

PORTUGAL

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 | 2 032.0 | 1 952.1 | 1 905.1 | 1 838.4 | 1 789.6 | 1 772.5 | 1 987.7 | 2 245.9 |
| 01-03 AGRICULTURE, FORESTRY AND FISHING | 2.4 | 4.6 | 7.9 | 11.6 | 7.9 | 8.5 | 15.5 | 19.4 |
| 05-09 MINING AND QUARRYING | 4.9 | 6.4 | 4.4 | 6.5 | 5.9 | 12.4 | 9.0 | 13.9 |
| 10-33 MANUFACTURING | 661.8 | 692.7 | 781.3 | 727.3 | 742.4 | 705.5 | 831.5 | 889.3 |
| 10-12 Food products, beverages and tobacco | 75.4 | 66.4 | 117.3 | 101.0 | 96.9 | 77.1 | 84.0 | 87.0 |
| 13-15 Textiles, wearing apparel, leather and related products | 33.1 | 33.2 | 38.4 | 38.9 | 44.0 | 46.0 | 48.9 | 51.2 |
| 13 Textiles | 22.2 | 20.0 | 23.0 | 19.0 | 23.3 | 26.7 | 28.0 | 27.0 |
| 14 Wearing apparel | 4.8 | 5.0 | 5.8 | 4.4 | 5.7 | 5.6 | 7.2 | 8.5 |
| 15 Leather and related products, footwear | 6.0 | 8.3 | 9.6 | 15.5 | 15.0 | 13.8 | 13.7 | 15.6 |
| 16-18 Wood and paper products and printing | 40.6 | 54.8 | 58.9 | 61.6 | 56.4 | 55.1 | 57.8 | 71.6 |
| 16 Wood and wood products, except furniture | 10.9 | 15.3 | 16.0 | 14.5 | 15.0 | 18.4 | 18.3 | 26.6 |
| 17 Paper and paper products | 12.8 | 21.1 | 25.7 | 26.3 | 19.4 | 16.8 | 19.2 | 23.5 |
| 18 Printing and reproduction of recorded media | 16.8 | 18.4 | 17.1 | 20.7 | 22.0 | 19.9 | 20.3 | 21.5 |
| 19-23 Chemical, rubber, plastic, non-metallic mineral products | 253.1 | 259.7 | 297.8 e | 269.5 | 259.0 e | 258.8 e | 311.9 e | 340.2 e |
| 19 Coke and refined petroleum products | 11.8 | 8.7 | 7.1 e | 5.8 | 3.7 e | 5.6 e | 7.3 e | 7.6 e |
| 20-21 Chemical and pharmaceutical products | 173.4 | 169.4 | 188.6 | 186.8 | 171.6 | 173.2 | 206.5 | 223.4 |
| 20 Chemicals and chemical products | 48.3 | 29.1 | 40.8 | 41.9 | 41.9 | 45.7 | 55.2 | 51.2 |
| 21 Pharmaceuticals, medicinal, chemical and botanical products | 125.0 | 140.4 | 147.8 | 144.9 | 129.7 | 127.5 | 151.3 | 172.2 |
| 22 Rubber and plastic products | 32.0 | 34.8 | 38.9 | 35.6 | 36.6 | 38.7 | 61.9 | 57.5 |
| 23 Other non-metallic mineral products | 35.9 | 46.8 | 63.1 | 41.3 | 47.0 | 41.4 | 36.1 | 51.8 |
| 24-25 Basic metals, metal products, except machinery and equipment | 62.9 | 61.3 | 57.7 | 59.4 | 77.7 | 51.4 | 64.0 | 76.5 |
| 24 Basic metals | 19.6 | 19.2 | 19.2 | 22.0 | 33.0 | 12.9 | 17.8 | 20.8 |
| 25 Fabricated metal products, except machinery and equipment | 43.3 | 42.1 | 38.5 | 37.5 | 44.7 | 38.5 | 46.1 | 55.7 |
| 26-30 Computer, electronic, optical products; electrical machinery, transport equipment | 177.5 | 200.9 | 195.4 | 177.3 | 189.4 | 197.1 | 241.0 | 238.6 |
| 26 Computer, electronic and optical products | 31.1 | 42.5 | 43.0 | 41.0 | 49.8 | 53.1 | 63.0 | 63.2 |
| 27 Electrical equipment | 54.7 | 70.8 | 62.9 | 59.9 | 52.6 | 45.1 | 52.1 | 54.1 |
| 28 Machinery and equipment n.e.c. | 22.0 | 25.8 | 34.6 | 31.7 | 32.5 | 36.4 | 43.2 | 45.9 |
| 29 Motor vehicles, trailers and semi-trailers | 64.7 | 55.4 | 47.3 | 40.9 | 50.0 | 55.4 | 67.2 | 63.1 |
| 30 Other transport equipment | 4.9 | 6.5 | 7.6 | 3.8 | 4.5 | 7.0 | 15.5 | 12.2 |
| 31-33 Furniture; repair, installation of machinery and equipment | 19.2 | 16.4 | 15.8 e | 19.5 | 19.0 e | 20.0 e | 24.0 e | 24.2 e |
| 31 Furniture | 8.2 | 6.4 | 7.3 | 7.8 | 8.0 | 6.2 | 5.2 | 8.3 |
| 32 Other manufacturing | 4.6 | 4.9 | 4.1 e | 4.7 | 3.0 e | 4.5 e | 5.9 e | 6.1 e |
| 33 Repair and installation of machinery and equipment | 6.4 | 5.0 | 4.4 | 7.0 | 8.1 | 9.3 | 12.9 | 9.8 |
| 35-39 ELECTRICITY, GAS, WATER AND WASTE MANAGEMENT | 90.0 | 24.3 | 33.9 | 17.0 | 16.1 | 21.5 | 23.1 | 16.2 |
| 35-36 Electricity, gas and water | 84.5 | 17.8 | 15.2 | 9.1 | 8.8 | 14.4 | 16.5 | 10.0 |
| 37-39 Sewerage, waste management and remediation activities | 5.5 | 6.5 | 18.7 | 7.8 | 7.3 | 7.1 | 6.5 | 6.2 |
| 41-43 CONSTRUCTION | 15.6 | 16.6 | 8.5 | 13.1 | 14.1 | 13.8 | 10.7 | 18.4 |
| 45-99 TOTAL SERVICES | 1 257.4 | 1 207.6 | 1 069.1 | 1 062.8 | 1 003.2 | 1 010.7 | 1 097.9 | 1 288.7 |
| 45-82 Business sector services | 1 225.0 | 1 183.6 | 1 046.5 | 1 039.2 | 972.6 | 978.1 | 1 069.7 | 1 252.7 |
| 45-47 Wholesale and retail trade; motor vehicle and motorcycle repairs | 141.2 | 138.1 | 129.0 | 81.4 | 96.0 | 85.9 | 89.9 | 106.3 |
| 49-53 Transportation and storage | 46.3 | 41.7 | 19.4 | 23.1 | 23.1 | 19.7 | 18.5 | 33.9 |
| 55-56 Accommodation and food service activities | 0.0 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.7 | 1.3 |
| 58-63 Information and communication | 530.6 | 532.4 | 449.1 | 412.3 | 336.5 | 312.9 | 367.5 | 445.9 |
| 58-60 Publishing, audiovisual and broadcasting activities | 37.8 | 29.4 | 25.7 | 23.6 | 26.7 | 20.7 | 21.2 | 28.4 |
| 58 Publishing activities | 31.9 | 22.6 | 19.6 | 22.3 | 25.6 e | 20.3 | 20.1 | 27.9 |
| 59-60 Motion picture, video and TV programme production; broadcasting activities | 5.9 | 6.9 | 6.0 | 1.3 | 1.0 e | 0.4 | 1.1 | 0.5 |
| 59 Motion picture, video and TV programme production; sound and music | 0.5 | 0.2 | 0.5 | 0.1 e | .. | .. | 0.5 | 0.5 |
| 60 Programming and broadcasting activities | 5.4 | 6.7 | 5.6 | 1.2 e | .. | .. | 0.6 | 0.0 |
| 61 Telecommunications | 293.4 | 339.1 | 225.2 | 184.0 | 85.8 | 78.6 | 101.1 | 123.4 |
| 62-63 IT and other information services | 199.4 | 163.9 | 198.2 | 204.8 | 224.1 | 213.5 | 245.2 | 294.0 |
| 62 Computer programming, consultancy and related activities | 194.1 | 158.6 | 188.9 | 197.2 | 215.5 | 200.7 | 228.7 | 253.3 |
| 63 Information service activities | 5.2 | 5.2 | 9.3 | 7.6 | 8.6 | 12.9 | 16.5 | 40.7 |
| 64-66 Financial and insurance activities | 274.0 | 244.1 | 246.6 | 271.9 | 258.4 | 284.4 | 286.1 | 235.6 |
| 68-82 Real estate; professional, scientific and technical; administrative and support | 232.9 | 227.0 | 202.1 | 250.2 | 258.5 | 275.1 | 307.0 | 429.8 |
| 68 Real estate activities | 0.0 | 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 | 168.1 | 138.1 | 95.2 | 97.4 | 89.5 | 108.1 | 126.3 | 223.1 |
| 72 Scientific research and development | 50.0 | 73.4 | 89.0 | 136.9 | 148.7 | 145.5 | 157.9 | 181.6 |
| 77-82 Administrative and support service activities | 14.7 | 15.5 | 17.9 | 15.9 | 20.3 | 21.4 | 22.8 | 25.1 |
| 84-99 Community, social and personal services | 32.4 | 24.0 | 22.6 | 23.7 | 30.6 | 32.6 | 28.2 | 35.9 |
| 84-85 Public administration and defence; compulsory social security and education | 2.2 | 2.2 | 1.5 | 4.0 | 3.9 | 1.0 | 0.4 | 0.5 e |
| 86-88 Human health and social work activities | 5.0 | 7.3 | 6.9 | 7.7 | 8.1 | 9.6 | 13.1 | 17.6 e |
| 90-93 Arts, entertainment and recreation | 0.5 | 1.1 | 0.6 | 3.8 | 1.4 | 2.8 | 2.2 | 3.0 |
| 94-99 Other services; household-employers; extraterritorial bodies | 24.7 | 13.3 | 13.6 | 8.1 | 17.2 | 19.2 | 12.5 | 14.9 |

.. Not available; e Estimated value

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

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