

CHINESE TAIPEI

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	17 939.1	19 949.5	21 606.6	23 286.9	25 139.5	26 199.8	27 760.5	..
01-03 AGRICULTURE, FORESTRY AND FISHING	..	..	..	..	..	..	..	..
05-09 MINING AND QUARRYING	..	..	..	..	..	..	..	..
10-33 MANUFACTURING	16 518.2	18 440.2	19 776.2	21 272.5	23 002.1	24 002.1	25 428.1	..
10-12 Food products, beverages and tobacco	125.2	141.5	166.6	146.0	154.5	152.0	175.0	..
13-15 Textiles, wearing apparel, leather and related products	221.9	246.6	265.5	261.4	292.1	311.8	397.7	..
13 Textiles	118.9	126.6	125.8	117.4	127.4	134.9	183.5	..
14 Wearing apparel	11.6	12.6	11.4	13.1	13.1	11.5	11.5	..
15 Leather and related products, footwear	91.4	107.4	128.4	130.9	151.6	165.4	202.7	..
16-18 Wood and paper products and printing	41.5	38.9	42.0	55.4	42.4	50.8	40.9	..
16 Wood and wood products, except furniture	0.3	1.0	0.9	1.4	4.0	6.2	8.0	..
17 Paper and paper products	17.8	16.7	17.8	12.3	10.5	11.4	8.3	..
18 Printing and reproduction of recorded media	23.3	21.2	23.3	41.7	27.9	33.2	24.5	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	1 149.4	1 293.6	1 406.5	1 485.8	1 605.6	1 597.0	1 725.3	..
19 Coke and refined petroleum products	75.8	80.4	97.8	138.2	148.8	140.6	130.6	..
20-21 Chemical and pharmaceutical products	844.2	970.5	1 040.3	1 099.0	1 175.8	1 184.6	1 302.2	..
20 Chemicals and chemical products	583.6	643.2	690.2	703.9	686.1	727.5	744.0	..
21 Pharmaceuticals, medicinal, chemical and botanical products	260.7	327.3	350.2	395.1	489.7	457.1	558.2	..
22 Rubber and plastic products	197.5	198.9	225.7	209.3	227.1	221.4	246.3	..
23 Other non-metallic mineral products	31.8	43.7	42.7	39.3	53.9	50.5	46.3	..
24-25 Basic metals, metal products, except machinery and equipment	311.8	324.3	325.4	350.2	355.5	357.7	398.8	..
24 Basic metals	179.9	169.9	168.3	177.6	174.4	172.5	178.1	..
25 Fabricated metal products, except machinery and equipment	131.9	154.5	157.1	172.6	181.0	185.1	220.8	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	14 487.0	16 229.2	17 381.1	18 764.2	20 338.5	21 302.5	22 428.1	..
26 Computer, electronic and optical products	12 823.6	14 473.2	15 607.0	16 855.8	18 272.2	19 253.5	20 268.8	..
27 Electrical equipment	609.2	610.7	632.4	639.8	637.4	641.2	634.0	..
28 Machinery and equipment n.e.c.	472.9	573.9	521.0	589.4	679.0	696.9	753.2	..
29 Motor vehicles, trailers and semi-trailers	299.1	307.1	343.2	375.3	439.9	408.9	433.8	..
30 Other transport equipment	282.2	264.4	277.4	303.8	310.0	301.9	338.4	..
31-33 Furniture; repair, installation of machinery and equipment	181.6	166.1	189.1	209.5	213.5	230.3	262.2	..
31 Furniture	10.3	8.4	10.7	7.2	9.2	10.6	12.2	..
32 Other manufacturing	171.2	157.7	178.4	202.3	204.4	219.7	249.9	..
33 Repair and installation of machinery and equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	..
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	46.6	44.2	48.7	38.8	37.7	51.2	53.3	..
35-36 Electricity, gas and water	45.3	42.6	47.5	37.6	36.5	49.0	52.4	..
37-39 Sewerage, waste management and remediation activities	1.4	1.6	1.2	1.2	1.3	2.2	0.9	..
41-43 CONSTRUCTION	10.4	10.0	12.2	14.1	17.9	14.6	15.3	..
45-99 TOTAL SERVICES	1 363.9	1 455.0	1 769.5	1 961.5	2 081.7	2 132.0	2 263.9	..
45-82 Business sector services	1 167.9	1 276.0	1 568.0	1 757.2	1 847.4	1 897.8	2 027.6	..
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	54.6	51.3	99.1	103.9	119.4	112.2	136.7	..
49-53 Transportation and storage	13.1	12.1	12.6	16.0	17.6	17.8	25.5	..
55-56 Accommodation and food service activities	0.2	0.7	0.3	0.5	0.1	0.1	1.2	..
58-63 Information and communication	817.0	871.8	875.5	995.3	1 030.2	1 052.1	1 125.9	..
58-60 Publishing, audiovisual and broadcasting activities	10.7	13.3	18.5	28.6	30.8	27.4	29.7	..
58 Publishing activities	8.4	11.3	15.5	23.1	22.4	20.1	23.0	..
59-60 Motion picture, video and TV programme production; broadcasting activities	2.2	2.0	3.0	5.5	8.4	7.3	6.8	..
59 Motion picture, video and TV programme production; sound and music	1.1	0.2	0.4	4.2	3.0	3.6	2.1	..
60 Programming and broadcasting activities	1.1	1.8	2.6	1.4	5.4	3.8	4.7	..
61 Telecommunications	244.9	257.6	262.5	260.6	253.9	247.1	264.3	..
62-63 IT and other information services	561.4	600.8	594.5	706.0	745.5	777.6	831.8	..
62 Computer programming, consultancy and related activities	513.9	536.5	557.5	665.3	696.5	714.3	764.7	..
63 Information service activities	47.6	64.3	37.0	40.7	49.0	63.4	67.1	..
64-66 Financial and insurance activities	108.7	124.2	150.6	159.8	183.2	206.5	231.6	..
68-82 Real estate; professional, scientific and technical; administrative and support	174.3	216.0	429.9	481.7	496.8	509.0	506.7	..
68 Real estate activities	0.0	0.8	1.2	1.7	2.5	1.9	2.1	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	94.2	128.4	338.2	389.7	400.6	413.7	409.4	..
72 Scientific research and development	73.5	80.4	82.9	80.8	84.0	84.7	86.4	..
77-82 Administrative and support service activities	6.6	6.4	7.6	9.5	9.8	8.6	8.7	..
84-99 Community, social and personal services	196.0	179.0	201.5	204.3	234.3	234.2	236.3	..
84-85 Public administration and defence; compulsory social security and education	0.2	0.0	0.1	0.1	0.2	0.2	0.3	..
86-88 Human health and social work activities	192.1	176.4	199.5	202.3	232.2	232.4	234.3	..
90-93 Arts, entertainment and recreation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	..
94-99 Other services; household-employers; extraterritorial bodies	3.8	2.6	1.9	1.9	1.9	1.7	1.7	..

.. Not available

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

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

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2010 USD PPP

	2010	2011	2012	2013	2014	2015	2016	2017
TOTAL BUSINESS ENTERPRISE	17 939.1	19 540.9	20 765.7	21 996.1	23 304.5	24 030.2	25 186.3	..
01-03 AGRICULTURE, FORESTRY AND FISHING	..	..	..	..	..	..	..	..
05-09 MINING AND QUARRYING	..	..	..	..	..	..	..	..
10-33 MANUFACTURING	16 518.2	18 062.6	19 006.5	20 093.3	21 323.1	22 014.5	23 070.1	..
10-12 Food products, beverages and tobacco	125.2	138.6	160.1	137.9	143.2	139.4	158.8	..
13-15 Textiles, wearing apparel, leather and related products	221.9	241.6	255.2	247.0	270.8	286.0	360.8	..
13 Textiles	118.9	124.0	120.9	110.9	118.1	123.7	166.5	..
14 Wearing apparel	11.6	12.4	10.9	12.4	12.2	10.6	10.4	..
15 Leather and related products, footwear	91.4	105.2	123.4	123.6	140.5	151.7	183.9	..
16-18 Wood and paper products and printing	41.5	38.1	40.3	52.3	39.3	46.6	37.1	..
16 Wood and wood products, except furniture	0.3	1.0	0.8	1.3	3.7	5.7	7.3	..
17 Paper and paper products	17.8	16.3	17.1	11.6	9.7	10.5	7.6	..
18 Printing and reproduction of recorded media	23.3	20.8	22.4	39.4	25.9	30.5	22.3	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	1 149.4	1 267.1	1 351.8	1 403.5	1 488.4	1 464.7	1 565.3	..
19 Coke and refined petroleum products	75.8	78.8	94.0	130.5	138.0	128.9	118.4	..
20-21 Chemical and pharmaceutical products	844.2	950.6	999.8	1 038.1	1 090.0	1 086.5	1 181.4	..
20 Chemicals and chemical products	583.6	630.1	663.3	664.9	636.0	667.2	675.0	..
21 Pharmaceuticals, medicinal, chemical and botanical products	260.7	320.6	336.5	373.2	454.0	419.3	506.5	..
22 Rubber and plastic products	197.5	194.8	216.9	197.7	210.5	203.0	223.5	..
23 Other non-metallic mineral products	31.8	42.8	41.1	37.1	49.9	46.3	42.0	..
24-25 Basic metals, metal products, except machinery and equipment	311.8	317.7	312.7	330.8	329.5	328.0	361.9	..
24 Basic metals	179.9	166.4	161.7	167.8	161.7	158.3	161.6	..
25 Fabricated metal products, except machinery and equipment	131.9	151.3	151.0	163.0	167.8	169.8	200.3	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	14 487.0	15 896.8	16 704.6	17 724.1	18 854.0	19 538.5	20 348.3	..
26 Computer, electronic and optical products	12 823.6	14 176.8	14 999.5	15 921.5	16 938.5	17 659.1	18 389.2	..
27 Electrical equipment	609.2	598.2	607.8	604.3	590.9	588.1	575.2	..
28 Machinery and equipment n.e.c.	472.9	562.1	500.8	556.8	629.4	639.2	683.3	..
29 Motor vehicles, trailers and semi-trailers	299.1	300.8	329.9	354.5	407.8	375.1	393.5	..
30 Other transport equipment	282.2	259.0	266.6	286.9	287.4	276.9	307.0	..
31-33 Furniture; repair, installation of machinery and equipment	181.6	162.7	181.8	197.9	198.0	211.2	237.9	..
31 Furniture	10.3	8.2	10.3	6.8	8.5	9.7	11.1	..
32 Other manufacturing	171.2	154.5	171.5	191.1	189.5	201.5	226.8	..
33 Repair and installation of machinery and equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	..
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	46.6	43.3	46.8	36.7	35.0	46.9	48.4	..
35-36 Electricity, gas and water	45.3	41.7	45.6	35.5	33.8	44.9	47.5	..
37-39 Sewerage, waste management and remediation activities	1.4	1.5	1.2	1.1	1.2	2.0	0.9	..
41-43 CONSTRUCTION	10.4	9.8	11.7	13.3	16.6	13.4	13.9	..
45-99 TOTAL SERVICES	1 363.9	1 425.2	1 700.7	1 852.8	1 929.7	1 955.4	2 054.0	..
45-82 Business sector services	1 167.9	1 249.9	1 507.0	1 659.8	1 712.5	1 740.6	1 839.6	..
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	54.6	50.2	95.3	98.2	110.7	102.9	124.0	..
49-53 Transportation and storage	13.1	11.8	12.1	15.1	16.3	16.4	23.1	..
55-56 Accommodation and food service activities	0.2	0.7	0.3	0.5	0.1	0.1	1.1	..
58-63 Information and communication	817.0	853.9	841.4	940.1	955.0	965.0	1 021.5	..
58-60 Publishing, audiovisual and broadcasting activities	10.7	13.0	17.8	27.1	28.6	25.1	27.0	..
58 Publishing activities	8.4	11.1	14.8	21.8	20.8	18.4	20.8	..
59-60 Motion picture, video and TV programme production; broadcasting activities	2.2	2.0	2.9	5.2	7.8	6.7	6.1	..
59 Motion picture, video and TV programme production; sound and music	1.1	0.2	0.4	3.9	2.8	3.3	1.9	..
60 Programming and broadcasting activities	1.1	1.8	2.5	1.3	5.0	3.5	4.3	..
61 Telecommunications	244.9	252.3	252.2	246.2	235.3	226.6	239.8	..
62-63 IT and other information services	561.4	588.5	571.4	666.9	691.1	713.2	754.6	..
62 Computer programming, consultancy and related activities	513.9	525.5	535.8	628.4	645.7	655.1	693.8	..
63 Information service activities	47.6	63.0	35.6	38.5	45.4	58.1	60.8	..
64-66 Financial and insurance activities	108.7	121.6	144.8	151.0	169.9	189.4	210.1	..
68-82 Real estate; professional, scientific and technical; administrative and support	174.3	211.6	413.2	455.0	460.6	466.8	459.8	..
68 Real estate activities	0.0	0.8	1.2	1.6	2.3	1.8	1.9	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	94.2	125.8	325.1	368.1	371.4	379.5	371.5	..
72 Scientific research and development	73.5	78.8	79.6	76.4	77.9	77.6	78.4	..
77-82 Administrative and support service activities	6.6	6.3	7.3	9.0	9.1	7.9	7.9	..
84-99 Community, social and personal services	196.0	175.3	193.7	192.9	217.2	214.8	214.4	..
84-85 Public administration and defence; compulsory social security and education	0.2	0.0	0.1	0.1	0.2	0.1	0.3	..
86-88 Human health and social work activities	192.1	172.8	191.8	191.1	215.3	213.1	212.6	..
90-93 Arts, entertainment and recreation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	..
94-99 Other services; household-employers; extraterritorial bodies	3.8	2.6	1.8	1.8	1.7	1.5	1.6	..

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