

ISIC4	Descrição	R&D intensity	Categoria
011	Growing of non-perennial crops	Baixa Intensidade de P&D	Industrial
012	Growing of perennial crops	Baixa Intensidade de P&D	Industrial
013	Plant propagation	Baixa Intensidade de P&D	Industrial
014	Animal production	Baixa Intensidade de P&D	Industrial
015	Mixed farming	Baixa Intensidade de P&D	Industrial
016	Support activities to agriculture and post-harvest crop activities	Baixa Intensidade de P&D	Industrial
017	Hunting, trapping and related service activities	Baixa Intensidade de P&D	Industrial
021	Silviculture and other forestry activities	Baixa Intensidade de P&D	Industrial
022	Logging	Baixa Intensidade de P&D	Industrial
023	Gathering of non-wood forest products	Baixa Intensidade de P&D	Industrial
024	Support services to forestry	Baixa Intensidade de P&D	Industrial
031	Fishing	Baixa Intensidade de P&D	Industrial
032	Aquaculture	Baixa Intensidade de P&D	Industrial
051	Mining of hard coal	Média-Baixa Intensidade de P&D	Industrial
052	Mining of lignite	Média-Baixa Intensidade de P&D	Industrial
061	Extraction of crude petroleum	Média-Baixa Intensidade de P&D	Industrial
062	Extraction of natural gas	Média-Baixa Intensidade de P&D	Industrial
071	Mining of iron ores	Média-Baixa Intensidade de P&D	Industrial
072	Mining of non-ferrous metal ores	Média-Baixa Intensidade de P&D	Industrial
081	Quarrying of stone, sand and clay	Média-Baixa Intensidade de P&D	Industrial
089	Mining and quarrying n.e.c.	Média-Baixa Intensidade de P&D	Industrial
091	Support activities for petroleum and natural gas extraction	Média-Baixa Intensidade de P&D	Industrial
099	Support activities for other mining and quarrying	Média-Baixa Intensidade de P&D	Industrial
101	Processing and preserving of meat	Média-Baixa Intensidade de P&D	Industrial
102	Processing and preserving of fish, crustaceans and molluscs	Média-Baixa Intensidade de P&D	Industrial
103	Processing and preserving of fruit and vegetables	Média-Baixa Intensidade de P&D	Industrial
104	Manufacture of vegetable and animal oils and fats	Média-Baixa Intensidade de P&D	Industrial
105	Manufacture of dairy products	Média-Baixa Intensidade de P&D	Industrial
106	Manufacture of grain mill products, starches and starch products	Média-Baixa Intensidade de P&D	Industrial
107	Manufacture of other food products	Média-Baixa Intensidade de P&D	Industrial
108	Manufacture of prepared animal feeds	Média-Baixa Intensidade de P&D	Industrial
110	Manufacture of beverages	Média-Baixa Intensidade de P&D	Industrial
120	Manufacture of tobacco products	Média-Baixa Intensidade de P&D	Industrial
131	Spinning, weaving and finishing of textiles	Média-Baixa Intensidade de P&D	Industrial
139	Manufacture of other textiles	Média-Baixa Intensidade de P&D	Industrial
141	Manufacture of wearing apparel, except fur apparel	Média-Baixa Intensidade de P&D	Industrial

142	Manufacture of articles of fur	Média-Baixa Intensidade de P&D	Industrial
143	Manufacture of knitted and crocheted apparel	Média-Baixa Intensidade de P&D	Industrial
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	Média-Baixa Intensidade de P&D	Industrial
152	Manufacture of footwear	Média-Baixa Intensidade de P&D	Industrial
161	Sawmilling and planing of wood	Média-Baixa Intensidade de P&D	Industrial
162	Manufacture of products of wood, cork, straw and plaiting materials	Média-Baixa Intensidade de P&D	Industrial
170	Manufacture of paper and paper products	Média-Baixa Intensidade de P&D	Industrial
181	Printing and service activities related to printing	Média-Baixa Intensidade de P&D	Industrial
182	Reproduction of recorded media	Média-Baixa Intensidade de P&D	Industrial
191	Manufacture of coke oven products	Média-Baixa Intensidade de P&D	Industrial
192	Manufacture of refined petroleum products	Média-Baixa Intensidade de P&D	Industrial
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	Média-Alta Intensidade de P&D	Industrial
202	Manufacture of other chemical products	Média-Alta Intensidade de P&D	Industrial
203	Manufacture of man-made fibres	Média-Alta Intensidade de P&D	Industrial
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	Alta Intensidade de P&D	Industrial
221	Manufacture of rubber products	Média Intensidade de P&D	Industrial
222	Manufacture of plastics products	Média Intensidade de P&D	Industrial
231	Manufacture of glass and glass products	Média Intensidade de P&D	Industrial
239	Manufacture of non-metallic mineral products n.e.c.	Média Intensidade de P&D	Industrial
241	Manufacture of basic iron and steel	Média Intensidade de P&D	Industrial
242	Manufacture of basic precious and other non-ferrous metals	Média Intensidade de P&D	Industrial
243	Casting of metals	Média Intensidade de P&D	Industrial
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	Média-Baixa Intensidade de P&D	Industrial
252	Manufacture of weapons and ammunition	Média-Alta Intensidade de P&D	Industrial
259	Manufacture of other fabricated metal products; metalworking service activities	Média-Baixa Intensidade de P&D	Industrial
261	Manufacture of electronic components and boards	Alta Intensidade de P&D	Industrial
262	Manufacture of computers and peripheral equipment	Alta Intensidade de P&D	Industrial
263	Manufacture of communication equipment	Alta Intensidade de P&D	Industrial
264	Manufacture of consumer electronics	Alta Intensidade de P&D	Industrial
265	Manufacture of measuring, testing, navigating and control equipment; watches and clocks	Alta Intensidade de P&D	Industrial
266	Manufacture of irradiation, electromedical and electrotherapeutic equipment	Alta Intensidade de P&D	Industrial
267	Manufacture of optical instruments and photographic equipment	Alta Intensidade de P&D	Industrial
268	Manufacture of magnetic and optical media	Alta Intensidade de P&D	Industrial
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	Média-Alta Intensidade de P&D	Industrial
272	Manufacture of batteries and accumulators	Média-Alta Intensidade de P&D	Industrial
273	Manufacture of wiring and wiring devices	Média-Alta Intensidade de P&D	Industrial

274	Manufacture of electric lighting equipment	Média-Alta Intensidade de P&D	Industrial
275	Manufacture of domestic appliances	Média-Alta Intensidade de P&D	Industrial
279	Manufacture of other electrical equipment	Média-Alta Intensidade de P&D	Industrial
281	Manufacture of general-purpose machinery	Média-Alta Intensidade de P&D	Industrial
282	Manufacture of special-purpose machinery	Média-Alta Intensidade de P&D	Industrial
291	Manufacture of motor vehicles	Média-Alta Intensidade de P&D	Industrial
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	Média-Alta Intensidade de P&D	Industrial
293	Manufacture of parts and accessories for motor vehicles	Média-Alta Intensidade de P&D	Industrial
301	Building of ships and boats	Média Intensidade de P&D	Industrial
302	Manufacture of railway locomotives and rolling stock	Média-Alta Intensidade de P&D	Industrial
303	Manufacture of air and spacecraft and related machinery	Alta Intensidade de P&D	Industrial
304	Manufacture of military fighting vehicles	Média-Alta Intensidade de P&D	Industrial
309	Manufacture of transport equipment n.e.c.	Média-Alta Intensidade de P&D	Industrial
310	Manufacture of furniture	Média-Baixa Intensidade de P&D	Industrial
321	Manufacture of jewellery, bijouterie and related articles	Média Intensidade de P&D	Industrial
322	Manufacture of musical instruments	Média Intensidade de P&D	Industrial
323	Manufacture of sports goods	Média Intensidade de P&D	Industrial
324	Manufacture of games and toys	Média Intensidade de P&D	Industrial
325	Manufacture of medical and dental instruments and supplies	Média-Alta Intensidade de P&D	Industrial
329	Other manufacturing n.e.c.	Média Intensidade de P&D	Industrial
331	Repair of fabricated metal products, machinery and equipment	Média Intensidade de P&D	Industrial
332	Installation of industrial machinery and equipment	Média Intensidade de P&D	Industrial
351	Electric power generation, transmission and distribution	Baixa Intensidade de P&D	Industrial
352	Manufacture of gas; distribution of gaseous fuels through mains	Baixa Intensidade de P&D	Industrial
353	Steam and air conditioning supply	Baixa Intensidade de P&D	Industrial
360	Water collection, treatment and supply	Baixa Intensidade de P&D	Industrial
370	Sewerage	Baixa Intensidade de P&D	Industrial
381	Waste collection	Baixa Intensidade de P&D	Industrial
382	Waste treatment and disposal	Baixa Intensidade de P&D	Industrial
383	Materials recovery	Baixa Intensidade de P&D	Industrial
390	Remediation activities and other waste management services	Baixa Intensidade de P&D	Industrial
410	Construction of buildings	Baixa Intensidade de P&D	Industrial
421	Construction of roads and railways	Baixa Intensidade de P&D	Industrial
422	Construction of utility projects	Baixa Intensidade de P&D	Industrial
429	Construction of other civil engineering projects	Baixa Intensidade de P&D	Industrial
431	Demolition and site preparation	Baixa Intensidade de P&D	Industrial

432	Electrical, plumbing and other construction installation activities	Baixa Intensidade de P&D	Industrial
433	Building completion and finishing	Baixa Intensidade de P&D	Industrial
439	Other specialized construction activities	Baixa Intensidade de P&D	Industrial
451	Sale of motor vehicles	Baixa Intensidade de P&D	Industrial
452	Maintenance and repair of motor vehicles	Baixa Intensidade de P&D	Industrial
453	Sale of motor vehicle parts and accessories	Baixa Intensidade de P&D	Industrial
454	Sale, maintenance and repair of motorcycles and related parts and accessories	Baixa Intensidade de P&D	Industrial
461	Wholesale on a fee or contract basis	Baixa Intensidade de P&D	Industrial
462	Wholesale of agricultural raw materials and live animals	Baixa Intensidade de P&D	Industrial
463	Wholesale of food, beverages and tobacco	Baixa Intensidade de P&D	Industrial
464	Wholesale of household goods	Baixa Intensidade de P&D	Industrial
465	Wholesale of machinery, equipment and supplies	Baixa Intensidade de P&D	Industrial
466	Other specialized wholesale	Baixa Intensidade de P&D	Industrial
469	Non-specialized wholesale trade	Baixa Intensidade de P&D	Industrial
471	Retail sale in non-specialized stores	Baixa Intensidade de P&D	Industrial
472	Retail sale of food, beverages and tobacco in specialized stores	Baixa Intensidade de P&D	Industrial
473	Retail sale of automotive fuel in specialized stores	Baixa Intensidade de P&D	Industrial
474	Retail sale of information and communications equipment in specialized stores	Baixa Intensidade de P&D	Industrial
475	Retail sale of other household equipment in specialized stores	Baixa Intensidade de P&D	Industrial
476	Retail sale of cultural and recreation goods in specialized stores	Baixa Intensidade de P&D	Industrial
477	Retail sale of other goods in specialized stores	Baixa Intensidade de P&D	Industrial
478	Retail sale via stalls and markets	Baixa Intensidade de P&D	Industrial
479	Retail trade not in stores, stalls or markets	Baixa Intensidade de P&D	Industrial
491	Transport via railways	Baixa Intensidade de P&D	Industrial
492	Other land transport	Baixa Intensidade de P&D	Industrial
493	Transport via pipeline	Baixa Intensidade de P&D	Industrial
501	Sea and coastal water transport	Baixa Intensidade de P&D	Industrial
502	Inland water transport	Baixa Intensidade de P&D	Industrial
511	Passenger air transport	Baixa Intensidade de P&D	Industrial
512	Freight air transport	Baixa Intensidade de P&D	Industrial
521	Warehousing and storage	Baixa Intensidade de P&D	Industrial
522	Support activities for transportation	Baixa Intensidade de P&D	Industrial
531	Postal activities	Baixa Intensidade de P&D	Industrial
532	Courier activities	Baixa Intensidade de P&D	Industrial
551	Short term accommodation activities	Baixa Intensidade de P&D	Industrial
552	Camping grounds, recreational vehicle parks and trailer parks	Baixa Intensidade de P&D	Industrial

559	Other accommodation	Baixa Intensidade de P&D	Industrial
561	Restaurants and mobile food service activities	Baixa Intensidade de P&D	Industrial
562	Event catering and other food service activities	Baixa Intensidade de P&D	Industrial
563	Beverage serving activities	Baixa Intensidade de P&D	Industrial
581	Publishing of books, periodicals and other publishing activities	Média-Baixa Intensidade de P&D	Industrial
582	Software publishing	Alta Intensidade de P&D	Industrial
591	Motion picture, video and television programme activities	Baixa Intensidade de P&D	Industrial
592	Sound recording and music publishing activities	Baixa Intensidade de P&D	Industrial
601	Radio broadcasting	Baixa Intensidade de P&D	Industrial
602	Television programming and broadcasting activities	Baixa Intensidade de P&D	Industrial
611	Wired telecommunications activities	Média-Baixa Intensidade de P&D	Industrial
612	Wireless telecommunications activities	Média-Baixa Intensidade de P&D	Industrial
613	Satellite telecommunications activities	Média-Baixa Intensidade de P&D	Industrial
619	Other telecommunications activities	Média-Baixa Intensidade de P&D	Industrial
620	Computer programming, consultancy and related activities	Média-Alta Intensidade de P&D	Industrial
631	Data processing, hosting and related activities; web portals	Média-Alta Intensidade de P&D	Industrial
639	Other information service activities	Média-Alta Intensidade de P&D	Industrial
641	Monetary intermediation	Baixa Intensidade de P&D	Industrial
642	Activities of holding companies	Baixa Intensidade de P&D	Industrial
643	Trusts, funds and similar financial entities	Baixa Intensidade de P&D	Industrial
649	Other financial service activities, except insurance and pension funding activities	Baixa Intensidade de P&D	Industrial
651	Insurance	Baixa Intensidade de P&D	Industrial
652	Reinsurance	Baixa Intensidade de P&D	Industrial
653	Pension funding	Baixa Intensidade de P&D	Industrial
661	Activities auxiliary to financial service activities, except insurance and pension funding	Baixa Intensidade de P&D	Industrial
662	Activities auxiliary to insurance and pension funding	Baixa Intensidade de P&D	Industrial
663	Fund management activities	Baixa Intensidade de P&D	Industrial
681	Real estate activities with own or leased property	Baixa Intensidade de P&D	Industrial
682	Real estate activities on a fee or contract basis	Baixa Intensidade de P&D	Industrial
691	Legal activities	Média-Baixa Intensidade de P&D	Industrial
692	Accounting, bookkeeping and auditing activities; tax consultancy	Média-Baixa Intensidade de P&D	Industrial
701	Activities of head offices	Média-Baixa Intensidade de P&D	Industrial
702	Management consultancy activities	Média-Baixa Intensidade de P&D	Industrial
711	Architectural and engineering activities and related technical consultancy	Média-Baixa Intensidade de P&D	Industrial
712	Technical testing and analysis	Média-Baixa Intensidade de P&D	Industrial
721	Research and experimental development on natural sciences and engineering	Alta Intensidade de P&D	Industrial

722	Research and experimental development on social sciences and humanities	Alta Intensidade de P&D	Industrial
731	Advertising	Média-Baixa Intensidade de P&D	Industrial
732	Market research and public opinion polling	Média-Baixa Intensidade de P&D	Industrial
741	Specialized design activities	Média-Baixa Intensidade de P&D	Industrial
742	Photographic activities	Média-Baixa Intensidade de P&D	Industrial
749	Other professional, scientific and technical activities n.e.c.	Média-Baixa Intensidade de P&D	Industrial
750	Veterinary activities	Média-Baixa Intensidade de P&D	Industrial
771	Renting and leasing of motor vehicles	Baixa Intensidade de P&D	Industrial
772	Renting and leasing of personal and household goods	Baixa Intensidade de P&D	Industrial
773	Renting and leasing of other machinery, equipment and tangible goods	Baixa Intensidade de P&D	Industrial
774	Leasing of intellectual property and similar products, except copyrighted works	Baixa Intensidade de P&D	Industrial
781	Activities of employment placement agencies	Baixa Intensidade de P&D	Industrial
782	Temporary employment agency activities	Baixa Intensidade de P&D	Industrial
783	Other human resources provision	Baixa Intensidade de P&D	Industrial
791	Travel agency and tour operator activities	Baixa Intensidade de P&D	Industrial
799	Other reservation service and related activities	Baixa Intensidade de P&D	Industrial
801	Private security activities	Baixa Intensidade de P&D	Industrial
802	Security systems service activities	Baixa Intensidade de P&D	Industrial
803	Investigation activities	Baixa Intensidade de P&D	Industrial
811	Combined facilities support activities	Baixa Intensidade de P&D	Industrial
812	Cleaning activities	Baixa Intensidade de P&D	Industrial
813	Landscape care and maintenance service activities	Baixa Intensidade de P&D	Industrial
821	Office administrative and support activities	Baixa Intensidade de P&D	Industrial
822	Activities of call centres	Baixa Intensidade de P&D	Industrial
823	Organization of conventions and trade shows	Baixa Intensidade de P&D	Industrial
829	Business support service activities n.e.c.	Baixa Intensidade de P&D	Industrial
841	Administration of the State and the economic and social policy of the community	Não Classificado	Não Classificado
842	Provision of services to the community as a whole	Não Classificado	Não Classificado
843	Compulsory social security activities	Não Classificado	Não Classificado
851	Pre-primary and primary education	Não Classificado	Não Classificado
852	Secondary education	Não Classificado	Não Classificado
853	Higher education	Não Classificado	Não Classificado
854	Other education	Não Classificado	Não Classificado
855	Educational support activities	Não Classificado	Não Classificado
861	Hospital activities	Não Classificado	Não Classificado
862	Medical and dental practice activities	Não Classificado	Não Classificado

869	Other human health activities	Não Classificado	Não Classificado
871	Residential nursing care facilities	Não Classificado	Não Classificado
872	Residential care activities for mental retardation, mental health and substance abuse	Não Classificado	Não Classificado
873	Residential care activities for the elderly and disabled	Não Classificado	Não Classificado
879	Other residential care activities	Não Classificado	Não Classificado
881	Social work activities without accommodation for the elderly and disabled	Não Classificado	Não Classificado
889	Other social work activities without accommodation	Não Classificado	Não Classificado
900	Creative, arts and entertainment activities	Baixa Intensidade de P&D	Industrial
910	Libraries, archives, museums and other cultural activities	Baixa Intensidade de P&D	Industrial
920	Gambling and betting activities	Baixa Intensidade de P&D	Industrial
931	Sports activities	Baixa Intensidade de P&D	Industrial
932	Other amusement and recreation activities	Baixa Intensidade de P&D	Industrial
941	Activities of business, employers and professional membership organizations	Baixa Intensidade de P&D	Industrial
942	Activities of trade unions	Baixa Intensidade de P&D	Industrial
949	Activities of other membership organizations	Baixa Intensidade de P&D	Industrial
951	Repair of computers and communication equipment	Baixa Intensidade de P&D	Industrial
952	Repair of personal and household goods	Baixa Intensidade de P&D	Industrial
960	Other personal service activities	Baixa Intensidade de P&D	Industrial
970	Activities of households as employers of domestic personnel	Baixa Intensidade de P&D	Industrial
981	Undifferentiated goods-producing activities of private households for own use	Baixa Intensidade de P&D	Industrial
982	Undifferentiated service-producing activities of private households for own use	Baixa Intensidade de P&D	Industrial
990	Activities of extraterritorial organizations and bodies	Baixa Intensidade de P&D	Industrial