

FRANCE

R&D expenditure in industry by industry orientation, constant prices

ISIC Rev. 4

2010 USD PPP

	2009	2010	2011	2012	2013	2014	2015	2016
TOTAL BUSINESS ENTERPRISE	31 274.6	32 153.2	33 433.7	34 369.1	34 860.5	..	..	..
01-03 AGRICULTURE, FORESTRY AND FISHING	468.6	476.6	484.1	514.0	575.3	..	..	..
05-09 MINING AND QUARRYING	271.6	270.3	274.2	285.2	274.4	..	..	..
10-33 MANUFACTURING	24 789.2	24 640.0	25 561.5	25 850.9	25 723.9	..	..	..
10-12 Food products, beverages and tobacco	679.6	725.7	703.6	709.8	748.1	..	..	..
13-15 Textiles, wearing apparel, leather and related products	166.0	194.2	162.0	144.3	159.3	..	..	..
13 Textiles	93.4	103.7	90.6	77.3	81.8	..	..	..
14 Wearing apparel	58.9	74.6	64.6	59.6	68.5	..	..	..
15 Leather and related products, footwear	13.8	15.9	6.8	7.3	9.0	..	..	..
16-18 Wood and paper products and printing	97.8	92.2	113.9	119.0	115.2	..	..	..
16 Wood and wood products, except furniture	35.6	32.5	33.4	34.2	31.7	..	..	..
17 Paper and paper products	54.2	53.7	71.8	72.8	72.3	..	..	..
18 Printing and reproduction of recorded media	8.0	6.0	8.6	11.9	11.2	..	..	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	7 153.7	6 952.1	6 899.2	6 992.7	7 104.3	..	..	..
19 Coke and refined petroleum products	254.7	260.7	249.5	230.3	255.3	..	..	..
20-21 Chemical and pharmaceutical products	5 731.0	5 525.4	5 426.0	5 457.4	5 547.0	..	..	..
20 Chemicals and chemical products	1 717.8	1 752.1	1 786.1	1 874.1	2 013.7	..	..	..
21 Pharmaceuticals, medicinal, chemical and botanical products	4 013.2	3 773.3	3 639.9	3 583.3	3 533.4	..	..	..
22 Rubber and plastic products	783.9	814.1	865.5	946.2	914.6	..	..	..
23 Other non-metallic mineral products	384.1	351.9	358.1	358.8	387.3	..	..	..
24-25 Basic metals, metal products, except machinery and equipment	1 112.6	1 215.2	1 263.0	1 251.0	1 241.9	..	..	..
24 Basic metals	421.7	467.8	490.9	446.3	446.1	..	..	..
25 Fabricated metal products, except machinery and equipment	690.9	747.4	772.1	804.7	795.8	..	..	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	15 141.5	15 016.6	15 913.2	16 152.9	15 883.9	..	..	..
26 Computer, electronic and optical products	4 674.4	4 554.0	4 471.6	4 618.9	4 664.9	..	..	..
27 Electrical equipment	1 028.3	1 035.0	1 112.6	1 138.9	1 157.6	..	..	..
28 Machinery and equipment n.e.c.	1 084.3	1 111.0	1 184.6	1 257.9	1 256.7	..	..	..
29 Motor vehicles, trailers and semi-trailers	5 064.2	4 940.2	5 452.3	5 143.3	4 493.8	..	..	..
30 Other transport equipment	3 290.3	3 376.4	3 692.2	3 993.9	4 311.1	..	..	..
31-33 Furniture; repair, installation of machinery and equipment	437.9	444.0	506.7	481.2	470.9	..	..	..
31 Furniture	..	19.8	27.5	22.3	25.3	..	..	..
32 Other manufacturing	369.1	424.2	479.2	458.9	445.6	..	..	..
33 Repair and installation of machinery and equipment	..	0.0	0.0	0.0	0.0	..	..	..
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	631.6	613.3	680.0	686.2	709.1	..	..	..
35-36 Electricity, gas and water	566.1	574.7	636.3	641.6	660.5	..	..	..
37-39 Sewerage, waste management and remediation activities	65.5	38.6	43.8	44.6	48.6	..	..	..
41-43 CONSTRUCTION	110.9	103.5	125.1	133.5	118.2	..	..	..
45-99 TOTAL SERVICES	5 002.6	6 049.4	6 308.8	6 899.2	7 447.5	..	..	..
45-82 Business sector services	4 980.4	6 023.0	6 274.1	6 843.4	7 378.8	..	..	..
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	0.0	0.0	0.0	0.0	0.0	..	..	..
49-53 Transportation and storage	50.5	52.5	70.5	61.7	57.3	..	..	..
55-56 Accommodation and food service activities	0.0	0.0	0.0	0.0	0.0	..	..	..
58-63 Information and communication	3 549.5	4 081.7	4 127.6	4 369.5	4 620.9	..	..	..
58-60 Publishing, audiovisual and broadcasting activities	880.0	1 056.0	1 036.8	1 093.7	1 199.7	..	..	..
58 Publishing activities	792.2	898.3	932.3	973.1	1 107.3	..	..	..
59-60 Motion picture, video and TV programme production; broadcasting activities	87.9	157.7	104.5	120.7	92.4	..	..	..
59 Motion picture, video and TV programme production; sound and music	36.1	94.6	52.5	65.3	47.5	..	..	..
60 Programming and broadcasting activities	51.8	63.1	52.0	55.4	44.8	..	..	..
61 Telecommunications	947.6	944.6	935.7	1 060.0	1 119.8	..	..	..
62-63 IT and other information services	1 721.9	2 081.1	2 155.1	2 215.8	2 301.4	..	..	..
62 Computer programming, consultancy and related activities	1 602.1	1 926.2	1 969.5	2 060.4	2 141.7	..	..	..
63 Information service activities	119.7	155.0	185.6	155.4	159.7	..	..	..
64-66 Financial and insurance activities	199.4	202.0	226.1	227.8	226.9	..	..	..
68-82 Real estate; professional, scientific and technical; administrative and support	1 181.0	1 686.8	1 849.8	2 184.3	2 473.7	..	..	..
68 Real estate activities	0.0	0.0	0.0	0.0	0.0	..	..	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	802.7	1 161.6	1 243.5	1 435.9	1 674.6	..	..	..
72 Scientific research and development	304.2	406.4	489.3	600.4	644.1	..	..	..
77-82 Administrative and support service activities	74.1	118.8	116.9	148.0	155.0	..	..	..
84-99 Community, social and personal services	22.3	26.4	34.7	55.8	68.7	..	..	..
84-85 Public administration and defence; compulsory social security and education	3.9	1.2	3.0	4.2 e	3.7	..	..	..
86-88 Human health and social work activities	15.7	20.7	22.5	29.1	34.1	..	..	..
90-93 Arts, entertainment and recreation	0.8	1.2	2.5	3.4	6.7	..	..	..
94-99 Other services; household-employers; extraterritorial bodies	1.9	3.2	6.7	19.1 e	24.2	..	..	..

.. Not available; e Estimated value

Note: Detailed metadata at: <http://metalinks.oecd.org/anberd/20181213/8c73>.Disclaimer: <http://oe.cd/disclaimer>