1 017.7	953.8	..	..	..
68 Real estate activities	..	0.0	0.0	0.0	0.0	..	..	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	..	157.1	312.9	256.2	180.4	..	..	..
72 Scientific research and development	606.1 e	765.8	793.1	756.5	767.2	..	..	..
77-82 Administrative and support service activities	..	10.9	668.6	5.0	6.2	..	..	..
84-99 Community, social and personal services	93.6 e	10.5	9.7	9.2	33.8	..	..	..
84-85 Public administration and defence; compulsory social security and education	..	3.3	4.2	3.0	2.2 e	..	..	..
86-88 Human health and social work activities	..	6.1	4.4	5.9	31.4	..	..	..
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/20181213/8c73>.

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