

FRANCE

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

ISIC Rev. 4

2010 USD PPP

	2007	2008	2009	2010	2011	2012	2013	2014
TOTAL BUSINESS ENTERPRISE	30 056.8	30 554.5	31 312.7	32 184.0	33 504.3	34 488.0	34 981.6	..
01-03 AGRICULTURE, FORESTRY AND FISHING	424.2	436.0	469.2	477.1	485.1	515.8	577.3	..
05-09 MINING AND QUARRYING	211.2	199.7	271.9	270.6	274.7	286.2	275.3	..
10-33 MANUFACTURING	25 020.8	24 985.7	24 819.4	24 663.6	25 615.5	25 940.3	25 813.3	..
10-12 Food products, beverages and tobacco	644.9	658.0	680.4	726.4	705.0	712.2	750.7	..
13-15 Textiles, wearing apparel, leather and related products	204.9	209.5	166.2	194.4	162.3	144.8	159.8	..
13 Textiles	141.6	111.3	93.5	103.8	90.8	77.6	82.1	..
14 Wearing apparel	54.3	82.4	58.9	74.7	64.8	59.8	68.7	..
15 Leather and related products, footwear	9.0	15.8	13.8	15.9	6.8	7.3	9.0	..
16-18 Wood and paper products and printing	117.4	107.1	97.9	92.3	114.1	119.4	115.6	..
16 Wood and wood products, except furniture	34.4	26.9	35.6	32.6	33.5	34.3	31.8	..
17 Paper and paper products	63.2	70.8	54.3	53.7	72.0	73.0	72.6	..
18 Printing and reproduction of recorded media	19.8	9.4	8.0	6.0	8.6	11.9	11.3	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	7 450.2	7 275.5	7 162.4	6 958.7	6 913.8	7 016.9	7 129.0	..
19 Coke and refined petroleum products	265.3	243.7	255.0	261.0	250.0	231.1	256.2	..
20-21 Chemical and pharmaceutical products	5 998.4	5 853.8	5 738.0	5 530.7	5 437.5	5 476.3	5 566.3	..
20 Chemicals and chemical products	1 756.7	1 713.9	1 719.8	1 753.8	1 789.9	1 880.6	2 020.7	..
21 Pharmaceuticals, medicinal, chemical and botanical products	4 241.7	4 139.9	4 018.1	3 776.9	3 647.6	3 595.7	3 545.7	..
22 Rubber and plastic products	841.6	819.2	784.9	814.9	867.4	949.5	917.8	..
23 Other non-metallic mineral products	345.0	358.8	384.6	352.2	358.9	360.0	388.7	..
24-25 Basic metals, metal products, except machinery and equipment	1 080.2	1 099.7	1 114.0	1 216.3	1 265.6	1 255.4	1 246.2	..
24 Basic metals	436.1	470.8	422.2	468.2	491.9	447.8	447.7	..
25 Fabricated metal products, except machinery and equipment	644.1	628.9	691.7	748.1	773.7	807.5	798.6	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	15 157.4	15 271.1	15 159.9	15 031.0	15 946.9	16 208.8	15 939.1	..
26 Computer, electronic and optical products	4 902.7	4 534.4	4 680.1	4 558.4	4 481.1	4 634.9	4 681.1	..
27 Electrical equipment	986.0	892.4	1 029.5	1 036.0	1 114.9	1 142.8	1 161.6	..
28 Machinery and equipment n.e.c.	1 028.7	1 095.6	1 085.6	1 112.0	1 187.1	1 262.2	1 261.1	..
29 Motor vehicles, trailers and semi-trailers	4 805.0	5 172.3	5 070.4	4 944.9	5 463.8	5 161.1	4 509.4	..
30 Other transport equipment	3 435.0	3 576.4	3 294.3	3 379.7	3 700.0	4 007.7	4 326.1	..
31-33 Furniture; repair, installation of machinery and equipment	365.8	364.8	438.5	444.4	507.8	482.9	472.5	..
31 Furniture	..	..	..	19.8	27.6	22.4	25.4	..
32 Other manufacturing	353.7	350.9	369.5	424.6	480.2	460.5	447.1	..
33 Repair and installation of machinery and equipment	..	..	..	0.0	0.0	0.0	0.0	..
35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT	577.8	561.7	632.4	613.8	681.5	688.6	711.5	..
35-36 Electricity, gas and water	496.1	501.3	566.8	575.3	637.6	643.8	662.8	..
37-39 Sewerage, waste management and remediation activities	81.7	60.4	65.6	38.6	43.9	44.8	48.8	..
41-43 CONSTRUCTION	119.1	94.4	111.0	103.6	125.3	134.0	118.6	..
45-99 TOTAL SERVICES	3 703.7	4 277.0	5 008.7	6 055.2	6 322.1	6 923.1	7 473.4	..
45-82 Business sector services	3 684.7	4 248.0	4 986.4	6 028.8	6 287.4	6 867.1	7 404.5	..
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	43.0	37.1	50.6	52.6	70.7	61.9	57.5	..
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	2 557.8	3 177.9	3 553.8	4 085.6	4 136.4	4 384.6	4 637.0	..
58-60 Publishing, audiovisual and broadcasting activities	529.8	734.6	881.1	1 057.0	1 039.0	1 097.5	1 203.9	..
58 Publishing activities	495.5	673.1	793.1	899.1	934.3	976.5	1 111.1	..
59-60 Motion picture, video and TV programme production; broadcasting activities	34.3	61.5	88.0	157.8	104.7	121.1	92.7	..
59 Motion picture, video and TV programme production; sound and music	..	38.4	36.1	94.7	52.6	65.6	47.6	..
60 Programming and broadcasting activities	..	23.1	51.9	63.2	52.1	55.6	45.0	..
61 Telecommunications	974.8	1 007.9	948.7	945.5	937.7	1 063.6	1 123.7	..
62-63 IT and other information services	1 053.2	1 435.5	1 724.0	2 083.1	2 159.6	2 223.5	2 309.4	..
62 Computer programming, consultancy and related activities	1 009.3	1 399.8	1 604.1	1 928.0	1 973.7	2 067.6	2 149.2	..
63 Information service activities	43.9	35.6	119.9	155.1	186.0	155.9	160.3	..
64-66 Financial and insurance activities	81.0	163.4	199.6	202.2	226.6	228.6	227.7	..
68-82 Real estate; professional, scientific and technical; administrative and support	1 002.6	869.4	1 182.4	1 688.5	1 853.7	2 191.9	2 482.2	..
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	860.6	605.2	803.6	1 162.7	1 246.2	1 440.9	1 680.4	..
72 Scientific research and development	73.8	192.8	304.6	406.8	490.3	602.5	646.4	..
77-82 Administrative and support service activities	68.2	71.4	74.2	118.9	117.2	148.6	155.5	..
84-99 Community, social and personal services	19.1	29.0	22.3	26.4	34.7	56.0	68.9	..
84-85 Public administration and defence; compulsory social security and education	..	2.2	3.9	1.2	3.0	4.2	3.8	..
86-88 Human health and social work activities	10.4	22.8	15.7	20.7	22.5	29.2	34.2	..
90-93 Arts, entertainment and recreation	..	3.9	0.8	1.2	2.5	3.4	6.7	..
94-99 Other services; household-employers; extraterritorial bodies	0.0	0.1	1.9	3.2	6.7	19.2	24.3	..

.. Not available

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