

To facilitate international comparisons, this data set uses a standard industry list based on ISIC Rev.4 and compatible with the European classification NACE Rev.2.

[United Nations classification ISIC Rev.4](#)

The economic activities are designed to provide enough detail to focus on R&D and/or knowledge-intensive activities while taking into consideration the availability of activity data across countries.

Also taken into account is (i) the list used for manufactures in the old ISIC Rev. 3 version of STAN; (ii) compatibility with other related OECD data sets such as Analytical database on Business Expenditures in Research and Development (ANBERD) and Input-Output Tables (IOTs); and (iii) the level of ISIC Rev.4 / NACE Rev.2 activity detail requested in the joint OECD/Eurostat National Accounts (SNA) official questionnaire.

[OECD taxonomy on economic activities based on R-D intensity](#)

iSTAN economic activities

Description	ISIC Rev.4		Description	ISIC Rev.4	
TOTAL	01-99	x			
Agriculture, hunting, forestry and fishing [A]	01-03	x	Wholesale and retail trade; Repair of motor vehicles and motorcycles; Transportation and storage; Accommodation and food service activities [G-I]	45-56	x
Agriculture, hunting and forestry	01-02	o	Wholesale and retail trade, repair of motor vehicles and motorcycles [G]	45-47	x
Crop and animal production, hunting and related service activities	01	o	...Wholesale and retail trade and repair of motor vehicles and motorcycles	45	o
Forestry and logging	02	o	...Wholesale trade, except of motor vehicles and motorcycles	46	o
Fishing and aquaculture	03	o	...Retail trade, except of motor vehicles and motorcycles	47	o
			Transportation and storage [H]	49-53	x
Industry including energy [B-E]	05-39	x	...Land transport and transport via pipelines	49	o
			...Water transport	50	o
Mining and quarrying [B]	05-09	x	...Air transport	51	o
Mining and quarrying of energy producing materials	05-06	o	...Warehousing and support activities for transportation	52	o
Mining and quarrying except energy producing materials	07-08	o	...Postal and courier activities	53	o
Mining support service activities	09	o	Accommodation and food service activities [I]	55-56	x
Manufacturing [C]	10-33	x	Information and communication [J]	58-63	x
Food products, beverages and tobacco [CA]	10-12	x	Publishing, audiovisual and broadcasting activities [JA]	58-60	x
...Food products and beverages	10-11	o	...Publishing activities	58	o
.....Food products	10	o	.....Publishing of books, periodicals and other publishing activities	581	o
.....Beverages	11	o	.....Software publishing	582	o
.....Tobacco products	12	o	...Audiovisual and broadcasting activities	59-60	o
Textiles, wearing apparel, leather and related products [CB]	13-15	x	Telecommunications [JB]	61	x
...Textiles and wearing apparel	13-14	o	IT and other information services [JC]	62-63	x
.....Textiles	13	o	...Computer programming, consultancy and related activities	62	o
.....Wearing apparel	14	o	...Information service activities	63	o
.....Leather and related products	15	o			
Wood and paper products, and printing [CC]	16-18	x	Financial and insurance activities [K]	64-66	x
...Wood and products of wood and cork, except furniture	16	o	Financial service activities, except insurance and pension funding	64	o
...Paper and paper products	17	o	Insurance, reinsurance and pension funding, except compulsory social security	65	o
...Printing and reproduction of recorded media	18	o	Activities auxiliary to financial service and insurance activities	66	o
Chemical, rubber, plastics, fuel products and other non-metallic mineral products	19-23				
...Coke and refined petroleum products [CD]	19	x	Real estate, renting and business activities [L-N]	68-82	
...Chemical and pharmaceutical products	20-21		Real estate activities [L]	68	x
.....Chemicals and chemical products [CE]	20	x			
.....Basic pharmaceutical products and pharmaceutical preparations [CF]	21	x	Professional, scientific and technical activities; administrative and support service activities [M-N]	69-82	x
...Rubber and plastics products, and other non-metallic mineral products [CG]	22-23	x	Professional, scientific and technical activities [M]	69-75	x
.....Rubber and plastics products	22	o	...Legal and accounting activities; activities of head offices; management consultancy activities; architecture and engineering activities; technical testing and analysis [MA]	69-71	x
.....Other non-metallic mineral products	23	o	.....Legal and accounting activities; activities of head offices; management consultancy	69-70	o
Basic metals and fabricated metal products, except machinery and equipment [CH]	24-25	x	.....Legal and accounting activities	69	o
...Basic metals	24	o	.....Activities of head offices; management consultancy activities	70	o
...Iron and steel	241+2431	o	.....Architectural and engineering activities; technical testing and analysis	71	o
...Non-ferrous metals	242+2432	o	...Scientific research and development [MB]	72	x
...Fabricated metal products, except machinery and equipment	25	o	...Advertising and market research; other professional, scientific and technical activities; veterinary activities [MC]	73-75	x
.....Manufacture of weapons and ammunition	252	o	.....Advertising and market research	73	o
.....Manufacture of other fabricated metal products; metalworking service activities	25X	o	.....Other professional, scientific and technical activities; veterinary activities	74-75	o
Machinery and equipment	26-28		.....Other professional, scientific and technical activities	74	o
...Electrical, electronic and optical equipment	26-27		.....Veterinary activities	75	o
.....Computer, electronic and optical products [CI]	26	x			
.....Electrical equipment [CJ]	27	x	Administrative and support service activities [N]	77-82	x
...Machinery and equipment n.e.c. [CK]	28	x	Rental and leasing activities	77	o
Transport equipment [CL]	29-30	x	Employment activities	78	o
...Motor vehicles, trailers and semi-trailers	29	o	Travel agency, tour operator, reservation service and related activities	79	o
...Other transport equipment	30	o	Security and investigation activities; services to buildings and landscape activities; office administrative, office support and other business support activities	80-82	o
.....Building of ships and boats	301	o			
.....Air and spacecraft and related machinery	303	o	Community, social and personal services [O-U]	84-99	
.....Military fighting vehicles	304	o	Public administration and defence; compulsory social security; education; human health and social work activities [O-Q]	84-88	x
.....Railroad equipment and transport equipment n.e.c.	302+309	o	Public administration and defence; compulsory social security [O]	84	x
Furniture, other manufacturing, repair and installation of machinery and equipment [CM]	31-33	x	Education [P]	85	x
...Furniture, other manufacturing	31-32	o	Human health and social work activities [Q]	86-88	x
.....Manufacture of medical and dental instruments and supplies	325	o	...Human health activities [QA]	86	x
...Repair and installation of machinery and equipment	33	o	...Residential care and social work activities [QB]	87-88	x
Electricity, gas and water supply; sewerage, waste management and remediation activities [D-E]	35-39		Arts, entertainment, repair of household goods and other services [R-U]	90-99	x
Electricity, gas, steam and air conditioning supply [D]	35	x	Arts, entertainment and recreation [R]	90-93	x
Water supply; sewerage, waste management and remediation activities [E]	36-39	x	...Creative, arts and entertainment activities; libraries, archives, museums and other cultural activities; gambling and betting activities	90-92	o
...Water collection, treatment and supply	36	o	...Sports activities and amusement and recreation activities	93	o
...Sewerage, waste collection, treatment and disposal activities; materials recovery; remediation activities and other waste management services	37-39	o	Other service activities [S]	94-96	x
			...Activities of membership organizations	94	o
Construction [F]	41-43	x	...Repair of computers and personal and household goods	95	o
			...Other personal service activities	96	o
			...Activities of households as employers; undifferentiated activities of households for own use [T]	97-98	x
			Activities of extraterritorial organizations and bodies [U]	99	x
High R&D intensive activities (2-digit definition)	21, 26, 72		Total services [G-U]	45-99	
Medium-high R&D intensive activities (2-digit definition)	20, 27, 28, 29-30, 58, 62-63		Business sector services [G-N]	45-82	
			Business sector services excluding Real estate [G-K, M-N]	45-66, 69-82	
High- and Medium-high R&D intensive activities (2-digit definition)	20-21, 26-28, 29-30, 58, 62-63, 72		Non-agriculture business sector excluding Real estate [B-K, M-N]	05-66, 69-82	
High R&D intensive activities (3-digit definition)	21, 26, 303, 582, 72				
Medium-high R&D intensive activities (3-digit definition)	20, 252, 27, 28, 29, 302, 304, 309, 325, 62-63				
High- and Medium-high R&D intensive activities (3-digit definition)	20-21, 252, 26-28, 29, 302, 303, 304, 309, 325, 582, 62-63, 72				
ICT manufacturing and service activities	26, 61, 62-63				
Energy-producing activities	05-06, 19, 35				

x: present in the SNA A*10, A*21 or A*38 lists; o: present in the SNA A*64 list