

# IRELAND

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

ISIC Rev. 4

Million USD PPP

	2011	2012	2013	2014	2015	2016	2017	2018
<b>TOTAL BUSINESS ENTERPRISE</b>	<b>2 236.4</b>	<b>2 383.4</b>	<b>2 492.4</b>	<b>2 572.3</b>	<b>2 758.6</b>	<b>2 886.3</b>	<b>3 501.7</b>	..
<b>01-03 AGRICULTURE, FORESTRY AND FISHING</b>	<b>2.5</b>	<b>2.2 e</b>	<b>1.5 e</b>	<b>1.5 e</b>	<b>1.2</b>	<b>1.1 e</b>	<b>1.1</b>	..
<b>05-09 MINING AND QUARRYING</b>	<b>1.0 e</b>	<b>1.4 e</b>	<b>1.4 e</b>	<b>2.1 e</b>	<b>2.5</b>	<b>2.4 e</b>	<b>2.8</b>	..
<b>10-33 MANUFACTURING</b>	<b>864.1</b>	<b>962.9 e</b>	<b>1 047.7</b>	<b>1 043.0 e</b>	<b>1 082.2</b>	<b>1 225.8 e</b>	<b>1 578.0</b>	..
10-12 Food products, beverages and tobacco	88.6 e	94.2 e	98.3	93.4 e	92.7	95.1 e	113.8	..
13-15 Textiles, wearing apparel, leather and related products	3.9	4.6 e	5.3 e	5.6 e	6.2	3.2 e	0.7	..
13 Textiles	..	..	..	..	..	..	0.5	..
14 Wearing apparel	..	..	..	..	..	..	0.3	..
15 Leather and related products, footwear	..	..	..	..	..	..	0.0	..
16-18 Wood and paper products and printing	32.7	38.9 e	44.6	22.4 e	1.2	4.6 e	8.7	..
16 Wood and wood products, except furniture	9.7	..	6.8	..	..	..	1.7	..
17 Paper and paper products	..	..	..	..	..	..	5.7	..
18 Printing and reproduction of recorded media	..	..	..	..	..	..	1.3	..
19-23 Chemical, rubber, plastic, non-metallic mineral products	231.7	265.4 e	295.4	301.6 e	321.2	419.2 e	590.6	..
19 Coke and refined petroleum products	0.0	0.0 e	0.0	0.0 e	0.0	0.0 e	0.0	..
20-21 Chemical and pharmaceutical products	212.8	240.2 e	264.2	276.7 e	301.4	400.5 e	569.7	..
20 Chemicals and chemical products	59.8	61.0 e	61.2	89.7 e	122.3	119.9 e	137.8	..
21 Pharmaceuticals, medicinal, chemical and botanical products	153.0	179.2 e	203.0	186.9 e	179.1	280.6 e	432.0	..
22 Rubber and plastic products	13.1	18.6 e	24.1	19.6 e	16.1	14.8 e	16.1	..
23 Other non-metallic mineral products	5.9	6.5 e	7.1	5.3 e	3.7	3.9 e	4.8	..
24-25 Basic metals, metal products, except machinery and equipment	33.5	36.5 e	39.0	35.4 e	33.4	42.5 e	59.1	..
24 Basic metals	2.8	4.3 e	5.8	5.8 e	6.2	5.4 e	5.5	..
25 Fabricated metal products, except machinery and equipment	30.7	32.2 e	33.3	29.6 e	27.2	37.1 e	53.6	..
26-30 Computer, electronic, optical products; electrical machinery, transport equipment	242.7	289.4 e	332.3	364.9 e	413.9	393.5 e	439.5	..
26 Computer, electronic and optical products	183.8	219.1 e	251.6 e	289.2 e	339.7	313.4 e	339.6	..
27 Electrical equipment	15.3	18.2 e	20.9 e	19.9 e	19.8	23.1 e	30.5	..
28 Machinery and equipment n.e.c.	35.8	42.6 e	49.0 e	48.1 e	49.4	49.5 e	57.9	..
29 Motor vehicles, trailers and semi-trailers	5.7	6.8 e	7.8 e	5.6 e	3.7	6.8 e	11.1	..
30 Other transport equipment	2.2	2.6 e	3.0 e	2.1 e	1.2	0.7 e	0.3	..
31-33 Furniture; repair, installation of machinery and equipment	230.9 e	233.8 e	232.8 e	219.6 e	216.2	267.6 e	365.5	..
31 Furniture	1.6 e	1.8 e	2.1 e	2.2 e	2.5	2.1 e	2.0	..
32 Other manufacturing	220.4	225.0 e	225.8	213.8 e	211.2	263.2 e	361.0	..
33 Repair and installation of machinery and equipment	9.0	7.0 e	4.9	3.6 e	2.5	2.3 e	2.5	..
<b>35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT</b>	<b>19.8</b>	<b>13.9 e</b>	<b>7.6</b>	<b>8.0 e</b>	<b>8.6</b>	<b>8.3 e</b>	<b>9.3</b>	..
35-36 Electricity, gas and water	14.5	9.9 e	5.1	4.9 e	4.9	6.1 e	8.3	..
37-39 Sewerage, waste management and remediation activities	5.3	4.0 e	2.5	3.0 e	3.7	2.2 e	1.0	..
<b>41-43 CONSTRUCTION</b>	<b>3.1</b>	<b>3.1 e</b>	<b>3.1</b>	<b>2.1 e</b>	<b>1.2</b>	<b>2.4 e</b>	<b>4.1</b>	..
<b>45-99 TOTAL SERVICES</b>	<b>1 345.9 e</b>	<b>1 399.9 e</b>	<b>1 431.2</b>	<b>1 515.6 e</b>	<b>1 664.1</b>	<b>1 646.3 e</b>	<b>1 904.0</b>	..
<b>45-82 Business sector services</b>	<b>1 334.0</b>	<b>1 383.0 e</b>	<b>1 409.4</b>	<b>1 500.7 e</b>	<b>1 655.4</b>	<b>1 638.2 e</b>	<b>1 895.0</b>	..
<b>45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs</b>	<b>212.2</b>	<b>183.2 e</b>	<b>150.3</b>	<b>218.1 e</b>	<b>295.3</b>	<b>260.7 e</b>	<b>269.0</b>	..
<b>49-53 Transportation and storage</b>	<b>2.5</b>	<b>2.0 e</b>	<b>1.5</b>	<b>2.5 e</b>	<b>3.7</b>	<b>2.6 e</b>	<b>1.8</b>	..
<b>55-56 Accommodation and food service activities</b>	<b>0.7</b>	<b>0.6 e</b>	<b>0.5</b>	<b>0.2 e</b>	<b>0.0</b>	<b>0.0 e</b>	<b>0.0</b>	..
<b>58-63 Information and communication</b>	<b>686.9</b>	<b>745.0 e</b>	<b>791.7</b>	<b>793.0 e</b>	<b>827.7</b>	<b>829.5 e</b>	<b>970.2</b>	..
58-60 Publishing, audiovisual and broadcasting activities	211.9	210.1 e	204.6	154.1 e	109.9	110.3 e	129.1	..
58 Publishing activities	211.2	208.6 e	202.4	152.5 e	108.8 e	109.1 e	127.8 e	..
59-60 Motion picture, video and TV programme production; broadcasting activities	0.7	1.4 e	2.1	1.6 e	1.2 e	1.2 e	1.4 e	..
59 Motion picture, video and TV programme production; sound and music	..	..	2.0	1.5 e	1.1 e	1.1 e	1.3 e	..
60 Programming and broadcasting activities	..	..	0.1	0.1 e	0.1 e	0.1 e	0.1 e	..
61 Telecommunications	13.9	16.0 e	17.9	16.0 e	14.8	15.5 e	18.8	..
62-63 IT and other information services	461.1	518.8 e	569.2	622.9 e	702.9	703.7 e	822.3	..
62 Computer programming, consultancy and related activities	413.3	467.8 e	515.6	567.0 e	642.4	582.3 e	618.4	..
63 Information service activities	47.8	51.1 e	53.6	55.9 e	60.5	121.3 e	203.9	..
<b>64-66 Financial and insurance activities</b>	<b>57.2</b>	<b>61.2 e</b>	<b>64.3</b>	<b>58.1 e</b>	<b>54.4</b>	<b>48.2 e</b>	<b>50.0</b>	..
<b>68-82 Real estate; professional, scientific and technical; administrative and support</b>	<b>374.4</b>	<b>391.0 e</b>	<b>401.3</b>	<b>428.8 e</b>	<b>474.4</b>	<b>497.3 e</b>	<b>604.0</b>	..
68 Real estate activities	0.0	0.0 e	0.0	0.0 e	0.0	0.1 e	0.2	..
69-75x72 Professional, scientific and technical activities, except scientific R&D	71.7	95.0 e	117.2	121.9 e	131.0	132.0 e	154.5	..
72 Scientific research and development	279.9	273.4 e	262.1	274.3 e	296.5	333.6 e	425.8	..
77-82 Administrative and support service activities	22.8	22.6 e	21.9	32.6 e	44.5	31.6 e	23.5	..
84-99 Community, social and personal services	11.9 e	16.9 e	21.7	14.9 e	8.6	8.1 e	9.0	..
84-85 Public administration and defence; compulsory social security and education	..	..	..	..	2.5	..	..	..
86-88 Human health and social work activities	2.6	..	3.3	..	3.7	..	..	..
90-93 Arts, entertainment and recreation	2.4	..	5.7	..	2.5	..	..	..
94-99 Other services; household-employers; extraterritorial bodies	..	..	..	..	..	..	..	..

.. Not available; e Estimated value

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

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