

FRANCE

R&D expenditure in industry by product field, current prices

ISIC Rev. 4

Million USD PPP

	2007	2008	2009	2010	2011	2012	2013	2014
TOTAL BUSINESS ENTERPRISE	27 812.6	29 211.9	30 659.8	32 184.0	34 290.4	35 581.4	37 868.7	..
01-03 AGRICULTURE, FORESTRY AND FISHING	392.6	416.9	459.4	477.1	496.5	532.2	625.0	..
05-09 MINING AND QUARRYING	195.4	190.9	266.3	270.6	281.2	295.3	298.1	..
10-33 MANUFACTURING	23 152.6	23 887.7	24 301.9	24 663.6	26 216.5	26 762.7	27 943.7	..
10-12 Food products, beverages and tobacco	596.8	629.1	666.2	726.4	721.6	734.8	812.7	..
13-15 Textiles, wearing apparel, leather and related products	189.6	200.3	162.8	194.4	166.2	149.4	173.0	..
13 Textiles	131.0	106.4	91.6	103.8	92.9	80.1	88.9	..
14 Wearing apparel	50.3	78.8	57.7	74.7	66.3	61.7	74.4	..
15 Leather and related products, footwear	8.3	15.1	13.5	15.9	7.0	7.6	9.7	..
16-18 Wood and paper products and printing	108.6	102.4	95.9	92.3	116.8	123.2	125.2	..
16 Wood and wood products, except furniture	31.8	25.7	34.9	32.6	34.3	35.4	34.4	..
17 Paper and paper products	58.5	67.7	53.2	53.7	73.7	75.3	78.6	..
18 Printing and reproduction of recorded media	18.3	9.0	7.9	6.0	8.8	12.3	12.2	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	6 894.0	6 955.8	7 013.1	6 958.7	7 076.0	7 239.4	7 717.4	..
19 Coke and refined petroleum products	245.4	233.0	249.7	261.0	255.9	238.4	277.3	..
20-21 Chemical and pharmaceutical products	5 550.5	5 596.6	5 618.3	5 530.7	5 565.1	5 649.9	6 025.7	..
20 Chemicals and chemical products	1 625.6	1 638.6	1 684.0	1 753.8	1 831.9	1 940.2	2 187.4	..
21 Pharmaceuticals, medicinal, chemical and botanical products	3 925.0	3 958.0	3 934.3	3 776.9	3 733.2	3 709.7	3 838.3	..
22 Rubber and plastic products	778.8	783.2	768.5	814.9	887.7	979.6	993.6	..
23 Other non-metallic mineral products	319.2	343.0	376.5	352.2	367.3	371.4	420.8	..
24-25 Basic metals, metal products, except machinery and equipment	999.5	1 051.4	1 090.7	1 216.3	1 295.3	1 295.2	1 349.1	..
24 Basic metals	403.5	450.1	413.4	468.2	503.5	462.0	484.6	..
25 Fabricated metal products, except machinery and equipment	596.0	601.3	677.3	748.1	791.9	833.1	864.5	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	14 025.7	14 600.0	14 843.9	15 031.0	16 321.0	16 722.7	17 254.6	..
26 Computer, electronic and optical products	4 536.6	4 335.2	4 582.5	4 558.4	4 586.2	4 781.8	5 067.4	..
27 Electrical equipment	912.4	853.2	1 008.1	1 036.0	1 141.1	1 179.1	1 257.5	..
28 Machinery and equipment n.e.c.	951.9	1 047.4	1 063.0	1 112.0	1 214.9	1 302.3	1 365.1	..
29 Motor vehicles, trailers and semi-trailers	4 446.2	4 945.0	4 964.7	4 944.9	5 592.0	5 324.8	4 881.6	..
30 Other transport equipment	3 178.6	3 419.2	3 225.6	3 379.7	3 786.8	4 134.8	4 683.1	..
31-33 Furniture; repair, installation of machinery and equipment	338.5	348.8	429.3	444.4	519.7	498.2	511.5	..
31 Furniture	..	..	..	19.8	28.2	23.1	27.5	..
32 Other manufacturing	327.3	335.4	361.8	424.6	491.5	475.1	484.0	..
33 Repair and installation of machinery and equipment	..	..	..	0.0	0.0	0.0	0.0	..
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	534.7	537.0	619.2	613.8	697.5	710.4	770.2	..
35-36 Electricity, gas and water	459.0	479.3	555.0	575.3	652.6	664.2	717.5	..
37-39 Sewerage, waste management and remediation activities	75.6	57.7	64.2	38.6	44.9	46.2	52.8	..
41-43 CONSTRUCTION	110.2	90.3	108.7	103.6	128.3	138.2	128.4	..
45-99 TOTAL SERVICES	3 427.2	4 089.0	4 904.3	6 055.2	6 470.4	7 142.6	8 090.2	..
45-82 Business sector services	3 409.5	4 061.3	4 882.5	6 028.8	6 434.9	7 084.8	8 015.6	..
45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	..
49-53 Transportation and storage	39.8	35.4	49.5	52.6	72.4	63.8	62.3	..
55-56 Accommodation and food service activities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	..
58-63 Information and communication	2 366.8	3 038.3	3 479.7	4 085.6	4 233.4	4 523.6	5 019.7	..
58-60 Publishing, audiovisual and broadcasting activities	490.2	702.3	862.7	1 057.0	1 063.4	1 132.3	1 303.2	..
58 Publishing activities	458.5	643.5	776.6	899.1	956.2	1 007.5	1 202.8	..
59-60 Motion picture, video and TV programme production; broadcasting activities	31.7	58.8	86.1	157.8	107.2	125.0	100.4	..
59 Motion picture, video and TV programme production; sound and music	..	36.7	35.4	94.7	53.9	67.6	51.5	..
60 Programming and broadcasting activities	..	22.1	50.8	63.2	53.3	57.3	48.7	..
61 Telecommunications	902.0	963.6	929.0	945.5	959.7	1 097.4	1 216.4	..
62-63 IT and other information services	974.6	1 372.4	1 688.0	2 083.1	2 210.3	2 294.0	2 500.0	..
62 Computer programming, consultancy and related activities	933.9	1 338.3	1 570.6	1 928.0	2 020.0	2 133.1	2 326.5	..
63 Information service activities	40.7	34.1	117.4	155.1	190.3	160.8	173.5	..
64-66 Financial and insurance activities	74.9	156.2	195.5	202.2	231.9	235.8	246.5	..
68-82 Real estate; professional, scientific and technical; administrative and support	927.7	831.2	1 157.8	1 688.5	1 897.2	2 261.4	2 687.1	..
68 Real estate activities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	796.4	578.6	786.9	1 162.7	1 275.4	1 486.6	1 819.1	..
72 Scientific research and development	68.2	184.3	298.2	406.8	501.8	621.6	699.7	..
77-82 Administrative and support service activities	63.1	68.3	72.7	118.9	119.9	153.3	168.3	..
84-99 Community, social and personal services	17.6	27.7	21.8	26.4	35.5	57.8	74.6	..
84-85 Public administration and defence; compulsory social security and education	..	2.1	3.8	1.2	3.1	4.3	4.1	..
86-88 Human health and social work activities	9.6	21.8	15.4	20.7	23.1	30.1	37.0	..
90-93 Arts, entertainment and recreation	..	3.8	0.8	1.2	2.5	3.6	7.3	..
94-99 Other services; household-employers; extraterritorial bodies	0.0	0.1	1.9	3.2	6.8	19.8	26.3	..

.. Not available

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