

# CLASSIFICATION AND CODING OF BRANCHES AND PRODUCTS

## A. NACE-CLIO (R 44)

Regrouping of the NACE-CLIO groups into branches for the input-output tables (44 branches and 7 sub-branches)

NACE-CLIO (R44) Branches	NACE-CLIO Groups	Description
		<b>Goods</b>
01	011 012 013 014 019 020 030	Agricultural, forestry and fishery products Vegetable products from agriculture and forests Wine Olive oil, unrefined Animal products from agriculture and hunting Agricultural products which are exclusively imported Forestry products Fishery products
03	111 112	Coal, lignite (brown coal) and briquettes Coal and coal briquettes Lignite (brown coal) and lignite briquettes
05	120	Products of coking
07	130 140	Crude petroleum, natural gas and petroleum products Crude petroleum, natural gas and bituminous shale Refined petroleum products
09	161 162 163 170	Electric power, gas, steam and water Electric power Gas (distributed by pipes) Steam, hot water, compressed air Water (collection, purification, distribution)
11	151 152	Production and processing of radioactive materials and ores Ores containing radioactive substances Production and processing of radioactive materials
13	211 212 221 222 223 224	Ferrous and non-ferrous ores and metals, other than radioactive Iron ore Non-ferrous metal ores (other than radioactive ores) Pig iron, crude steel, hot rolled and cold rolled sheets, coated metal sheets (ECSC products) Steel tubes Extruded and drawn metal, cold-rolled products, cold-formed steel parts and sections Non-ferrous metals

15		Non-metallic mineral products
	231	Gravel, stone, sand and clay
	232	Salts of potassium and of natural phosphates
	233	Rock-salt, marine salt
	239	Other minerals, peat
	241	Bricks and pottery products
	242	Cement, lime, plaster
	243	Building and construction materials made of concrete, cement or plaster
	244	Articles made of asbestos (except for articles made of asbestos-cement)
	245	Stones and other non-metallic mineral products
	246	Millstones and other abrasive products
	247	Glass (plate, hollow, technical, fibre glass)
	248	Ceramic products
17		Chemical products
	252	Petrochemical and carbochemical products
	253	Other basic chemical products
	255	Paints, varnishes and printing inks
	256	Other chemical products, mainly for industrial and agricultural purposes
	257	Pharmaceutical products
	258	Soaps, synthetic detergents, perfumes, cosmetics and toilet preparations
	259	Other chemical products mainly for household and office use
	260	Artificial and synthetic fibres
19		Metal products except machinery and transport equipment
	311	Foundry products
	312	Metal products which are forged, stamped, embossed or cut
	313	Products of secondary processing of metals
	314	Structural metal products
	315	Products of boilermaking
	316	Tools and finished metal articles, except electrical equipment
21		Agricultural and industrial machinery
	321	Agricultural machinery and tractors
	322	Machine tools for metal working, tools and equipment for machinery
	323	Textile machinery and accessories, sewing machines
	324	Machinery for the food and chemical industries; bottling, packaging, wrapping and related machinery; rubber artificial plastics working machinery
	325	Mining equipment, machinery and equipment for metallurgy, for the preparation of building materials, for building and construction, for mechanical handling and lifting
	326	Gears and other transmission equipment

23	327	Machinery for working wood, paper leather and footwear, laundering and dry-cleaning equipment
	328	Other machinery and mechanical equipment
		Office and data processing machines; precision and optical instruments
	330	Office and data processing machines
	371	Measuring, precision and control instruments
	372	Medico-surgical equipment, orthopaedic appliances
	373	Optical instruments and photographic equipment
25	374	Clocks and watches
		Electrical goods
	341	Insulated wires and cables
	342	Electric motors, generators, transformers, switches, etc.
	343	Electrical equipment for industrial use, batteries and accumulators
	344	Telecommunications equipment, meters and measuring equipment, electro-medical equipment
	345	Electronic equipment, radio and television receiving sets, sound reproducing and recording equipment, gramophone records and prerecorded tapes
27	346	Electric household appliances
	347	Electric lamps and other forms of electric lighting
		Motor vehicles
	351	Motor vehicles and engines
	352	Bodywork, trailers and caravans
29	353	Spare parts and accessories for motor vehicles
		Other transport equipment
	361	Boats, steamers, warships, tugs, floating platforms and rigs, materials from the breaking up of boats
	362	Locomotives, other railway and tramway rolling-stock, vans and wagons
	363	Cycles, motorcycles, invalid carriages
	364	Aircraft, helicopters, hovercraft, missiles, space vehicles and other aeronautical equipment
	365	Perambulators, invalid chairs, carts, etc.
31	412	Meats, meat preparations and preserves, other products from slaughtered animals
33	413	Milk and dairy products
35		Other food products
	411	Vegetable and animal oils and fats
	414	Fruit and vegetable preserves and juices
	415	Fish preserves and other sea food for human consumption
	416	Cereals, flour and flakes
	417	Food pastes
	418	Starch and starch products

37	419	Bread, rusks, biscuits, cakes and pastries
	420	Sugar
	421	Cocoa, chocolate, sweets, ice-creams
	422	Animal and poultry feedingstuffs
	423	Other food products
		Beverages
	424	Ethyl alcohol from fermented vegetable products and products based on it
	425	Champagne, sparkling wines, wine-based aperitifs
	426	Cider, perry, mead
	427	Malt, beers, brewers' yeast
	428	Mineral waters, soft drinks
39	429	Tobacco products
41		Textiles and clothing
	431*	Processed textile fibres, products of spinning, thread-making, balling
	432*	Woven and velvet materials
	436	Products of the hosiery trade
	438	Carpets, carpeting, oilcloth, linoleum and other coated fabrics
	439	Other textile products
	453*	Ready-made clothes and clothing accessories
	455	Household linen, bedding, curtains, wall coverings and awnings, sails, flags, bags
	456	Articles of fur
43		Leathers, leather and skin goods, footwear
	441	Leathers, skins, hides tanned or otherwise processed
	442	Leather and skin goods
	451*	Footwear, slippers made wholly or partly of leather
45		Timber, wooden products and furniture
	461	Sawn, planed, seasoned, steamed wood
	462	Veneered and ply wood, fibre board and particle board, improved and preserved wood
	463	Carpentry, wooden buildings, joinery, parquet flooring
	464	Wooden containers
	465	Wooden articles (other than furniture), sawdust and shavings
	466	Articles of cork, straw, basketware (other than furniture), brooms, brushes
	467	Furniture of wood and cane, mattresses
47		Paper and printing products
	471	Wood pulp, paper, board
	472	Products of pulp, paper and board
	473	Products of printing
	474	Products of publishing

49		Rubber and plastic products
	481	Rubber products
	482	Re-treaded tyres
	483	Plastic products
51		Other manufacturing products
	491	Precious and costume jewellery, goldsmiths' and silversmiths' products; working of precious and semi-precious stones; diamond cutting and polishing; striking of coins and medals
	492	Musical instruments
	493	Products for printing and developing cinematographic and photographic films
	494	Games, toys, sports goods
	495	Fountain pens and ballpoint pens, seals, other products n.e.c.
53		Building and construction
	505	Construction of dwellings
	506	Non-residential buildings
	507	Civil engineering works
	509	Demolition of buildings
		<b>Market services</b>
55		Recovery and repair services
	620	Scrap metals, waste paper, rags, salvage, other products from recovery and demolition
	671	Repair of motor vehicles and bicycles
	672*	Repair of footwear and leather articles, electrical household goods, watches and clocks, jewellery
57		Wholesale and retail trade
	610	Wholesale trade
	630	Services of commercial intermediaries
	640	Retail trade
59	660	Lodging and catering services
61		Inland transport services
	710	Railway transport services and associated services
	721	Local transport services, including underground, railways, tramways and regular bus services
	722	Long distance road transport services for passengers
	723	Long distance road transport services for merchandise
	724	Services of transport by pipelines
	725	Land-borne transport services n.e.c. (funicular railways, cable cars, chairlifts)
	730	Inland waterways services
63		Maritime and air transport services
	741	Maritime transport services

	742	Coastal transport services
	750	Air transport services
65		Auxiliary transport services
	761	Services associated with land transport other than railways
	762	Services associated with inland waterways
	763	Services associated with maritime and coastal transport
	764	Services associated with air transport
	771	Services of travel agencies
	772	Services of transport intermediaries
	773	Warehouse and storage services
67	790	Communication services
69		Services of credit and insurance institutions
	811	Services of central banking authorities
	812	Services of other monetary institutions
	813	Services of other credit institutions
	820	Services of insurance
71		Business services provided to enterprises
	830	Services of financial and insurance auxiliaries; real estate; services of lawyers, accountants, tax advisers, management consultants; publicity services; computer and data processing services
	840	Services of renting of movable goods without accompanying personnel
73	850	Services of renting of immovable goods
75		Market services of education and research
	93 C	Market services of education
	94 C	Market services of research and development
77	95 C	Market services of health
79		Recreational and cultural services, personal services, other market services n.e.c.
	92 C	Market services of refuse disposal, sanitation and cleaning
	96 C	Market services of hostels, professional, economic and employers' associations
	97 C	Market recreational and cultural services
	981	Laundries, dry cleaners and similar services
	982	Hairdressing and beauty salons services
	983	Photographic studios services
	984	Other personal services n.e.c. (funeral services, matrimonial agencies, fortune telling, etc.)

		<b>Non-market services</b>
81	91	General public services
	92 A	General public services of national defence, of compulsory social security
	96 A	Non-market services of refuse disposal, sanitation, cemeteries, provided by general government
	97 A	Non-market services of social welfare, hostels, tourist offices, employers' and professional associations, economic organizations provided by general government
85		Non-market services of recreational and cultural activities provided by general government (entertainments, sports grounds and clubs, libraries, public archives, museums, botanical and zoological gardens)
	93 A, B	Non-market services of education and research provided by general government and private non-profit institutions
	94 A, B	Non-market services of education provided by general government and private non-profit institutions
		Non-market services of research and development provided by general government and private non-profit institutions
89	95 A, B	Non-market services of health provided by general government and private non-profit institutions
93	96 B	Domestic services and other non-market services n.e.c. Non-market services of social welfare, hostels, tourist offices, trade unions, employers' associations, religious organizations and learned societies, political parties, consumers' and civic organizations etc., provided by private non-profit institutions
	97 B	Non-market services of recreational and cultural activities (entertainments, sports grounds and clubs, libraries, public archives, museums) provided by private non-profit institutions
	99	Domestic services

The rows of the input-output table include the following sub-branches:

NACE-CLIO (R 44) Sub-branches	NACE-CLIO Groups	Description
09.1	161, 163	Electric power, steam, hot water, compressed air
09.3	162	Gas (distributed by pipes)
09.5	170	Water
13.1	211, 221, 222, 223	Ferrous metals and minerals
13.3	212, 224	Non-ferrous metals and minerals
63.1	741, 742	Maritime transport and coastal services
63.3	750	Air transport services

\* The coverage of these headings is different from the corresponding headings of the version of the NACE used in collecting statistics.

## B. NACE-CLIO (R 25) and (R 6)

Regrouping of the 44 NACE-CLIO branches into 25 branches and 6 branches

NACE CLIO Code R 6		NACE CLIO Code R 25	NACE-CLIO (R 44)
01	Agricultural, forestry and fishery products	01	01
06	Fuel and power products	06	03 + 05 + 07 + 09 + 11
30	Manufactured products		
	Ferrous and non-ferrous ores and metals, other than radio-active	13	13
	Non-metallic minerals and mineral products	15	15
	Chemical products	17	17
	Metal products, except machinery and transport equipment	19	19
	Agricultural and industrial machinery	21	21
	Office and data processing machines, precision and optical instruments	23	23
	Electrical goods	25	25
	Transport equipment	28	27 + 29
	Food, beverages, tobacco	36	31 + 33 + 35 + 37 + 39
	Textiles and clothing, leather and footwear	42	41 + 43
	Paper and printing products	47	47
	Rubber and plastic products	49	49
	Other manufactured products	48	45 + 51
53	Building and construction	53	53
68	Market services		
	Recovery and repair services, wholesale and retail trade services	56	55 + 57
	Lodging and catering services	59	59
	Inland transport services	61	61
	Maritime and air transport services	63	63
	Auxiliary transport services	65	65
	Communication services	67	67
	Services of credit and insurance institutions	69 A	69 A
	Other market services	74	71 + 73 + 75 + 77 + 79
86	Non-market services	86	81 + 85 + 89 + 93



### C. NACE-CLIO (RI 26) and (RI 7)

Regrouping of the NACE-CLIO groups into 26 and 7 branches  
producing fixed capital goods (products)

Code NACE CLIO RI 7	Code NACE CLIO RI 26	Description	NACE-CLIO groups
01	01	Agricultural, forestry and fishery products	011, 012, 013, 014, 019, 020, 030
20		Metal products and machinery	
	19.1	Foundry products, structural metal products, products of boilermaking	311, 312, 313, 314, 315
	19.3	Tools and finished metal goods, except electrical goods	316
	21.1	Agricultural machinery and tractors	321
	21.3	Machine tools for metal working, tools and equipment for machinery	322
	21.5	Textile machinery and accessories, sewing machines	323
	21.7	Machinery for the food and chemical industries; bottling, packaging, wrapping and related machinery, rubber and artificial plastics working machinery	324
	21.9	Machinery for working wood, paper, leather and footwear, laundering and dry-cleaning equipment	327
	21.11	Machinery and equipment for mining, for metallurgy, for building and construction, for mechanical< handling and lifting	325, 326
	21.13	Other machinery and mechanical equipment	328
	23.1	Office and data processing machines	330
	23.3	Precision instruments	371, 372, 374
	23.5	Optical instruments and photographic equipment	373
	25.1	Electrical equipment	341, 342, 343
	25.3	Telecommunications equipment, meters and measuring equipment, electronic equipment	344, 345
	25.5	Electric household appliances and electric lighting	346, 347
28		Transport equipment	
	27	Motor vehicles and engines	351, 352, 353
	29.1	Boats, steamers, warships, tugs, floating platforms and rigs, materials from the breaking up of boats	361
	29.3	Locomotives, other railway and tramway rolling-stock, vans and wagons	362
	29.5	Aircraft, helicopters, hovercraft, missiles, space vehicles and other aeronautical equipment	364

	29.7	Other transport equipment	363, 365
53.1	53.1	Dwellings	505
53.3	53.3	Non-residential buildings	506
53.5	53.5	Civil engineering works	507
84	84	Other products	remaining groups NACE- CLIO