

# SINGAPORE

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

ISIC Rev. 4

2010 USD PPP

	2011	2012	2013	2014	2015	2016	2017	2018
<b>TOTAL BUSINESS ENTERPRISE</b>	<b>5 541.4</b>	<b>5 261.0</b>	<b>5 380.4</b>	..	..	..	..	..
<b>01-03 AGRICULTURE, FORESTRY AND FISHING</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	..	..	..	..	..
<b>05-09 MINING AND QUARRYING</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	..	..	..	..	..
<b>10-33 MANUFACTURING</b>	<b>2 632.3</b>	<b>3 168.0</b>	<b>3 097.9</b>	..	..	..	..	..
10-12 Food products, beverages and tobacco	20.8	26.2	24.9	..	..	..	..	..
13-15 Textiles, wearing apparel, leather and related products	1.1	0.9	0.6 e	..	..	..	..	..
13 Textiles	0.0	..	..	..	..	..	..	..
14 Wearing apparel	0.7	..	..	..	..	..	..	..
15 Leather and related products, footwear	0.4	..	..	..	..	..	..	..
16-18 Wood and paper products and printing	3.7	3.7 e	3.3	..	..	..	..	..
16 Wood and wood products, except furniture	0.0	0.0 e	0.0	..	..	..	..	..
17 Paper and paper products	2.9	3.1 e	2.9	..	..	..	..	..
18 Printing and reproduction of recorded media	0.8	0.7 e	0.4	..	..	..	..	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	265.3	286.3	362.1 e	..	..	..	..	..
19 Coke and refined petroleum products	1.3	1.5	1.0 e	..	..	..	..	..
20-21 Chemical and pharmaceutical products	244.7	278.2	355.2	..	..	..	..	..
20 Chemicals and chemical products	104.2	117.6	208.2	..	..	..	..	..
21 Pharmaceuticals, medicinal, chemical and botanical products	140.6	160.6	147.0	..	..	..	..	..
22 Rubber and plastic products	15.2	2.9	3.1	..	..	..	..	..
23 Other non-metallic mineral products	4.1	3.8	2.7	..	..	..	..	..
24-25 Basic metals, metal products, except machinery and equipment	24.7	31.6 e	45.1	..	..	..	..	..
24 Basic metals	1.7	1.7 e	3.2	..	..	..	..	..
25 Fabricated metal products, except machinery and equipment	23.0	29.9	41.9	..	..	..	..	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	2 233.9	2 677.4	2 523.8	..	..	..	..	..
26 Computer, electronic and optical products	1 754.1	2 156.7	1 858.2	..	..	..	..	..
27 Electrical equipment	26.3	16.4	32.8	..	..	..	..	..
28 Machinery and equipment n.e.c.	223.4	231.0	317.8	..	..	..	..	..
29 Motor vehicles, trailers and semi-trailers	52.9	57.6	63.5	..	..	..	..	..
30 Other transport equipment	177.2	215.7	251.5	..	..	..	..	..
31-33 Furniture; repair, installation of machinery and equipment	82.7	141.8	138.1	..	..	..	..	..
31 Furniture	18.2	17.7	16.8	..	..	..	..	..
32 Other manufacturing	64.5	124.1	121.3	..	..	..	..	..
33 Repair and installation of machinery and equipment	0.0	0.0	0.0	..	..	..	..	..
<b>35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT</b>	<b>14.8</b>	<b>11.4</b>	<b>15.6</b>	..	..	..	..	..
35-36 Electricity, gas and water	0.1	0.0	0.0	..	..	..	..	..
37-39 Sewerage, waste management and remediation activities	14.7	11.4	15.6	..	..	..	..	..
<b>41-43 CONSTRUCTION</b>	<b>2.6</b>	<b>1.5</b>	<b>1.9</b>	..	..	..	..	..
<b>45-99 TOTAL SERVICES</b>	<b>2 891.5</b>	<b>2 080.1</b>	<b>2 265.1</b>	..	..	..	..	..
<b>45-82 Business sector services</b>	<b>2 881.0</b>	<b>2 070.0</b>	<b>2 228.1</b>	..	..	..	..	..
<b>45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs</b>	<b>613.5</b>	<b>642.4</b>	<b>848.3</b>	..	..	..	..	..
<b>49-53 Transportation and storage</b>	<b>49.7</b>	<b>32.5</b>	<b>47.6</b>	..	..	..	..	..
<b>55-56 Accommodation and food service activities</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	..	..	..	..	..
<b>58-63 Information and communication</b>	<b>171.5</b>	<b>177.9</b>	<b>179.2</b>	..	..	..	..	..
58-60 Publishing, audiovisual and broadcasting activities	42.0	57.1	46.8	..	..	..	..	..
58 Publishing activities	40.1	56.8	46.6	..	..	..	..	..
59-60 Motion picture, video and TV programme production; broadcasting activities	1.9	0.4	0.2	..	..	..	..	..
59 Motion picture, video and TV programme production; sound and music	1.9	0.4	0.2	..	..	..	..	..
60 Programming and broadcasting activities	0.0	0.0	0.0	..	..	..	..	..
61 Telecommunications	6.1	3.6	6.9	..	..	..	..	..
62-63 IT and other information services	123.3	117.1	125.6	..	..	..	..	..
62 Computer programming, consultancy and related activities	120.4	114.1	119.5	..	..	..	..	..
63 Information service activities	2.9	3.0	6.1	..	..	..	..	..
<b>64-66 Financial and insurance activities</b>	<b>112.3</b>	<b>107.5</b>	<b>110.7</b>	..	..	..	..	..
<b>68-82 Real estate; professional, scientific and technical; administrative and support</b>	<b>1 934.0</b>	<b>1 109.8</b>	<b>1 042.3</b>	..	..	..	..	..
68 Real estate activities	0.0	0.0	0.0	..	..	..	..	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	341.0	279.4	197.1	..	..	..	..	..
72 Scientific research and development	864.3	825.0	838.3	..	..	..	..	..
77-82 Administrative and support service activities	728.7	5.4	6.8	..	..	..	..	..
84-99 Community, social and personal services	10.5	10.0	36.9	..	..	..	..	..
84-85 Public administration and defence; compulsory social security and education	4.5	3.3	2.4 e	..	..	..	..	..
86-88 Human health and social work activities	4.8	6.4	34.3	..	..	..	..	..
90-93 Arts, entertainment and recreation	0.0	0.0	0.0	..	..	..	..	..
94-99 Other services; household-employers; extraterritorial bodies	1.2	0.3	0.2 e	..	..	..	..	..

.. Not available; e Estimated value

Note: Detailed metadata at: <http://metalinks.oecd.org/anberd/20200813/2abe>.

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