

IMPERIAL ETHIOPIAN GOVERNMENT  
CENTRAL STATISTICAL OFFICE

# CLASSIFICATION OF ECONOMIC ACTIVITIES IN ETHIOPIA

ADDIS ABABA, MAY 1969

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STATISTICAL MANUAL

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## INTRODUCTION

1. The need for a special Classification of Economic activities for Ethiopia is very great. The rapid development of economic activity and its diversity on one side, and the increase in collecting, processing and analysing of statistical data for the purpose of planning and economic policy on the other side justify such need. Proper description and analysis of structure, trends and relationships of economic activity can not be done unless the data from different sources are classified on a comparable base. The data on the output and costs, of production, prices, employment and labour force, wages and salaries, capital assets, investment etc. may be used, compared and related one with the other only if they are classified according to kind of economic activity.

2. In order to attain such purposes the Central Statistical Office, in co-operation with concerned Ministries and other institutions, has prepared appropriate Classification of Economic Activities for Ethiopia, which should serve as the standard classification to be used in Ethiopia.

3. The scheme used in this Classification is based on the basic principles and definitions used in the International Standard Classification of all Economic Activity (ISIC) proposed by the United Nations, taking into account as well the present conditions in Ethiopia and the possibilities of the development of some activities in the near future. Prepared in this way it will be feasible where necessary to re-arrange the national classification for the international comparison of national statistics.

4. The economy is divided in 9 divisions, in terms of the character and use of the goods and services produced and the correlated inputs, resources and technology. These are adequate for the purpose of general analysis. Because it will be necessary to classify some series of data in greater detail, the Classification consists of a number of intermediate levels, ranging in details of classification from divisions and the major groups to groups.

5. The activities are classified in to categories in respect of the class of goods and services produced, the uses to which these items are put, and the intermediate and primary inputs and the technology of production. The degree of similarity in these characteristics between activities vary with the level of the classification in which category they appear.

6. The basic criteria used in constructing the Classification is intended to ensure that the units falling into each group of the classification should be similar. The group contains the units which produce most of the class of goods and services which characterizes it.

7. The Classification is designed for classifying economic units (establishments) by kind of activity. It is not either classification of goods and services, or a classification of occupation.

8. Establishment or other economic units should be classified according to their major kind of activity, based mainly on the principal class of goods produced or services rendered. Thus, each category will not only contain establishments producing different items of the same class of goods or services, but may also include establishments engaged in secondary kinds of activity in addition to the kind of activities belonging to the category.

9. Major kind of activity, or class of activities, should be determined by the proportion of the gross output of the unit attributable to the products or services associated with these

activities. Where it is not clear, the major activities should be ascertained from the proportion of employment in these activities. In the cases where significant proportions of activities of an establishment are included in more than one individual group of classification, the establishments should be classified in the group which covers the goods or services which account for the preponderant part of its gross output.

An establishment is the combination of activities and resources directed by a single owner or controlling entity toward the production of the most homogeneous group of goods and services, often at one location but sometimes spread over a wider area, for which separate records are available. Most enterprises consist of one establishment, but there are enterprises made up of two or more activities. Therefore for obtaining more homogeneous groups, it is preferable to classify establishment than enterprise.

In the case of kinds of economic activity such as production and distribution of electricity and gas, construction, transportation and communication, a single legal entity (establishment) carry the same kind of activity over a wide geographical area, and usually do not keep records on the output of, and the inputs apportioned to the areas. In these instances the classification unit to be used is the enterprise as a whole, but not establishments.

In instances where establishments or other economic units have ancillary units which are carried on for the benefit of a single unit, these ancillary activities should be included as an integral part of the activities and resources of the parent unit, and should be classified to the same category as the major unit which it serves. But if such units are doing work which are part of fixed capital formation, or in addition to producing goods or services for the use of their parent unit sell a significant portion of the product or service to others, or produce goods which become an integral part of the output of the parent unit (e.g. making boxes, tin cans or like) -such units, if separate data are available, should be treated as separate establishments and classified as to their own activity.

10. All notations in the Classification of Economic Activities are in the terms of arabic number. The numbers used to identify the division, major groups and groups are arranged in decimal system. This meet the requirements of offices using data processing equipment, and at the same time provides a means whereby the Classification may be indefinitely expanded without changes in the basic system of divisions, major groups and groups. The hierarchy of categories consists of divisions (one-digit codes), major groups (three-digit codes) and groups (five digit codes). The number assigned to a given group of the Classification may be read as follows: the first digit identifies the division in which group is included; the first three digits identify the major group, and all five digits indicate the group itself. In cases where given major groups are not divided into groups, the code is given only in the three digits. If the Classification is to be used in great detail, that is to say in five digits form, then two zeros "00" should be added after these digits.

I. LIST OF SECTORS AND BRANCHES

DIVISION 1. AGRICULTURE, FORESTRY, HUNTING  
AND FISHING

111 AGRICULTURE

- 111-10 Agricultural production
  - 111-11 Crop production
  - 111-12 Orchards
  - 111-13 Vineyards
  - 111-14 Stimulants plantation
  - 111-15 Other trees plantations
- 111-20 Livestock production
- 111-30 Agricultural services

112 FORESTRY

- 112-01 Forest cultivation and conservation
- 112-02 Forest exploitation

113 FISHING AND HUNTING

- 113-01 Seafishing
- 113-02 Inland water fishing
- 113-03 Hunting, trapping, wildlife parks and game reserves

DIVISION 2. MINING AND QUARRYING

211 CARBONS AND HYDROCARBONS PRODUCTION

- 211-01 Crude petroleum production
- 211-02 Exploration for crude petroleum
- 211-03 Natural gas production
- 211-04 Coal production

212 PRECIOUS METALS MINING

- 212-01 Extraction of gold
- 212-02 Extraction of platinum group
- 212-03 Extraction of silver
- 212-04 Extraction of precious stones

213 FERROUS AND NON-FERROUS METAL MINING

- 213-01 Iron ore mining
- 213-02 Copper ore mining
- 213-03 Lead ore mining
- 213-04 Nickel ore mining

- 213-05 Zinc ore mining
- 213-06 Aluminium ore mining
- 213-07 Chromium ore mining
- 213-08 Manganese ore mining

214 CHEMICAL AND FERTILIZER MINERAL MINING

- 214-01 Mining of potash
- 214-02 Mining of sulphur
- 214-03 Mining of gypsum
- 214-04 Mining of barytes

215 SALT MINING

- 215-01 Extraction and quarrying of rock salt
- 215-02 Extraction of sea salt
- 215-03 Extraction of salt by other means

216 QUARRYING

- 216-01 Stone quarrying, clay and sand pits
- 216-02 Limestone quarrying
- 216-03 Marble quarrying
- 216-04 Feldspar quarrying
- 216-05 Quartz quarrying
- 216-06 Other non-metallic minerals not elsewhere specified

218 OTHER MINING

DIVISION 3. MANUFACTURING

311 FOOD INDUSTRY

- 311-01 Slaughtering, preparation, canning and preserving of meat
- 311-02 Dairy products
- 311-03 Canning and preserving of fruits and vegetables
- 311-04 Processing of fish and other sea foods
- 311-05 Vegetable and animal oils and fats
- 311-06 Grain mill products
- 311-07 Bakery products
- 311-08 Coffee peeling mills
- 311-09 Sugar, raw and refined

311-10 Manufacture of cocoa, chocolate and sugar confectionery

311-11 Other non-specified food products

312 BEVERAGE INDUSTRY

312-11 Distilling, rectifying and blending of spirits

312-12 Wine industries

312-13 Beer

311-14 Tej and other local drinks

312-15 Soft drinks and carbonated water industries

313 TOBACCO MANUFACTURING

313-01 Preparing raw-leaf tobacco for manufacturing

313-02 Tobacco products manufacturing

314 MANUFACTURE OF TEXTILE

314-01 Spinning, weaving and finishing of textiles

314-02 Knitting mills

314-03 Carpets and rugs

314-04 Cordage, rope and twine

314-05 Manufacture of wearing apparel (except footwear)

314-06 Made-up textile goods (except wearing apparel)

314-07 Manufacture of textiles not elsewhere classified

315 MANUFACTURE OF LEATHER AND FUR

315-01 Tanneries and leather products

315-02 Manufacture of footwear except vulcanized or moulded rubber or plastic foot wear

315-03 Other leather products, except foot-wear and other wearing apparel

315-04 Manufacture of fur and fur products

316 MANUFACTURE OF WOOD AND CORK PRODUCTS

316-01 Sawmills, planing and other wood mills

316-02 Wood and cork products (except furniture)

316-03 Manufacture of furniture and fixture, except primarily of metal

- 317 PAPER AND PAPER PRODUCTS
  - 317-01 Pulp, paper and paperboard
  - 317-02 Containers and boxes of paper and paper board
  - 317-03 Other pulp, paper and paper board products not elsewhere classified
  
- 318 PRINTING AND PUBLISHING
  - 318-01 Printing, lithographing and publishing
  
- 319 RUBBER, CHEMICAL, PLASTIC, AND PETROLEUM PRODUCTS
  - 319-01 Manufacture of rubber products
  - 319-02 Basic industrial chemicals including fertilizers
  - 319-03 Synthetic resins, plastic materials, and synthetic and other man-made fibres except glass
  - 319-04 Paints, varnishes and lacquers
  - 319-05 Drugs and medicines
  - 319-06 Miscellaneous chemical products
  - 319-07 Plastic products not elsewhere classified
  - 319-08 Petroleum refineries
  - 319-09 Miscellaneous products of petroleum
  
- 320 NON-METALLIC MINERAL PRODUCTS
  - 320-01 Manufacture of glass and glass products
  - 320-02 Manufacture of pottery, china and earthenware
  - 320-03 Structural clay products
  - 320-04 Cement
  - 320-05 Non-metallic products not elsewhere classified
  
- 321 BASIC METAL INDUSTRIES
  - 321-01 Iron and steel basic industries
  - 321-02 Non-ferrous metal basic industries

- 322 FABRICATED METAL PRODUCTS, MACHINERY AND EQUIPMENT
  - 322-01 Cutlery, hand tools and general hardware
  - 322-02 Metal furniture and fixtures
  - 322-03 Fabricated metal products, except machinery and equipment, not elsewhere classified
  - 322-04 Machinery and equipment except electrical
  - 322-05 Manufacture of electrical machinery, apparatus, appliances and supplies
  - 322-06 Manufacture of transport equipment
  - 322-07 Repair of motor vehicles
  
- 323 MANUFACTURING INDUSTRIES NOT ELSEWHERE CLASSIFIED
  - 323-01 Manufacture of products not elsewhere classified
  
- 324 HANDICRAFT (AND COTTAGE INDUSTRIES)
  - 324-10 Manufacture of food and beverages
    - 324-11 Meat and meat products
    - 324-12 Milk products
    - 324-13 Flour mills
    - 324-14 Edible oil mills or presses
    - 324-15 Distilleries of Katikala and home beverages
  
  - 324-20 Manufacture of textiles
    - 324-21 Spinning and weaveing of Shama-cloth
    - 324-22 Carpets and rugs
    - 324-23 Tailoring and ready-made garments
    - 324-24 Others
  
  - 324-30 Manufacture of leather products
    - 324-31 Shoes and footwear
    - 324-32 Others
  
  - 324-40 Manufacture of wood products
    - 324-41 Timber
    - 324-42 Furniture
    - 324-43 Others

- 324-50 Manufacture of paper products
- 324-60 Manufactur of rubber, plastic, petrochemical and chemical products
  - 324-61 Moulded and vulcanized ruber products (shoe soles, heels, tyre retreading and other)
  - 324-62 Plasic products (toys and other utility articles)
  - 324-63 Petrochemical products
  - 324-64 Chemical products (paints, varnishes, soap, etc.)
- 324-70 Manufacture of non-metallic products
  - 324-71 Glass and glass product
  - 324-72 Bricks
  - 324-73 Cement and asbestos products
  - 324-74 Ceramic product
  - 324-75 Pottery
  - 324-76 Other
- 324-80 Manufacture of metal products and electrical items
  - 324-81 Black smiths
  - 324-82 Gold and silver smith
  - 324-83 Electrical items
  - 324-84 Others
- 324-90 Manufacture of other products not elsewhere classified under handicraft (and cottage industres)

DIVISION 4. ELECTRICITY, GAS AND WATER

- 411 ELECTRIC, LIGHT AND POWER
- 412 GAS MANUFACTURE AND DISTRIBUTION
- 413 WATER WORKS AND SUPPLY

DIVISION 5. CONSTRUCTION

- 511 CONSTRUCTIONAL DESIGNING AND CONSULTING
- 512 BUILDING AND CONSTRUCTION
- 513 INSTALLATION
- 514 OTHER CONSTRUCTIONAL ACTIVITIES NOT ELSEWHERE CLASSIFIED

DIVISION 6. WHOLESALE AND RETAIL TRADE, CATERING  
AND TOURISM

611 WHOLE SALE TRADE

- 611-11 Foodgrains
- 611-12 Food, beverages and tobacco (excluding foodgrains)
- 611-13 Live animals and animal skins and hides
- 611-14 Textile products
- 611-15 Machinery and equipment
- 611-16 Motor vehicles and parts
- 611-17 Hardware and electrical goods
- 611-18 Furniture and home furnishings
- 611-19 Drugs and toilet preparations
- 611-20 Petroleum products
- 611-21 Lumber and construction materials
- 611-22 Storage and warehousing
- 611-23 Brokers, commission merchants and agents
- 611-24 Mixed commodities
- 611-25 Other

612 RETAIL TRADE

- 612-10 Retail of food products
  - 612-11 Meat and meat products
  - 612-12 Fruit and vegetables
  - 612-13 Milk and milk products
  - 612-14 Beverage (alcoholic and soft drinks)
  - 612-15 Other food products not elsewhere classified
- 612-20 Retail of other than food products
  - 612-21 Textile and made-up textile goods
  - 612-22 Leather and shoes
  - 612-23 Wood products (except furniture)
  - 612-24 Furniture
  - 612-25 Paper and paper goods
  - 612-26 Petrol station
  - 612-27 Pharmacy, drug stores
  - 612-28 Metal products
  - 612-29 Electric appliances
  - 612-30 Automobile and automobile parts

612-31 Household articles other than furniture

612-32 Other non-food products

612-30 Variety shops

612-31 Department and general stores

612-32 Kiosk

613 CATRING

613-01 Restaurants

613-02 Cafe's, taverns and other drinking places

613-03 Other eating places

613-04 Hotels

613-05 Rooming houses

613-06 Camps and other lodging places

614 TOURISM

614-01 Tourist agencies and services

DIVISION 7. TRANSPORT AND COMMUNICATION

711 LAND TRANSPORT

711-01 Railway transport

711-02 Urban, suburban and interurban passenger transportation

711-03 Other passenger land transportation

711-04 Motor freight transportation

712 WATER TRANSPORT

713 AIR TRANSPORT

714 SERVICES INDENTICAL TO TRANSPORT

715 COMMUNICATION

DIVISION 8. FINANCE, INSURANCE, REAL ESTATE  
AND BUSINESS SERVICES

811 BANKS AND SAVING AND CREDIT INSTITUTION

812 INSURANCE

813 REAL ESTATE

814 BUSINESS SERVICES

- 814-01 Legal services
- 814-02 Accounting, auditing and book-keeping services
- 814-03 Engineering and technical services
- 814-04 Other services

DIVISION 9. COMMUNITY SOCIAL AND PERSONAL  
SERVICES

- 911 PUBLIC ADMINISTRATION AND DEFENSE
- 912 EDUCATIONAL SERVICES
  - 912-01 Primary Schools
  - 912-02 Secondary schools
  - 912-03 Colleges
  - 912-04 Universities
  - 912-05 Vocational schools
  - 912-06 Other schools
- 913 RESEARCH AND SCIENTIFIC INSTITUTION
- 914 MEDICAL AND OTHER HEALTH SERVICES
  - 914-01 Hospitals
  - 914-02 Clinics
  - 914-03 Other services
- 915 WELFARE INSTITUTION AND CHARITABLE ORGANIZATION
- 916 BUSINESS, PROFESSIONAL AND LABOUR ORGANIZATION
- 917 OTHER SOCIAL AND COMMUNITY SERVICES
  - 917-01 Religious organization
  - 917-02 Other organization (political, civil, etc.)
- 918 RECREATIONAL AND CULTURAL SERVICES
  - 918-01 Motion picture production, distribution and projection
  - 918-02 Radio and television broadcasting
  - 918-03 Theatrical producers and entertainment services
  - 918-04 Libraries

- 918-05 Museums
- 918-06 Botanical and zoological gardens
- 918-07 Other recreational services not elsewhere classified

919 PERSONAL SERVICES

- 919-01 Laundries and cleaning and dyeing plants
- 919-02 Barber and beauty shops
- 919-03 Photographic studios
- 919-04 Domestic services
- 919-05 Other personal services not elsewhere classified

PART II  
DESCRIPTION OF ACTIVITY  
DIVISION 1. AGRICULTURE, HUNTING AND  
FISHING

111 AGRICULTURE

111-11 Crop production

Growing of cereals, oilseeds, pulses, vegetables, starchy-root-plants, fibre plants, sugar cane, flowers

111-12 Orchards

Growing of fruits, nuts, fruit-nurseries

111-13 Vineyards

Production of grape and vine seedlings

111-14 Stimulants plantations

Growing of coffee, chat, tea, spices (perennial plants only)

111-15 Other trees plantations

Growing of rubber, pil palms, etc.

Processing of agricultural products is included in this group if the production of agricultural products and processing activity cannot be separately reported.

111-20 Livestock production

Raising of livestock, poultry, rabbits, bees, fur-bearing or other animals, the production of milk, wool fur, honey and beeswax.

111-30 Agricultural services

Agricultural, animal husbandry and horti-cultural services on a fee or contract basis, such as plowing, soil cultivation, harvesting baling threshing, husking and shelling; animal shearing, pest destroying and spraying; pruning; picking and packing of fruits and vegetables; veterinary services, animal hospitals and care centres; and operation of irrigation systems, soil and water conservation.

122 FORESTRY

112-01 Forest cultivation and conservation

The operation of timber trucks; planting, replanting and conservation of forests; seedlings and seed production.

112-02 Forest exploitation

Cuting of forest trees for commercial purposes; gathering of uncultivated material; concentrating and distiling of sap oils and charcoal burning when carried on in the forest.

113 FISHING AND HUNTING

113-01 Seafishing

Commercial fishing in ocean, coastal and off-shore waters catching and gathering of other uncultivated animal and plant life.

113-02 Inland water fishing

Commercial catching, taking and gathering fish and other unreaired, uncultivated animal and plant life in inland waters.

113-03 Hunting, trapping, wildlife parks and game reserves.

Commercial hunting and trapping; and game propagation for commercial purpose not connected with sport.

DIVISION 2. MINING AND QUARRING

Mining includes the extraction of minerals occuring naturally: solids, such as coal and gases, such as natural gas. Mining includes underground and surface mines, quarries and wells and all supplemental operations as crushing screening, working, floatation, melting, pelleting and other preparations needed to render material marketable. Excluded from this division are services performed in the development and preparation of mineral

properties and sites (Division 5, Construction) or prospecting for minerals (group 814-13, Engineering and technical services), the purification and distribution of water (group 413, Waters work and supply)., and crushing grinding or otherwise treating certain earths, rocks and mineral not in conjunction with mining and quarrying activities (group 319-05. Non-metallic products not elsewhere specified).

## 211 CARBONS AND HYDROCARBONS PRODUCTION

### 211-01 Crude petroleum production

All activities for making oil marketable up to the point of shipment from the producing property. Recovery of liquified petroleum gases incident to petroleum refining or to the manufacturing of chemicals is classified in group 318-02. Basic industrial chemicals. The independent operation of pipe lines is classified in group 714 Services indential to transport.

### 211-02 Exploration for crude petroleum

Drilling, completing and equipping wells when carried on by crude oil producers

### 211-03 Natural gas production

All activities for making natural gas up to the point of shipment from the producing property.

### 211-04 Coal production

All activities in coal crushing, cleaning, screening and sizing.

## 212 PRECIOUS METALS MINING

212-01 to 212-30 Mines engaged in extraction of precious metals like gold, platinum, silver and precious stones, and in beneficiating or otherwise preparing such ores.

213 FERROUS AND NON-FERROUS METAL MINING

213-01 to 213-08 Mines engaged in extraction of iron, copper, lead, nickel, zinc, aluminium, chrom and manganese ores, and in beneficiating or otherwise preparing such ores.

214 CHEMICAL AND FERTILIZER MINERAL MINING

241-01 to 214-04 The mining and quarrying of natural potash, sulphur, gypsum and barytes.

215 SALT MINING

215-01 and 215-02 Quarrying rock salt and evaporating salts in salting pans, including crushing, screening and refining. The refining of salt for edible purpose in establishment not engaged in extraction or quarrying of salt is classified in sub group 311-10 other non-specified food products.

216 QUARRYING

216-01 to 216-06 The mining and quarrying of such materials as building and monumental stone, ceramic, refractory and other clay, and all sand limestone, marble, feldspar, quartz, asbestos, natural abrasives other than sand, graphite, bitumen, peat, and other non-metallic minerals, not elsewhere classified. The milling or pulverizing, grinding, etc. stone, gravel, clay or sand is classified in groups 315-Non-metallic mineral products.

218 OTHER MINING

Mining and quarrying not elsewhere specified

DIVISION 3. MANUFACTURING

Manufacturing is defined as the mechanical or chemical transformation of inorganic or organic substances

into new product whether the work is performed by powerdriven machines or by hand, whether it is done in a factory or in the worker's home, and whether the products are sold at wholesale or retail. The assembly of component parts of manufactured product is considered manufacturing except in cases where the activity is appropriately classified in Division 5, Construction.

Establishment specializing in repair work on the described way are classified in the manufacturing division according to the type of product repaired.

### 311 FOOD INDUSTRY

311-01 Slaughtering, preparation canning, and preserving of meat. Abattoirs and meat packing plants; killing, dressing and packing cattle, hogs, sheep lambs, poultry, and small game for meat. Included are processing and packing activities, manufacturing of sausage casing, meat soups and rendering and refining edible animals fats.

311-02 Dairy products  
Manufacture of creamery and processed butter; cheese; condensed, powdered and evaporated milk; fresh and preserved cream; icecream; and other edible milk products.

311-03 Canning and preserving of fruits and vegetables  
Canning of fruits and vegetables including fruit and vegetable juices; manufacture of dried and dehydrated fruits and vegetables preserves, jams and jellies.

311-04 Processing of fish and other sea foods  
Salting, drying, dehydrating, smoking, curing, pickling, canning, or quick-freezing fish and other foods.

### 311-05 Vegetable and animal oils and fats

The production of crude vegetable and nut oil (including olive oil), cake and meal; the extraction of fish oils; the rendering of inedible animal oils and the refining and hydrogenation of oils and fats, except lard and other fats from livestock. The manufacture of lard and other edible fats is classified in group 311-01 Slaughtering, preparation and preserving of meat. Production of margarine and fats and oils (except olive oils) and fats from purchased refined and hydrogenated oils and fats is classified in group 311-10 Other non-specified food products.

### 311-06 Grain mill products

Grain mills products such as flour, meal and stock dry feeds; blended and prepared flour and other cereal and pulse preparation; and coffee peeling mills.

### 311-07 Bakery products

The manufacture of bread, cakes, cookies and similar "perishable" products; biscuits and similar "dry" bakery products. Macaroni, spaghetti, vermicelli and noodles are classified in group 311-10 other non-specified food products.

### 311-08 Coffee peeling mills

Pulping, husking, cleaning, washing and grading coffee.

### 311-09 Sugar, raw and refined

The manufacture and refining of raw sugar, syrup and granulated or clarified sugar.

### 311-10 Manufacture of cocoa, chocolate and sugar confectionery

The manufacture of cocoa and chocolate and all type of sugar confectionery

**311-11 Other non-specified food products**

The manufacture of food products not elsewhere classified such as margarine, starch and its products edible salt refining, vinegar, ground pepper and spices etc.

**312 BEVERAGE INDUSTRY**

**312-11 Distilling, rectifying and blending of spirits**

The distilling, rectifying and blending of alcoholic liquors such as whisky, brandy, rum, gin, and prepared mixed drink. The manufacture of industrial alcohol is classified in group 319-02 Basic industrial chemicals. Wholesale of alcoholic liquors is classified in group 611-12 Wholesale of food, beverages and tobacco.

**312-12 Wine industries**

The manufacture of wines and other fermented beverages except malt liquors.

**312-13 Beer**

The manufacture of malt liquors such as beer,

**312-14 The manufacture of tej and other local drinks**

**312-15 Soft drinks and carbonated water industries**

The manufacture of non-alcoholic beverages such as soft drinks and carbonated mineral waters.

**313 TOBACCO MANUFACTURING**

**313-01 Preparing raw-leaf tobacco for manufacturing**  
Stemming, redrying and other operations connected with preparing raw-leaf tobacco for manufacturing.

**313-02 Tobacco products manufacturing**

The manufacture of tobacco products such as cigarettes cigars and smoking tobacco.

## 314 MANUFACTURE OF TEXTILE

### 314-01 Spinning, weaving, and finishing textiles

Preparing fibres for spinning; spinning; weaving; printing and finishing of yarns and fabrics

### 314-02 Knitting mills

Hosiery and knitting mills, primarily engaged in producing knitted apparel as well as knitted fabrics. The manufacture of knitted apparel from purchased knitted fabrics is classified in group 314-05 Manufacture of wearing apparel (except foot-wear)

### 314-03 Carpets and rugs

The manufacture of carpets and rugs of any textile fibre or yarn. The manufacture of linoleum and other hard surfaced floor covering is classified in group 314-07 Manufacture of textile not elsewhere classified. Manufacture of rubber mats and matting is in group 319-01 Manufacture of rubber product.

### 314-04 Cordage, rope and twine

The manufacture of rope, cable, cordage, twine, net and related products from manila, sisal, cotton, paper, jute, flax and man-made-fibres including glass and other fibres.

### 314-05 Manufacture of wearing apparel (except footwear)

The manufacture of wearing apparel by cutting and sewing fabrics, leather, fur and other materials (millinery, hats, fur apparel, accessories and trimmings, gloves, suspenders, robes, and dressing gowns, raincoats and other water proofed outer garments, leather clothing, caps, etc.)

### 314-06 Made-up textile goods, except wearing apparel

Making-up from purchased materials house furnishings (curtains, draperies, sheets, napkins, table-cloths, blankets, canvas products, etc.)

314-07 Manufacture of textiles not elsewhere specified  
Manufacture of linoleum and other hard-surfaced floor coverings with textile backing; artificial leather and other impregnated and coated fabrics except rubbering laces, padding, and upholstery filling from all fibres.

315 MANUFACTURE OF LEATHER AND FUR

315-01 Tanneries and leather finishing

The tanning, currying, finishing, embossing and japanning of leather.

315-02 Manufacture of footwear except vulcanized or moulded rubber or plastic footwear. The manufacture of all kinds of footwear, beggins and gaiters from leater, fabrics, wood and other materials except vulcanized or moulded rubber or plastic footwear, which are classified in group 320-01 Manufacture of rubber products. Moulded plastic footwear and plastic shoe findings are classified in group 319-07 Plastic products not elsewhere classified.

315-03 Other leather products, except footwear and other wearing apparel

Manufacture of leather and artificial leather products (except footwear and other wearing apparel) such as luggage, hand-bags, pocketbooks, and similar articles.

315-04 Manufacture of fur and fur products

The scraping, currying, tanning, bleaching and dying of fur and other pelts, and manufacture of fur and skin rugs, mats and other articles.

316 MANUFACTURE OF WOOD AND CORK PRODUCTS

316-01 Sawmills, planing and other wood mills

The manufacture of lumber, sash, doors, window and door frames, and other wooden building materials. Included is preservation of wood. Sawmills and planing mills, weather or not mobile or operated in forest are included. The hewing and rough shaping of poles, bolts and other wood materials is classified in group 112-02 Forest exploitation

316-02 Wood and cork products (except furniture)

The manufacture of various products of food and cork (boxes, baskets and other wooden containers, small ware consisting wholly or mainly of wood, coffins, etc)

316-03 Manufacture of furniture and fixture, except primarily of metal.

The manufacture of household, office, public building professional and restaurant furniture, and fixture which are mainly made of wood or other materials other than metal furniture and fixtures which are made entirely from metal ore classified in group 372-02 Metal furniture and fixtures.

316 PAPER AND PAPER PRODUCTS

317-01 Pulp, paper and paperboard

The manufacture of pulp from wood, rags and other fibres, and paper, paperboard, fibre building paper and fibreboard. The manufacture of asphalted and tar-saturated paper is classified in group 319-09 Miscellaneous product of petroleum. Abrasive paper group 323-01 Manufacture of products n.e.c., and photographic paper in group 319-06 Miscellaneous chemical products.

317-02 Containers and boxes of paper and paperboard

The manufacture of shipping boxes or cases made of corrugated or solid fibreboard, folding or set-up paperboxes, sanitary food containers etc., whether printed or not.

317-03 Other pulp, paper and paperboard products not elsewhere classified

The manufacture of articles of pulp, paper and paperboard, such as plates and utensils, bottle caps, bags from all materials except textiles and plastics, cards, envelopes, toilet paper, etc.

318 PRINTING AND PUBLISHING

318-01 Printing, lithographing and publishing

Printing, lithographing and publishing news paper periodicals, books, maps, etc.

319 RUBBER, CHEMICAL, PLASTIC, AND PETROLEUM PRODUCTS

319-01 Manufacture of rubber products

The manufacture of tyres and tubes from natural or synthetic rubber, and all kinds of other rubber products.

319-02 Basic industrial chemicals including fertilizers

The manufacture of basic industrial organic and inorganic chemicals such as cyclic crudes, dyes, organic pigments, non-cyclic organic chemicals, synthetic tanning materials, acids, alkalis, etc. also included is the manufacture of fertilizers.

319-03 Synthetic resins, plastic materials and synthetic and other man-made fibres except glass

The manufacture of synthetic resins, plastics materials and non-vulcanizable elastomers, in the form of moulding and extrusion compound, solid and liquid resins, sheets, rods, tubes, granules and powders; cellulosic and other man-made fibres, except glass in the form suitable for further processing on textiles machines.

319-04 Paints, varnishes and lacquers

The manufacture of paints, varnishes japans, paint starns, removers, calking and filling materials.

319-05 Drugs and medicines

The manufacture of drugs and medicines and pharmaceutical preparation for human or veterinary use.

319-06 Miscellaneous chemical products

The manufacture of soap and other detergents; perfumes; cosmetics; explosive and amunition; insecticides; ink; matches; photo-chemical materials and sensitized film, paper and cloth.

319-07 Plastic product not elsewhere classified

The moulding, extruding and fabricating of plastic articles such as plastic dinnerware, tableware, kitchenware, containers and cups, laminated sheets rods and tubes from purchased plastic materials, plastic shoes, furniture and industrial supplied  
The manufacture of plastic house furnishing such as curtains, table covers, etc. is classified in group 314-06 Made-up textile goods (except wearing apparel).

319-08 Petroleum refineries

Petroleum refineries producing gasoline and other products from crude petroleum and its fractionation products.

319-09 Miscellaneous products of petroleum

The manufacture of asphalt paving and roofing materials.

320 NON-METALLIC MINERAL PRODUCTS

320-01 Manufacture of glass and glass products.

The manufacture of glass and glass products.

320-02 Manufacture of pottery, china and earthenware

The manufacture of china table and kitchen articles, porcelain electrical supplies; art, ornamental, industrial and laboratory pottery and stoneware.

320-03 Structural clay product

The manufacture of bricks, pipe, stove lining and refractories.

320-04 Cement

The manufacture of all type of cement

320-05 Non-metallic mineral products not elsewhere classified

The manufacture of miscellaneous products, such as concrete, gypsum and plaster products, cut stone products, abrasives and graphite products, etc.

321 BASIC METAL INDUSTRIES

321-01 Iron and steel basic industries

The manufacture of primary iron and steel products consisting of all processes from smelting in blast furnaces to the semi-finished stage in rolling mills and foundries

321-02 Non-ferrous metal basic industries

The manufacture of primary non-ferrous metal products consisting of all processes (ingots, bars and billets, sheets, strips, circles, sections, tubes, pipes and wire, etc.)

322 FABRICATED METAL PRODUCTS, MACHINERY AND EQUIPMENT

322-01 Cutlery, hand tools and general hardware

The manufacture of cutlery, hand tools and other hardware. Included are black smith's shops.

319-04 Paints, varnishes and lacquers

The manufacture of paints, varnishes japans, paint starns, removers, calking and filling materials.

319-05 Drugs and medicines

The manufacture of drugs and medicines and pharmaceutical preparation for human or veterinary use.

319-06 Miscellaneous chemical products

The manufacture of soap and other detergents; perfumes; cosmetics; explosive and amunition; inæcticides; ink; matches; photo-chemical materials and sensitized film, paper and cloth.

319-07 Plastic product not elsewhere classified

The moulding, extruding and fabricating of plastic articles such as plastic dinnerware, tableware, kitchenware, containers and cups, laminated sheets rods and tubes from purchased plastic materials, plastic shoes, furniture and industrial supplied  
The manufacture of plastic house furnishing such as curtains, table covers, etc. is classified in group 314-06 Made-up textile goods (except wearing apparel).

319-08 Petroleum refineries

Petroleum refineries producing gasoline and other products from crude petroleum and its fractionation products.

319-09 Miscellaneous products of petroleum

The manufacture of asphalt paving and roofing materials.

320 NON-METALLIC MINERAL PRODUCTS

320-01 Manufacture of glass and glass products.

The manufacture of glass and glass products.

- 320-02 **Manufacture of pottery, china and earthenware**  
The manufacture of china table and kitchen articles, porcelain electrical supplies; art, ornaments; industrial and laboratory pottery and stoneware.
- 320-03 **Structural clay product**  
The manufacture of bricks, pipe, stove lining and refractories.
- 320-04 **Cement**  
The manufacture of all type of cement
- 320-05 **Non-metalic mineral products not elsewhere classified**  
The manufacture of miscellaneous products, such as concrete, gypsum and plaster products, cut stone products, abrasives and graphite products, etc.

321 **BASIC METAL INDUSTRIES**

- 321-01 **Iron and steel basic industries**  
The manufacture of primary iron and steel products consisting of all processes from smelting in blast furnaces to the semi-finished stage in rolling mills and foundries
- 321-02 **Non-ferrous metal basic industries**  
The manufacture of primary non-ferrous metal products consisting of all processes (ingots, bars and billets, sheets, strips, circles, sections, tubes, pipes and wire, etc.)

322 **FABRICATED METAL PRODUCTS, MACHINERY AND EQUIPMENT**

- 322-01 **Cutlery, hand tools and general hardware**  
The manufacture of cutlery, hand tools and other hardware. Included are black smith's shops.

**322-02 Metal furniture and fixtures**

The manufacture of furniture and fixture consisting primarily of metal. The production of upholstered or padded furniture having metal frames is classified in group 316-03 Manufacture of furniture and fixture except primarily of metal

**322-03 Fabricated metal products, except machinery and equipment not elsewhere classified.**

The manufacture of fabricated metal products such as metal cans from tin-plate; terne-plate or enameled sheet metal; metal shipping containers; structural steel section and prefabricated components for building boiler, tanks; steep springs and other fabricated wire products; small arms and accessories enameling, galvanizing, plating and polishing metal products.

**322-04 Machinery equipment, except electrical**

The manufacture of machinery such as agricultural, woodworking and metal working, constructional machinery. Included is the manufacture of precious and other attachments and accessories for these machines. Hand tools which are not power driven are classified in group 322-01

**322-05 Manufacture of electrical machinery apparatus, appliances and supplies**

The manufacture of electric motors, generators and other electrical transmission and distribution equipment, electrical control devices and apparatus; radio, television and communication apparatus; electrical appliances and housewares and other electrical apparatus; and supplies.

322-06 Manufacture of transport equipment

The manufacture of equipment for the transportation of passengers and freight by land, air and water. Animal-drawn and hand-drawn vehicles are included.

322-07 Repair of motor vehicles

The repair of automobiles and motor trucks and any specialized repair work such as repair of auto tops (hoods) and electrical repairs.

323 MANUFACTURING INDUSTRIES NOT ELSEWHERE CLASSIFIED

323-01 Manufacture of products not elsewhere classified

The manufacture of jewellery and related articles musical instruments, toys, sporting good except rubber and moulded plastic; pens, pencils, umbrellas, broom and brushes, lamp shades, small metalware and identification plates, badges, emblems and similar articles.

324 HANDICRAFT (AND COTTAGE INDUSTRY)

Handicraft (and cottage industry) is the mechanical or chemical transformation of inorganic or organic substances into new products, where activity is carried on, primarily for the market, with or without the use of power, in a small workshop or in the household with mostly own or family labour, where the handskill plays an important part and employed labour is small. It includes also those services which can be associated with the lines of production, require some processing use of some raw materials and are not personal to the people.

The criterion for classification in the groups is similar as in the manufacturing industry.

## DIVISION 4 ELECTRICITY, GAS AND WATER

### 411 ELECTRIC, LIGHT AND WATER

The generation, transmission and distribution of electric energy for sale to household, industrial and commercial users.

### 412 GAS MANUFACTURE AND DISTRIBUTION

The manufacture of gas in gas work and the distribution of manufactured or natural gas through a system of mains to household, industrial and commercial users.

### 413 WATER WORKS AND SUPPLY

The collection, purification and distribution of water to household, industrial and commercial users.

## DIVISION 5. CONSTRUCTION

General and special trade contractors primarily engaged in contract construction. Also included are units of enterprises primarily engaged in construction work for the enterprise which can be separately reported. However, maintenance or repair work done by maintenance staff in the full-time employ of the units, the premises of which are being repaired are excluded.

### 511 CONSTRUCTIONAL DESIGNING AND CONSULTING

Consulting engineering, architectural surveying and scientific engineering development services.

### 512 BUILDING AND CONSTRUCTION

Constructing, altering, repairing and demolishing buildings; constructing, altering and repairing highways streets, sewers, gas and electricity mains, railway road-beds, harbours and water ways, piers, airports and parking areas elevated highways, bridges

dams, drainage, irrigation, flood-control and water power projects and hydro-electric plants, pipe lines, water wells, athletic fields, swimming pools; communication system such as telephone and telegraph lines; and other types of heavy construction

### 513 INSTALLATION

Plumbing, heating and air-conditioning installation  
sheet metal and electrical work

### 514 OTHER CONSTRUCTIONAL ACTIVITIES NOT ELSEWHERE CLASSIFIED

## DIVISION 6. WHOLESALE TRADE AND RETAIL TRADE, CATERING AND TOURISM

### 611 WHOLESALE TRADE

The re-sale (sale without transformation) of new and used goods to retailers, to industrial commercial, institutional or professional users, or to other wholesalers; or acting as agents in buying merchandise for, or selling merchandise to such persons or companies. The principal types of business (or groups) included in this classification are merchant wholesalers who sell (1) foodgrains, (2) food, beverage and tobacco, (3) live animals and animals skin and hides, (4) textile products, (5) machinery and equipment, (6) motor vehicles and parts, (7) hardware and electrical goods, (8) furniture and home furnishings, (9) drugs and toilet preparations, (10) petroleum products, (11) lumber and construction materials, (12) storage and warehousing, (13) brokers, commission, merchants and agents. Wholesalers frequently physically assemble, sort and grade goods in large lots, re-pack and redistribute in smaller lots deliver, store and refrigerate goods. All of these activities are considered as part of wholesale trade.

## 612 RETAIL TRADE

The re-sale (sale without transformation) of a new and used goods, for personal or household consumption utilization. The retail trade is divided on the two major groups; (1) retail of food products, and (2) retail of other than food products. In every group detailed classification is possible according to type of commodities retailed. In the group Retail of food products 5 sub-groups and in the group Retail of other than food products 12 sub-groups are established.

## 613 CATERING

Included are retail establishments, selling prepared foods and drinks for immediate consumption on the premises in restaurants, cafe's, taverns, and other drinking and eating places. The provision, on a fee basis, of lodging, camping space and camping facilities, whether open to the general public or restricted to members of a particular organization.

## 614 TOURISM

Included are tourist agencies and tourist development services.

## DIVISION 7. TRANSPORT AND COMMUNICATION

### 711 LAND TRANSPORT

#### 711-01 Railway transport

Companies furnishing transportation by line-haul (inter-urban) railroad, and services allied to railway transportation. The building and over-haul of railway rolling stock and the construction and maintenance of railway and buildings by railway transport companies which are not possible to report separately, are included in this group.

711-02 Urban, suburban and interurban passenger transportation

Interurban bus and coach lines, and urban and suburban passenger transportation.

711-03 Other passenger land transportation

Passenger transportation services as sight-seeing buses, ambulances, taxicabs, animal-drawn vehicles for the transport of passenger or freight, and rental automobiles with drivers.

711-04 Motor freight transportation

Local or long-distance trucking, transfer, and draying services. This group does not include delivery departments or warehouses operated by business concerns for their own use.

712 WATER TRANSPORT

The operation of vessels for the transportation of freight and passengers by sea on coastal and inland water.

713 AIR TRANSPORT

The transport by air of passenger and freight, and services indential to air transport such as operation of airports flying control centres and radar stations, aircraft brokers and rental.

714 SERVICES INDENTIAL TO TRANSPORT

Transport by pipeline of crude and refined petroleum and natural gas as an independent service; operation of the rental or railroad cars and automobiles and truck without drivers.

715 COMMUNICATION

Communication services rendered to the public whether by post, wire or radio and whether intended to be received audibly or visually. Services for the exchange or recording of messages are also included. Radio and television broadcasting studios and stations are classified in group 918-02 Radio and television broadcasting.

DIVISION 8. FINANCE, INSURANCE, REAL ESTATE AND BUSINESS SERVICES

811 BANKS AND SAVING AND CREDIT INSTITUTION

Institution primarily engaged in carrying on a banking business or a similar credit or saving function. Included are banks and closely related institutions, credit agencies other than banks; co-operative societies, investment companies and other financial institutions.

812 INSURANCE

Insurance carriers of all kinds, such as life, fire, marine, accident, health, etc.

813 REAL ESTATE

All types of dealers in real-estate, that is, operators, developers and agents. Includes land and estate companies and other similar organization deriving their income from the owning and letting of houses, flats, lock-up garages and similar properties.

814 BUSINESS SERVICES

814-01 Legal Services

Offices of advocates, barristers and solicitors in private practice.

814-02 Accounting, auditing and book-keeping services

Accounting, auditing, book-keeping and data processing and tabulating services on a contract or fee basis.

814-03 Engineering and technical services

Consulting engineering, geological and prospecting services, and engineering and other commercial research, development and testing. Engineering and technical services carried on in association with manufacturing construction or other activity are classified to the group appropriate to the activity with which the developmental or testing work is associated.

814-04 Other services

Advertising services, renting of machinery and equipment duplicating, photo copying, mailing list and stenographic services, etc.

DIVISION 9. COMMUNITY, SOCIAL AND PERSONAL SERVICES

911 PUBLIC ADMINISTRATION AND DEFENSE

Central, provincial and local government including such organization as the armed forces, police, and regular administrative, legislative and judicial departments and offices. This group does not include governmental activities other than administrative and regulatory such as transport, communication, education, health production, financial institutions, each of which together with other similar activities is classified in the appropriate group.

912 EDUCATIONAL SERVICES

Governmental and private education institutions of all type

913 RESEARCH AND SCIENTIFIC INSTITUTION

Institutes primarily engaged in research, usually in non-profit basis, in the agricultural, biological physical and social sciences. Meteorological institution

and medical research organization are included. Research department whether at a separate address or not, attached to establishment are classified in the group together with establishments.

914 MEDICAL AND OTHER HEALTH SERVICES

Medical, surgical, dental and other services.

915 WELFARE INSTITUTION AND CHARITABLE ORGANIZATION

Institutions operating on a non-profit basis for the promotion of the welfare of the population (including those operating by government), such as the Red Cross, organizations for the collection and allocation of contribution of charity, orphanages, homes for the aged, homes for blind, charitable organization.

916 BUSINESS, PROFESSIONAL AND LABOUR ORGANIZATION

Business organization, such as Chamber of Commerce, trade organization, professional organization and labour unions.

917 OTHER SOCIAL AND COMMUNITY SERVICES

Political organization, social and fraternal organization (YMCA, YWCA), clubs and religious organization operated for worship. Other establishment operated by religious organization (hospitals, charitable institutions and similar) are classified in group appropriate to their main activity.

918 RECREATIONAL AND CULTURAL SERVICES

918-01 Motion picture production, distribution and projection  
The production of theatrical and non-theatrical pictures for exhibition including production of still and slide films; film developing printing and titling; renting of motion picture film or tape; operation of motion picture theatres and film delivery services.

918-02 Radio and television broadcasting

Radio and television stations and studios primarily engaged in the production and dissemination to the public of aural and visual programmes

918-03 Theatrical producers and entertainment services

Theatres producing "live" theatrical presentation; bands and orchestras and photograph recording; booking agencies for plays, artists and concerts; scenery, lighting and other equipment services

918-04 Libraries

Libraries and information centres

918-05 Museums

Museums and art galleries

918-06 Botanical and zoological gardens

918-07 Other recreational services not elsewhere classified

The operation of dance halls and studio; bowling alleys; football and other sport clubs; swimming pools; tennis courts, renting of pleasure boats, Bicycles, sporting goods etc.

919 PERSONAL SERVICES

919-01 Laundries and cleaning and dyeing plants

The operation of mechanical or hand laundries; dry cleaning, pressing and dyeing apparel

919-02 Barber and beauty shops

Barbering facilities and hair dressing services.

919-03 Photographic studios

Portrait photography for the general public, or photography for advertising agencies and publishers; developing films and making photographic prints.

919-04 Domestic services

Maids, cooks, laundresses, baby sitters, personal secretaries, gardeners, and other maintenance working for households, whether provided by these households or by business units primarily engaged in furnishing these services.

919-05 Personal services not ~~elsewhere~~ classified

Shoe shine parlors or stands, turkish baths, cemetery upkeep, porter services and services not elsewhere classified

