



PAPUA NEW GUINEA

STANDARD

INDUSTRIAL

CLASSIFICATION

(PNGSIC - 2000)

NATIONAL STATISTICAL OFFICE
PORT MORESBY

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PREFACE

Statistics on industry, besides being an important structural indicator of the economy, are also a crucial component in collection and analysis of many other statistics within the overall information system of PNG. This manual provides a classification system that can be used as a reference guide to identify the structure and types of industries found in Papua New Guinea.

The Papua New Guinea Standard Industrial Classification (PNGSIC) was compiled by the National Statistics Office (NSO) with relevant assistance and technical advice sought from the Australian Bureau of Statistics (ABS) in the initial development of PNGSIC. Efforts have been made to improve the clarity of the manual to ensure it is user friendly and as simple as possible to enable better collection, editing, coding and analysis of industry statistics.

The current version of PNGSIC is the product of revisions from the earlier drafts and contains significant changes (listed below) that are worth noting.

- Industries that do not exist in PNG which are unlikely to emerge were deleted e.g. 353 Manufacture of Aircraft;
- Industries which do not exist in PNG but have future potential were maintained;
- Industries which have existed in PNG but have not been previously clearly identified, were given separate classification codes under their respective major divisions;
- New industries were given new classification codes based on their type of activity.

While we have tried as much as possible to avoid omissions, duplications and inconsistencies, there is always room for improvement and we trust you as an editor, coder or interested reader/user will assist us in this respect by contacting us with any comments or suggestions regarding possible improvements.

PURPOSE

Production of quality data is a priority, thus it is hoped that this manual will meet the following objectives:

- Assist editors and coders to enter correct industry codes as required on the population census form.
- Enhance the knowledge and understanding of readers on type and structure of industry prevalent in PNG, particularly those who may wish to classify and identify industry according to various groups listed in the PNGSIC.
- To provide a classification of industries and establishments appropriate to the PNG workforce.
- To allow more rigorous/detailed descriptions and classification of industries in various groups and classes.
- To facilitate the standardization of industrial classification through out the country.

STRUCTURE of PNGSIC

To ensure comparability of information within the region and elsewhere, the layout and structure of PNGSIC is developed within the framework of International Standard Industrial Classification Version 3 (ISIC Ver: 3, 1990). However modification/adjustment were applied to appropriate sub-groups and classes of industries where necessary to better reflect the forms of economic activities, which exist in the reference period. The PNGSIC is structured according to four (4) hierarchical Divisions and Groups as listed below.

Major Divisions

There are 17 Major Divisions of Industries under the International Standard Industrial Classification (ISIC). A revision was carried out on major divisions of industry and necessary adjustments were made accordingly.

A. Agriculture, Hunting and Forestry	K. Real Estate, Renting and Business Service Activities
B. Fishing	L. Public Administration and Defence Compulsory Social Security
C. Mining and Quarrying	M. Education
D. Manufacturing	N. Health
E. Electricity, Gas, Steam and Hot Water	O. Other Community, and Social and Personal Activities
F. Construction	P. Private Households with employed Persons
G. Wholesale and Retail Trade, Sale and Repair of Motor Vehicles, Motor Cycles, Personal and Household Goods	Q. Extra Territorial Organization and Bodies
H. Hotels and Restaurants	
I. Transport Storage and Communications	
J. Financial Intermediation	

A single digit alphabetical coding is applied to all major divisions of the industries as seen above. Each major division has a collection of Division of industries representing industries with similar activities. The list of divisions for each major division depends on the kind of activities performed under each respective division.

Division

The major divisions are further reclassified into smaller groups known as Division. A two digit numeric coding is applied to all Divisions within each major division of industry. Each division has a collection of groups of industries with similar activities or products.

Groups

Each Division of Industries is further classified into groups. A three digit numeric coding will be applied to all industries classified at this level. Each group has a collection of classes of industries with similar activities and uniform characteristics.

Class

Group of industries divided further into more refined units known as class. At this level of classification both the industry and activity types become more detailed. The activities performed in each class of industries seem more uniform and closely related. Distinction between each class of industries in terms of activities performed can be more easily established at this unit. A four digit numeric coding will be applied to all industries classified at this level.

LAYOUT of THE MANUAL

The PNGSIC manual will be used as a reference guide to do the edits and coding of the 2000 National Population Census data. The manual has three main parts as listed below.

- Part I: Broad Structure: Classification of Industries according to Major Divisions and Sub-Divisions
- Part II: Detailed Structure: Classification of Industries By Major Divisions, Sub-Divisions, Groups and Classes
- Part III: Explanatory notes and brief descriptions on Groups and Classes of Industries

A Summary Index on PNGSIC has been compiled as an attachment in Editors and Coders Instruction Manual for easy reference.

Abbreviations

Abbreviations used in this classification are:

- n.e.c. - Not elsewhere classified
- Mfg - manufacturing

**PART I. BROAD STRUCTURE BY MAJOR DIVISIONS and
SUB-MAJOR GROUPS**

INTRODUCTION

The following briefly outlines major groups and sub-divisions and is meant to provide an index of the industrial groupings. This information should not be regarded as substitutes for the more detailed descriptions of Industrial groupings in Part III that this document contains.

A AGRICULTURE, HUNTING and FORESTRY

- 01 AGRICULTURE, HUNTING AND RELATED SERVICE ACTIVITIES
- 02 FORESTRY, LOGGING AND RELATED SERVICE ACTIVITIES

B FISHING

- 05 AQUATIC

C MINING AND QUARRYING

- 10 MINING OF COAL
- 11 EXTRACTION OF CRUDE PETROLIUM AND NATURAL GAS AND
RELATED SERVICES
- 12 MINING OF URANIUM AND THORIUM ORES
- 13 MINING OF METALS
- 14 OTHER MINING AND QUARRYING

D MANUFACTURING

- 15 MANUFACTURE OF FOOD PRODUCTS and BEVERAGES
- 16 MANUFACTURE OF TOBACCO PRODUCTS
- 17 MANUFACTURE OF TEXTILES
- 18 MANUFACTURE OF WEARING APPAREL, DRESSING and DYEING
OF FUR
- 19 TANNING AND DRESSING OF LEATHER, MANUFACTURE OF
LUGGAGE, HANDBAGS, SADDLERY, HARNESS AND FOOTWEAR
- 20. MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND
CORK, EXCEPT FURNITURE; **MANUFACTURE OF ARTICLES OF
STRAW AND PLAITING MATERIALS**
- 21. MANUFACTURE OF PAPER AND PAPER PRODUCTS
- 22 PUBLISHING, PRINTING AND REPRODUCTION OF RECORDED
MEDIA

- 23 MANUFACTURE OF CORE, REFINED PETROLEUM PRODUCTS AND NUCLEAR FUEL
- 24 MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS
- 25 MANUFACTURE OF RUBBER AND PLASTICS
- 26 MANUFACTURE OF OTHER NON-METALIC MINERAL PRODUCTS
- 27 MANUFACTURE OF BASIC METALS
- 28 MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT
- 29 MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.
- 30 MANUFACTURE OF OFFICE, ACCOUNTING AND COMPUTING MACHINERY
- 31 MANUFACTURE OF ELECTRICAL MACHINERY AND APPARATUS NEC
- 32 MANUFACTURE OF RADIO, TELEVISION AND COMMUNICATION EQUIPMENT AND APPARATUS
- 33. MANUFACTURE OF MEDICAL PRECISION AND OPTICAL INSTRUMENTS WATCHES AND CLOCKS
- 34 MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS
- 35 MANUFACTURE OF OTHER TRANSPORT EQUIPMENT
- 36 MANUFACTURE OF FURNITURE, MANUFACTURING N.E.C
- 37 RECYCLING

E **ELECTRICITY, GAS, STEAM AND HOTWATER**

- 40 ELECTRICITY, GAS, STEAM AND HOTWATER SUPPLY
- 41 COLLECTION, PURIFICATION AND DISRIBUTION OF WATER

F **CONSTRUCTION**

- 45 CONSTRUCTION

G **WHOLESALE AND RETAIL TRADE, SALE AND REPAIR of MOTOR VEHICLES, MOTOR CYCLES, PERSONAL AND HOUSEHOLD GOODS**

- 50 SALE, MAINTENANCE AND REPAIR OF MOTOR VEHICLES AND MOTORCYCLE, RETAIL OR AUTOMOTIVE FUEL
- 51. WHOLESALE TRADE AND COMMISSION TRADE, EXCEPT OF MOTOR VEHICLES AND MOTOR CYCLES
- 52. RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES, REPAIR OF PERSONAL AND HOUSEHOLD GOODS

H **HOTELS AND RESTAURANTS**

55 HOTELS AND RESTAURANTS

I **TRANSPORT, STORAGE AND COMMUNICATIONS**

60 LAND TRANSPORT, TRANSPORT VIA PIPELINES

61 WATER TRANSPORT

62 AIR TRANSPORT

63 SUPPORTING AND AUXILIARY TRANSPORT ACTIVITIES,
ACTIVITIES OF TRAVEL AGENTS

64 POST AND TELECOMMUNICATIONS

J **FINANCIAL INTERMEDIATION**

65 FINANCIAL INTERMEDIATION, EXCEPT INSURANCE AND
PENSION FUNDING

66 INSURANCE AND PENSION FUNDING, EXCEPT COMPULSORY
SOCIAL SECURITY

67 ACTIVITIES AUXILIARY TO FINANCIAL INTERMEDIATION

K **REAL ESTATE, RENTING AND BUSINESS SERVICE ACTIVITIES**

70 REAL ESTATE, RENTING AND BUSINESS ACTIVITIES

71 RENTING OF MACHINERY AND EQUIPMENT WITHOUT
OPERATOR AND OR PERSONAL AND HOUSEHOLD GOODS

72 COMPUTER AND RELATED ACTIVITIES

73 RESEARCH AND DEVELOPMENT

74 OTHER BUSINESS ACTIVITIES

L **PUBLIC ADMINISTRATION AND DEFENCE, COMPULSORY
SOCIAL SECURITY**

75 PUBLIC ADMINISTRATION AND DEFENCE, COMPULSORY SOCIAL
SECURITY

M **EDUCATION**

80 EDUCATION

N **HEALTH**

85 HEALTH AND SOCIAL WORK

O **OTHER COMMUNITY, SOCIAL AND PERSONAL SERVICE
ACTIVITIES**

90 SEWAGE AND REFUSE DISPOSAL, SANITATION AND SIMILAR
ACTIVITIES

91 ACTIVITIES OF MEMBERS ORGANIZATION N.E.C

92 RECREATIONAL, CULTURAL AND SPORTING ACTIVITIES

93 OTHER SERVICES

P **PRIVATE HOUSEHOLDS WITH EMPLOYED PERSONS**

95 PRIVATE HOUSEHOLDS WITH EMPLOYED PERSONS

Q **EXTRA-TERRITORIAL ORGANIZATIONS AND BODIES**

99 EXTRA-TERRITORIAL ORGANIZATIONS AND BODIES

PART II. DETAILED STRUCTURE BY DIVISIONS, GROUPS AND CLASSES

INTRODUCTION

Part II expands on the outline of Major Divisions of industries presented in Part I by including the four digit categories (Industry Classes). Part II is yet another brief outline major groups and sub-divisions from those bearing two digits to that of four digits. This is meant to facilitate the interpretations of the groupings to even finer detail. The information given here should not be regarded as substitutes for the more detailed descriptions of Industrial groupings by activity in Part III that this document contains.

A AGRICULTURE, HUNTING AND FORESTRY

01 AGRICULTURE, HUNTING and RELATED SERVICE ACTIVITIES

011 Growing of Cereals

- 0111 Cultivation of rice
- 0119 Cultivation of other grain crops n.e.c

012 Growing of Vegetables Horticultural Specialists and Nursery Products

- 0121 Cultivation of vegetables
- 0122 Cultivation of Flowers and landscape gardening
- 0129 Cultivation of nursery products

013 Growing of Fruits, Nuts, Beverages and Spice Crops

- 0131 Cultivation of Coconuts
- 0132 Cultivation of Coconuts and Cocoa (combined)
- 0133 Cultivation of Cocoa
- 0134 Cultivation of Coffee
- 0135 Cultivation of Tea
- 0136 Cultivation of Spices (chilies, cardamom, pepper and ginger)
- 0137 Cultivation of Betel nut
- 0139 Cultivation of other Fruits, Beverages Nuts and Spices, n.e.c

014 Other Crops

- 0141 Cultivation of tobacco
- 0142 Cultivation of rubber tree
- 0143 Cultivation of oil palm
- 0144 Cultivation of peanuts

- 0145 Cultivation of pyrethrum
- 0146 Cultivation of sugar cane
- 0149 Cultivation of other crops n.e.c

015 *Farming of Animals*

- 0151 Cattle Raising for Beef and Dairy Products
- 0152 Pig raising
- 0153 Poultry Farming (for eggs and meat)
- 0154 Bees keeping
- 0155 Crocodile farming
- 0156 Silk farming
- 0159 Other Animal Farming, n.e.c

016 0160 Mixed Farming, growing of crops combined with Animal Farming

017 0170 *Agriculture services*

018 0180 *Hunting, Trapping and Game Propagation*

019 0190 *Subsistence Activities*

02 FORESTRY, LOGGING and RELATED SERVICE ACTIVITIES

021 FORESTRY

- 0211 Planting and Conservation of Forests
- 0212 Services to Forestry
- 0213 Gathering of Minor Forest Products

022 LOGGING

- 0221 Logging
- 0222 Services to Logging

B *FISHING*

05 AQUATIC

051 *Fishing*

- 0511 Fishing for tuna - or tuna fishing
- 0512 Fishing for barramundi
- 0513 Fishing for crustaceans (prawns, lobsters, crayfish, etc)
- 0519 Other fishing n.e.c

- 052 ***Other Aquatic products gatherings***
 - 0521 Collection of shellfish
 - 0522 Collection of sea corals
 - 0523 Collection of sea plus fresh water shells
 - 0524 Catching of reptiles (eg turtles plus crocodiles)
 - 0525 Collection of sea urchins (eg sea cucumber) plus other echinoderms
 - 0529 Other aquatic products n.e.c

- 053 ***Farming of sea and fresh water species***
 - 0531 Fish farming (both fresh and salt water species)
 - 0532 Farming of crocodiles and other reptiles
 - 0539 Farming of other aquatic life n.e.c

C MINING AND QUARRYING

10 MINING of COAL

101 1010 *Mining of Coal*

11 EXTRACTION of CRUDE PETROLEUM and NATURAL GAS RELATED SERVICES

111 1110 *Extraction of Crude Petroleum and Natural Gas*

112 1120 *Services and Activities Related to Oil and Gas Extraction*

12 MINING of URANIUM and THORIUM ORES

120 1200 *Mining of Uranium and Thorium Ores*

13 MINING of METALS

131 1310 *Mining of Iron Ores*

132 ***Mining of Non-Ferrous Ores***

1321 Mining of Copper Ores

1322 Mining of Gold Ores

1323 Mining of Other Non-Ferrous Metal Ores, Including Lead, aluminum, Chrome, Nickel, Zinc, Silver, etc.

14 OTHER MINING and QUARRYING

141 1410 *Quarrying of Stone, Sand and Clay*

142 *Mining and Quarrying n.e.c*

1421 Mining of Chemical and Fertilizer Minerals

1422 Extraction of Salt

1429 Mining and Quarrying Not Elsewhere Classified (n.e.c)

D MANUFACTURING

15 MANUFACTURE of FOOD PRODUCTS and BEVERAGES

151 *Production, Processing and Preservation of Meat, Fish, Fruits, Vegetables, Oils and Fats*

1511 Production, Processing and Preserving of Meat Products

1512 Processing and Preserving of Fish and Fish Products

1513 Processing and Preserving of Fruit and Vegetables

1514 Manufacture of Vegetables and Animal Oils and Fats

152 1520 *Manufacture of Dairy Products*

153 *Manufacture of Grain Mill Products, Starches and Starch Products and Prepared Animal Feeds*

1531 Manufacture of Grain Mill Products

1532 Manufacture of Starches and Starch Products

1533 Manufacture of Prepared Animal Feeds

154 *Manufacture of Other Food Products*

1541 Manufacture of Bakery Products

1542 Manufacture of Sugar

1543 Manufacture of Cocoa, Chocolate and Sugar Confectionary

1544 Manufacture of Macaroni, Noodles, and Similar Pasta Products

1545 Manufacture of Sago

1549 Manufacture of Other Food Products n.e.c

155 ***Manufacture of Beverages***

- 1551 Distilling, Rectifying and Blending of Spirits, Ethyl, Alcohol Production from Fermented Materials
- 1552 Manufacture of Wines
- 1553 Manufacture of Beer, Other Malt Liquors and Malt
- 1554 Manufacture of Soft Drinks and Production of Mineral Water

16 **MANUFACTURE of TABACCO PRODUCTS**

160 ***Manufacture of Tobacco Products***

- 1601 Manufacture of Tobacco Products Such as Cigarettes or Cigars, Pipe Tobacco, Chewing Tobacco or Snuff

17 **MANUFACTURE of TEXTILES**

171 ***Spinning, Weaving and Fishing of Textiles Fibers***

- 1711 Preparation, Spinning of Textile Fibers, Weaving of Textiles
- 1712 Cutting and Sizing of the Materials, Sewing, Screen Printing and Embroidery

172 ***Manufacture of Other Textiles***

- 1721 Manufacture of Made up Textiles Articles, Except Apparel
- 1722 Manufacture of Carpets and Rugs
- 1723 Manufacture of Cordage, Rope Twine and Netting
- 1729 Manufacture of Other Textiles n.e.c

173 1730 ***Manufacture of Knitted and Crocheted Fabrics and Articles***

18 **MANUFACTURE of WEARING APPAREL, DRESSING and DYEING of FUR**

- 181 1810 ***Manufacture of Wearing Apparel, Except Fur Apparel***
- 182 1820 ***Dressing and Dying of Fur, Manufacture of Articles of Fur***

19 **TANNING and DRESSING of LEATHER, MANUFACTURE of LUGGAGE, HANDBAGS, SADDLERY, HARNESS and FOOTWEAR**

191 ***Tanning and Dressing of Leather, Manufacture of Luggage, Handbags, Saddlery and Harness***

1911 Tanning and Dressing Leather

1912 Manufacture of Luggage, Handbags and the Like, Saddlery and Harness

192 ***1920 Manufacture of Footwear***

20 **MANUFACTURE of WOOD and of PRODUCTS of WOOD and CORK, EXCEPT FURNITURE, MANUFACTURE of ARTICLES of STRAW and PLAITING MATERIALS**

201 ***2010 Saw-Milling and Planning of Wood***

202 ***Manufacture of Products of Wood, Cork, Straw and Plaiting Materials***

2021 Manufacture of Veneer Sheets, Manufacture of Plywood, Lamina Board, Particleboard and Other Panels and Boards

2022 Manufacture of Products of Wood for Carpentry and Joinery

2023 Manufacture of Wooden and Cane Containers

2024 Manufacture of Wooden Carvings and Other Wooden and Cane Artifacts

2029 Manufacture of Articles of Cork, Straw, Cane and Other Plaiting Materials

21 **MANUFACTURE of PAPER and PAPER PRODUCTS**

210 ***Manufacture of Paper and Paper Products***

2101 Manufacture of Pulp, Paper and Paperboard

2102 Manufacture of Corrugated Paper and Paperboard and of Containers of Paper and Paperboard

2109 Manufacture of other articles of Paper and Paperboard

22 PUBLISHING, PRINTING and REPRODUCTION of RECORDED MEDIA

221 *Publishing*

- 2211 Publishing of Books, Brochures, and Instructions Books
- 2212 Publishing of News Papers, Journals and Periodicals
- 2213 Publishing of Recorded Media
- 2219 Other Publishing

222 *Printing and Service Activities Related to Printing*

- 2221 Printing
- 2222 Service Activities Related To Printing

223 2230 *Reproduction of Recorded Media*

23 MANUFACTURE of CORE, REFINED PETROLEUM PRODUCTS and NUCLEAR FUEL

- 231 2310 *Manufacture of Coke Oven Products*
- 232 2320 *Manufacture of Refined Petroleum Products*
- 233 2330 *Processing of Nuclear Fuel*

24 MANUFACTURE of CHEMICALS and CHEMICAL PRODUCTS

241 *Manufacture of Basic Chemicals*

- 2411 Manufacture of Basic Chemicals, Except Fertilizers and Nitrogen Compounds
- 2412 Manufacture of Fertilizers and Nitrogen Compounds
- 2413 Manufacture of Plastics in Primary Forms and of Synthetic Rubber

242 *Manufacture of Other Chemical Products*

- 2421 Manufacture of Pesticides and other Agro-Chemical Products
- 2422 Manufacture of Paints, Varnishes and Similar Coatings, Printing Inks, and Mastics
- 2423 Manufacture of Pharmaceuticals, Medical Chemicals and Botanical Products

- 2424 Manufacture of Soap and Detergents, Cleaning , Polishing Preparations, and Perfumes
- 2429 Manufacture of Other Chemical Products n.e.c

243 2430 *Manufacture of Man Made Fibers*

25 MANUFACTURE of RUBBER and PLASTICS

251 *Manufacture of Rubber Products*

- 2511 Manufacture of Rubber Tyres and Tubes, Retreating and Repairing of Rubber Tyres
- 2519 Manufacture of Other Rubber Products

252 2520 *Manufacture Plastic Products*

26 MANUFACTURE of OTHER NON-METALLIC MINERAL PRODUCTS

261 2610 *Manufacture of Glass and Glass Products*

269 *Manufacture of Non-Metallic Mineral Products n.e.c*

- 2691 Manufacture of Non-Structural, Non-Refractory Ceramic Ware
- 2692 Manufacture of Refractory Ceramic products
- 2693 Manufacture of Structural Non-Refractory Clay and Ceramic Products
- 2694 Manufacture of Cement, Lime and Plaster
- 2695 Manufacture of Articles of Concrete, Cement and Plaster
- 2696 Cutting, Shaping and Smoothing of Stone
- 2699 Manufacture of Other Non-Metallic Mineral Products n.e.c

27 MANUFACTURE of BASIC METALS

271 2710 *Manufacture of Basic Iron and Steel*

272 2720 *Manufacture of Basic Precious and Non Ferrous Metals*

273 *Casting of Metals*

- 2731 Casting of Iron and Steel
- 2732 Casting of Non Ferrous Metals

28 **MANUFACTURE of FABRICATED METAL PRODUCTS, EXCEPT MACHINERY and EQUIPMENT**

281 ***Manufacture of Structural Metal Products, Tanks, Reservoirs and Steam Generators***

- 2811 Manufacture of Structural Metal Products
- 2812 Manufacture of Tanks, Reservoirs and Containers of Metals
- 2813 Manufacture of Steam Generators, Except Extra Hot Water Boilers

289 ***Manufacture of Other Fabricated Metal Products, Metal Working Service Activities***

- 2891 Forging, Pressing, Stamping and Roll-Forming of Metal, Powder Metallurgy
- 2892 Treatment and Coating of Metals, General Mechanical Engineering on a fee or Contract Basis
- 2893 Manufacture of Cutlery, Hand Tools and General Hardware
- 2899 Manufacture of other Fabricated Metal Products n.e.c

29 **MANUFACTURE of MACHINERY and EQUIPMENT N.E.C**

291 ***Manufacture of General Purpose Machinery***

- 2911 Manufacture of Engines and Turbines, Except Aircraft, Vehicle and Cycle Engines
- 2912 Manufacture of Pumps, Compressors, Taps and Valves
- 2913 Manufacture of Bearings, Gears, Gearing and Driving Elements
- 2914 Manufacture of Ovens, Furnaces and Furnace Burners
- 2915 Manufacture of Lifting and Handling Equipment
- 2919 Manufacture of Other General purpose Machinery

292 ***Manufacture of Special Purpose Machinery***

- 2921 Manufacture of Agricultural and Forestry Machinery
- 2922 Manufacture of Machine Tools
- 2923 Manufacture of Machinery For Metallurgy

- 2924 Manufacture of Machinery for Mining, Quarrying and Construction
- 2925 Manufacture of Machinery for Food Beverage and Tobacco Processing
- 2926 Manufacture of Machinery for Textile, Apparel and Leather Production
- 2927 Manufacture of Weapons and Ammunition
- 2929 Manufacture of Other Special Purpose Machinery
- 293 2930 *Manufacture of Domestic Appliances n.e.c*

30 MANUFACTURE of OFFICE, ACCOUNTING and COMPUTING MACHINERY

- 300 3000 *Manufacture of Office, Accounting and Computing Machinery*

31 MANUFACTURE of ELECTRICAL MACHINERY and APPARATUS N.E.C

- 311 3110 *Manufacture of Electricity Distribution and Control*
- 312 3120 *Manufacture of Electricity Distribution and Control Apparatus*
- 313 3130 *Manufacture of Insulated Wire and Cable*
- 314 3140 *Manufacture of Accumulators, Primary Cells and Primary Batteries*
- 315 3150 *Manufacture of Electric Lamps and Lighting Equipment*
- 319 3190 *Manufacture of Other Electrical Equipment n.e.c*

32 MANUFACTURE of RADIO, TELEVISION and COMMUNICATION EQUIPMENT and APPARATUS

- 321 3210 *Manufacture of Electronic Valves, Tubes and Other Electric Components*
- 322 3220 *Manufacture of Television and Radio Transmitters And Apparatus for Telephone and Telegraphs Lines*
- 323 3230 *Manufacture of Television and Radio Receivers, Sound or Video Recording or Reproducing apparatus and Associated Goods*

- 33 **MANUFACTURE of MEDICAL PRECISION and OPTICAL INSTRUMENTS, WATCHES and CLOCKS**
- 331 *Manufacture of Medical Appliances and Instruments For Measuring, Checking, Testing Navigating and Other Purposes, Except Optical Instruments*
- 3311 Manufacture of Medical and Surgical Equipment and Orthopedic Appliances
- 3312 Manufacture of Instruments and Appliances for Measuring, Checking, Testing, Navigating and Other Purposes, Except Industrial Process Control Equipment
- 3313 Manufacture of Industrial Process Control Equipment
- 332 3320 *Manufacture of Optical Instruments and Photographic Equipment*
- 333 3330 *Manufacture of Watches and Clocks*
- 34 **MANUFACTURE of MOTOR VEHICLES, TRAILERS and SEMI-TRAILERS**
- 341 3410 *Manufacture of Motor Vehicles*
- 342 3420 *Manufacture of Bodies (Coach Workers) For Motor Vehicles, Manufacture of Trailers*
- 343 3430 *Manufacture of Parts and Accessories For Motor Vehicles And Their Engines*
- 35 **MANUFACTURE of OTHER TRANSPORT EQUIPMENT**
- 351 *Building and Repairing of Ships*
- 3511 Building and Repairing of Ships
- 3512 Building and Repairing of Pleasure and Sporting Boats
- 352 3520 *Manufacture of Tramway Locomotives*
- 359 *Manufacture of Transport Equipment n.e.c*
- 3591 Manufacture of Motorcycles
- 3592 Manufacture of Bicycles and Invalid Carriages
- 3599 Manufacture of Other Transport Equipment n.e.c

- 452 ***Building of Complete Constructions or Parts There of***
 - 4521 Special Trade Construction-Concreting
 - 4522 Special Trade Construction-Structural Steel Erection
 - 4523 Special Trade Construction-Brick and Block Laying
 - 4524 Special Trade Construction-n .e .c
 - 4525 Complete Construction

- 453 ***Building Installation***
 - 4531 Plumbing
 - 4532 Installation of Electrical Wiring, Lighting
 - 4533 Installation of Air Conditioning, Heating, Lifting and Escalators
 - 4539 Other Building Installation Activities n.e.c

- 454 ***Building Completion***
 - 4541 Finish Carpentry
 - 4542 Floor and Wall Tiling
 - 4543 Painting
 - 4549 Other Building Completion Activities

- 455 4550 *Building Maintenance*
- 456 4560 *Renting of Construction Or Demolition Equipment With Operator*

- 457 ***Heavy Constructions***
 - 4571 Heavy construction of roads
 - 4572 Heavy construction of dams
 - 4573 Heavy construction of bridges
 - 4574 Heavy construction of irrigation systems
 - 4575 Heavy construction of sports facilities
 - 4579 Other heavy construction n.e.c

G *WHOLESALE and RETAIL TRADE, SALE and REPAIR of MOTOR VEHICLES, MOTOR CYCLES, PERSONAL AND HOUSEHOLD GOODS*

50 *SALE, MAINTENANCE and REPAIR of MOTOR VEHICLES, MOTORCYCLES, RETAIL OF AUTOMOTIVE*

- 501 5010 *Sale of Motor Vehicles*
- 502 5020 *Maintenance and Repair of Motor Vehicles*
- 503 5030 *Sale of Motor Vehicle Parts and Accessories*
- 504 5040 *Sale, Maintenance and Repair of Motorcycles and Related Parts and Accessories*
- 505 5050 *Retail Sale of Automotive Fuel and Lubricating and Cooling Products*

51 *WHOLESALE TRADE and COMMISSION TRADE, EXCEPT for MOTOR VEHICLES and MOTOR CYCLES*

- 511 5110 *Wholesale On A Fee Or Contract Basis*

- 512 ***Wholesale of Agricultural Materials and Animals***
 - 5121 *Wholesale of Agricultural Raw Materials and Live Animals*

- 513 ***Wholesale of food, beverages, tobacco and betel nuts***
 - 5131 *Wholesale of food*
 - 5132 *Wholesale of beverage*
 - 5133 *Wholesale of tobacco*
 - 5134 *Wholesale of betel nut*
 - 5139 *Wholesale of other commodities, n.e.c*

- 514 ***Wholesale of Household Goods***
 - 5141 *Wholesale of Textiles, Clothing and Footwear*
 - 5142 *Wholesale of Household Appliances, Articles and Equipment*

515 ***Wholesale of Metal and Chemicals***

5151 Wholesale of Solid, Liquid and Gaseous Fuels and Related Products

5152 Wholesale of Metals and Metal Ores

5153 Wholesale of Construction Materials, Hardware, Plumbing and Heating Equipment and Supplies

5159 Wholesale of Goods Such as Industrial Chemicals, Fertilizers, etc

516 5160 *Wholesale of Machinery, Equipment and Supplies*

519 5190 *Other Wholesale n.e.c*

52 **RETAIL TRADE, EXCEPT of MOTOR VEHICLES and MOTOR CYCLES, REPAIR of PERSONAL and HOUSEHOLD GOODS**

521 ***Non-Specialized Retail Trade In Stores***

5211 Tobacco, beverages and food

5212 Mixed goods

522 ***Specialized Retail Trade in Stores***

5221 Sale of pharmaceutical and medical goods, cosmetic and toilet articles

5222 Sale of textiles, clothing, footwear and leather goods

5223 Sale of household appliances, articles and equipment

5224 Sale of hardware, paints and glasses

5225 Sale of books, magazines, newspapers, stationery, etc

5226 Sale of secondhand goods and clothing

5227 Sale of food, beverages and tobacco

5229 Other specialized retail sales trade n.e.c

523 ***Retail Trade Not in Stores***

5231 Sale via mail order houses

5232 Sale via stalls and markets

5233 Sale of betel nut on road sides

5234 Sale of secondhand goods and clothing on road sides

5239 Sale of other goods and materials not in stores n.e.c

H *HOTELS AND RESTAURANTS*

55 *HOTELS and RESTAURANTS*

551 5510 *Hotels, Camping Sites and other provision of Short Stay
Accommodation*

552 ***Restaurants, Bars and Canteens***

5521 *Milk Bars Lunch Contras, Take Away Food Outlets, Kaibars*

5522 *Cafes and Restaurants*

5523 *Taverns and Bars*

5524 *Clubs Licensed To Sell Alcohol*

I *TRANSPORT, STORAGE AND COMMUNICATIONS*

60 *LAND TRANSPORT, TRANSPORT VIA PIPELINES*

602 ***Transport Via Motor Vehicles***

6021 *Scheduled PMV Transport*

6022 *Non-Scheduled PMV Transport*

6023 *Freight Transport By Road*

603 6030 *Transport Via Pipelines*

61 *WATER TRANSPORT*

611 6110 *Sea and Coastal Water Transport*

612 6120 *Inland Water Transport*

62 *AIR TRANSPORT*

621 6210 *Scheduled Air Transport*

622 6220 *Non-Scheduled Air Transport*

63 **SUPPORTING and AUXILIARY TRANSPORT ACTIVITIES,
ACTIVITIES of TRAVEL AGENTS**

630 ***Supporting and Auxiliary Transport Activities, Activities of Travel Agents***

- 6301 Cargo Handling
- 6302 Storage and Ware Housing
- 6303 Other Supporting Transport Activities
- 6304 Activities on Travel Agencies and Tour Operators, Tourists Assistance Activities
- 6309 Activities of Other Transport Agencies, n.e.c.

64 **POST and TELECOMMUNICATIONS**

641 ***Post and Courier Activities***

- 6411 National Post Activities
- 6412 Courier Activities Other Than National Post Activities

642 **6420** ***Telecommunications***

J ***FINANCIAL INTERMEDIATION***

65 **FINANCIAL INTERMEDIATION, EXCEPT INSURANCE and PENSION FUNDING**

651 ***Monetary Inter mediation***

- 6511 Central Banking
- 6519 Other Monetary Inter mediation

659 ***Other Financial Inter mediation***

- 6591 Financial Leasing
- 6592 Other Credit Granting
- 6599 Other Financial Inter mediation n.e.c

66 **INSURANCE and PENSION FUNDING, EXCEPT COMPULSORY SOCIAL SECURITY**

660 ***Insurance and Pension Funding, Except Compulsory Social Security***

- 6601 Life Insurance
- 6602 Pension Funding
- 6603 Non-Life Insurance

67 **ACTIVITIES AUXILIARY TO FINANCIAL INTERMEDIATION**

671 ***Activities Auxiliary To Financial Inter mediation, Except Insurance and Pension Funding***

- 6711 Administration of Financial Markets
- 6712 Security Dealings Activities
- 6719 Activities Auxiliary to Financial Inter mediation n.e.c

672 **6720** ***Activities Auxiliary to Insurance and Pension Funding***

K REAL ESTATE, RENTING AND BUSINESS SERVICE ACTIVITIES

70 REAL ESTATE, RENTING and BUSINESS ACTIVITIES

- 701 7010 Real estate activities with own or lease property
- 702 7020 Real estate activities on a Fee or contract basis
- 703 7030 Operation of owner occupied dwellings

71 RENTING of MACHINERY and EQUIPMENT WITHOUT OPERATOR and of PERSONAL and HOUSEHOLD GOODS

711 Renting of Transport Equipment

- 7111 Renting of Land Transport Equipment
- 7112 Renting of Water Transport Equipment
- 7113 Renting of Air Transport Equipment

712 Renting of Other Machinery and Equipment

- 7121 Renting of Agricultural Machinery and Equipment
- 7122 Renting of Construction and Civil Engineering Machinery and Equipment
- 7123 Renting of Office Machinery and Equipment (including computers)
- 7129 Renting of Other Machinery and Equipment n.e.c

713 7130 Renting of Personal and Household Goods n.e.c

72 COMPUTER and RELATED ACTIVITIES

- 721 7210 Hardware Consultancy
- 722 7220 Software Consultancy and Supply
- 723 7230 Data Processing
- 724 7240 Data Base Activities
- 725 7250 Maintenance and Repair of Office, Accounting and Computing Machinery
- 729 7290 Other Computer Related Activities

73 RESEARCH and DEVELOPMENT

- 731 7310 *Research and Experimental Development on Natural Sciences and Engineering (NSE)*
- 732 7320 *Research and Experimental Development on Social Sciences and Humanities (SSH)*

74 OTHER BUSINESS ACTIVITIES

741 *Legal Activities*

- 7411 Accounting, Bookkeeping and Auditing Activities, Tax Consultancy
- 7412 Market Research and Public Opinion Polling
- 7413 Business and Management Consultancy Activities

742 *Architectural, Engineering and Other Technical Activities*

- 7421 Architectural and Engineering Activities, and Related Technical Consultancy
- 7422 Technical Testing and Analysis

743 7430 *Advertising*

749 *Business Activities n e.c*

- 7491 Labour Recruitment and Provision of Personnel
- 7492 Investigation and Security Activities
- 7493 Building-Cleaning Activities
- 7494 Photographic Activities
- 7495 Packaging Activities
- 7499 Other Business Activities n.e.c

**L PUBLIC ADMINISTRATION AND DEFENCE, COMPULSORY
SOCIAL SECURITY**

**75 PUBLIC ADMINISTRATION and DEFENCE, COMPULSORY SOCIAL
SECURITY**

751 Provision of Public Service

- 7511 Regulation and Administration of Health, Education plus Culture (social services)
- 7512 Regulation and Administration of Business
- 7513 Regulation and Administration of Defence
- 7514 Regulation and Administration of Foreign Affairs
- 7515 Regulation and Administration of Finance and Treasury
- 7516 Regulation and administration of Public Services
- 7517 Regulation and Administration of Police, Public Order and Safety activities
- 7519 General Public Service and Administration and Social Security, n.e.c

M EDUCATION

80 EDUCATION

801 Primary and Top up

- 8011 Primary
- 8012 Primary Top up

802 Secondary and Top-Up

- 8021 General Secondary
- 8022 Top up Secondary
- 8023 Technical and Vocational

803 8030 Higher Secondary

804 8040 Tertiary

805 8050 Education - special

809 8090 Adult and Other Education

N HEALTH AND SOCIAL WORK

85 HEALTH and SOCIAL WORK

851 *Human Health Activities*

- 8511 Hospitals Activity
- 8512 Medical and Dental Practice Activities
- 8519 Other Human Health Activities

852 8520 *Veterinary Activities*

853 *Community Care Services*

- 8531 Residential Care Service (disable, nursing homes)
- 8532 Non Residential Care Service (marriage counselling, etc)

**O OTHER COMMUNITY, SOCIAL AND PERSONAL SERVICE
ACTIVITIES**

**90 SEWAGE and REFUGE DISPOSAL, SANITATION and SIMILAR
ACTIVITIES**

- 900 9000 *Sewage and Refuge Disposal, Sanitation and Similar
Activities***

91 ACTIVITIES of MEMBERS ORGANIZATION, N.E.C

910 *Activities of Member Organisations*

- 9101 Activities of Business and Employers Organizations
- 9102 Activities of Professional Organizations
- 9103 Activities of Trade Union
- 9104 Activities of Religious Organization
- 9105 Activities of Political Organization
- 9109 Activities of Other Member Organization n.e.c

92 RECREATIONAL, CULTURAL and SPORTING ACTIVITIES

921 *Motion Picture Radio Television and Other Entertainment Activities*

- 9211 Motion Picture and Video Production and Distribution
- 9212 Motion Pictures Projection
- 9213 Radio and Television Activities
- 9214 Dramatic Arts, Music and Other Arts Activities
- 9219 Other Entertainment Activities n.e.c

922 9220 *News Agency Activities*

923 *Cultural, Sporting and Other Recreational Activities*

- 9231 Library Archives
- 9232 Museums Activities and Preservation of Historical Sites and Buildings
- 9233 Botanical and Zoological Gardens plus Nature reserves
- 9234 Sporting Activities
- 9239 Other Recreational plus Cultural Activities

93 OTHER SERVICES

930 *Other Services*

- 9301 Laundrettes, Dry Cleaning and other Washing of Personal Household textiles, Household item
- 9302 Hairdressing and Other Beauty treatments
- 9303 Funeral and related activities
- 9304 Shoe Polishing and Repair
- 9309 Personal Services n.e.c

P *PRIVATE HOUSEHOLDS WITH EMPLOYED PERSONS*

95 PRIVATE HOUSEHOLDS WITH EMPLOYED PERSONS

- 950 9500 *Private Households With Employed Persons*

Q *EXTRA-TERRITORIAL ORGANIZATIONS AND BODIES*

99 EXTRA-TERRITORIAL ORGANIZATIONS and BODIES

- 990 9900 *Extra-Territorial Organizations and Bodies*

PART III. DETAILED EXPLANATION ON INDUSTRY ACTIVITY

INTRODUCTION

Part III presents more detailed descriptions of Industrial Groupings. It is an expansion of groupings and classifications outlined in Part I and Part II of this document. It facilitates the interpretations of the groupings and identifies the specific activity of each establishment.

A *AGRICULTURE HUNTING AND FORESTRY*** **(Divisions 01, 02)****

01 **AGRICULTURE, HUNTING AND RELATED SERVICE ACTIVITIES**

011 **Growing of Cereals**

The growing of cereals, except when intended solely for consumption by the grower or his or her extended family. The basic processing of agricultural products is included if it is not feasible to report separately on the growing and processing activities.

0111 Cultivation of rice

0119 Cultivation of other grain crops, n.e.c

012 **Growing of vegetables, horticultural specialties and nursery products**

This class includes growing of the following crops, in the open or under cover; includes melons, corn, mushrooms, pumpkins, cucumber, capsicum, tomatoes, etc.

0121 Cultivation of vegetables

0122 Cultivation of flowers and landscape gardening

0123 Cultivation of nursery products

013 **Growing of Fruits, Nuts, Beverages and Spice Crops**

This class includes growing of fruit: citrus, stone fruit, avocados, grapes, guava, and breadfruit.

0131 Cultivation of coconut

0132 Cultivation of coconut and cocoa (combined)

0133 Cultivation of cocoa

0134 Cultivation of coffee

0135 Cultivation of tea

- 0136 Cultivation of Spices (chillies, cardamom, pepper, and ginger)
- 0137 Cultivation of bettlenut
- 0139 Cultivation of other Fruits, Beverages, Nuts, and Spice crops, n.e.c.

014 Other Crops

This class includes growing of cotton, vegetable textile materials, leguminous vegetables such as field peas and beans, herbs and.....

Crops for commercial purposes which were not identified in any of above classes.

- 0141 Cultivation of tobacco
- 0142 Cultivation of rubber tree
- 0143 Cultivation of oil palm
- 0144 Cultivation of peanuts
- 0145 Cultivation of pyrethrum
- 0146 Cultivation of Sugar cane
- 0149 Cultivation of other crops, n.e.c.

015 Farming of Animals

The keeping of cattle, pigs, poultry, bees, silkworms and other livestock, where it is intended to sell the livestock or their products.

- 0151 Cattle raising, for beef and dairy products.
- 0152 Pig raising.
- 0153 Poultry farming, for eggs and meat.
- 0154 Bee keeping.
- 0155 Crocodile farming
- 0156 Silk Farming
- 0159 Other animal farming, n.e.c.

016 0160 Mixed Farming; growing of crops combined with animal farming.

Establishments engaged in the raising of crops and the keeping of livestock, where it is not clear that either activity predominates. Where one activity is dominant the establishment is classified to the respective of either group 011 (growing of crops) or group 015 (farming of animals).

017 0170 Agricultural Services

Specialised activities, on a fee or contract basis, mostly performed on the farm, including; providing agricultural machinery with a driver; harvesting and activities related to harvesting such as cleaning, trimming, grading, drying or bulk packaging. Activities of farm labor contractors.

018 0180 Hunting, trapping and game propagation

Hunting and trapping on a commercial basis. Taking of animals, dead or alive, for food, fur, skin, or for use in research zoos or as pets. Production of fur skins, reptile or bird skins from hunting and trapping activities. Game propagation and breeding of game. Collection of butterflies for sale and hunting of crocodiles. Service activities to promote hunting and trapping.

019 0190 Subsistence activities

The raising of any crops or livestock, and hunting, gathering and fishing, where it is intended that all, production will be consumed by the grower or his extended family.

02 FORESTRY, LOGGING and RELATED SERVICE ACTIVITIES

021 Forestry

This class forestry includes all those activities described in the class categories below and service activities to forestry.

0211 Planting and conservation of forests

Growing of standing timber, planting, replanting, trimming and conservation of forests and timber tracts. Operation of tree nurseries.

0212 Services to forestry

Forestry service activities such as timber evaluation, fire fighting and forest management including forestation and reforestation.

0213 Gathering of minor forest products

Gathering of gums, resins and burkes. Charcoal burying where carried out in the forest.

022 Logging

0221 Logging

Logging operations, logging camps, logging contractors and loggers primarily engaged in felling timber and producing wood in the rough.

0222 Services to logging

Logging service such as transport of logs, logs numbering, stevedoring, and associated activities providing services in the logging operations.

B FISHING

05 AQUATIC

The catching of fish, prawns, crayfish or collecting of shellfish or catching of turtles and other marine products for commercial purposes in ocean, coastal or inland waters. The operation of pearl beds and fish hatcheries and the raising of fish and crustacean in enclosed waters. Processing of fish etc where carried out aboard the fishing boat.

051 Fishing

0511 Fishing for tuna or - tuna fishing

0512 Fishing for barramundi

0513 Fishing for crustaceans (prawns, lobsters, crayfish and crabs)

0519 Other fishing, n.e.c.

052 Other Aquatic Product Gatherings

0521 Collecting of Shellfish

0522 Collecting of sea corals

0523 Collecting of sea and fresh water shells

0524 Catching of reptiles (e.g turtles or crocodiles)

0525 Collecting of sea urchins (sea cucumber) or other echinoderms

0529 Other aquatic products, n.e.c.

053 Farming of sea and fresh water species

0531 Fish Farming (both fresh and salt water species)

0532 Farming of turtles

0539 Farming of other aquatic life, n.e.c.

**C MINING and QUARRYING
(Divisions 10 - 14)**

10 MINING of COAL

The extraction and mining of minerals occurring naturally as solids, such as coal and ores, liquid, such as crude petroleum, or gasses, such as natural gas. underground or surface mining, well operation, and all supplementary activities aimed at preparing the material for marketing, done generally near or at the mine site, such as milling and dressing.

101 1010 Mining of coal

**11 EXTRACTION of CRUDE PETROLIUM and NATURAL GAS
RELATED SERVICES**

111 1110 Extraction of crude petroleum and natural gas

Extraction of crude petroleum, oils and bituminous minerals (natural products). Includes the drilling of wells, other than on a fee or contract basis, in established (proven) fields, i.e., wells in fields.

This includes ore such process as, decant, de-salting, dehydration, stabilization, elimination of very light fractions. Production of crude gaseous, hydrocarbon (natural gas).

112 1120 Services and activities related to oil and gas extraction

Oil and gas field services provided on a fee or contract basis. Included is the drilling of wells in established (proven) fields, "spudding in" derrick building, pumping wells and other service activities. Test drilling and test hole boring in not yet proven oil and gas fields (Exploratory drilling).

12 120 1200 *Mining of uranium and thorium ores.*

13 **MINING of METALS**

131 1310 **Mining of iron ores**

Mining of ores chiefly for their own content.

132 **Mining of non-ferrous ores**

Mining of ores valued chiefly for iron content such as hematite, magnetite, limonite, siderite or taconite.

1321 Mining of copper ores

1322 Mining of gold ores

1323 Mining of other non-ferrous metal ores, including lead, aluminum, chrome, nickel, zinc, in, silver, etc.

14 **OTHER MINING and QUARRYING**

141 1410 **Quarrying of stone, sand and clay**

Operation of quarries producing non-metal and building-stone in the rough, roughly trimmed, or cut by sawing or by other means typically done at the quarry, such as slate, marble, granite. Mining of chalk and dolomite. Crushing and breaking stone for use as a flux or raw material in lime or cement manufacture or as a building material, road or ballast. Mining of clays for the ceramic or refractory industries, for drilling mud, or as a filter medium. Operation of sand or gravel pits.

142 **Mining and quarrying**

1421 Mining of chemical and fertilizer minerals

Mining of minerals valued chiefly for nitrogen, potassium or phosphorous. Mining of other minerals chiefly as a source of chemicals, e.g. Sulfur and pyrites.

1422 Extraction of salt

Salt mining, crashing and screening. Salt production by solar evaporation of sea water, lake brine or other natural brines.

1429 Mining and quarrying not else where classified.

Mining and quarrying of minerals or other materials not else where classified, including abrasive materials, gem stones, asbestos, natural graphite, quartz, mica, talc and the mining of natural asphalt or bitumen.

D **MANUFACTURING**
(Divisions 15 - 37)

Manufacturing is defined as the physical or chemical transformation of materials or components into new products, whether the work is performed power- driven machinery 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. Assembly of component parts of manufactured products is considered manufacturing, except in cases where the activities is appropriately classified in construction. Assembly and installation of machinery and equipment in mining, manufacturing, commercial or other establishments, when carried out as a specialized activity, is classified in the same of manufacturing as manufacture of the item installed.

Activities of units primarily engaged in maintenance and repair of industrial, commercial and similar machinery and equipment are, in general, classified in the same class of manufacturing as those specializing in manufacturing the goods. However units engaged in repair of office and computing machinery are classified in Class 7250. Units of the main activity of which is repair of household appliances, equipment and furnishings, motor vehicles and other consumer goods are, as a general rule, classified in the appropriate class of Division 50 or 52 in accordance with the type of goods which are repaired.

Substantial alteration, renovation or reconstruction of goods is generally considered to be manufacturing.

Manufacture of specialized components and parts of, and accessories and attachments to, machinery and equipment is as a general rule, classified to the same class as the manufacture of the machinery and equipment for which the accessories or parts are intended. Manufacture of unspecialized component, e.g., engines pistons, electric motors, is classified in the appropriate class of manufacturing, without regard to the machinery and equipment in which these items may be included. Also included is the re-dying of waste materials.

15 **MANUFACTURE of FOOD PRODUCTS and BEVERAGES**

151 Production, processing and preservation of meat, fish, fruits, vegetables, oils and fats.

1511 Production, processing and preserving of meat and meat products.

Operation of slaughterhouses killing, dressing or packing of meat of cattle, pigs, sheep, goats, horses, poultry, farm or other animals. Production of fresh, chilled or frozen meat and meat products by drying, smoking, salting, immersing in or canning. Sausage production. Rendering of edible animal fats. Production of by-products such as raw hides and skins, pulled wool, feathers, teeth or bones.

1512 Processing and preserving of fish and fish products.

Preservation of fish (including crustacean) and fish products by drying, smoking, immersing in brine or canning. Production of cooked fish. Production of fresh, chilled or frozen fillets. Production of fish paste and fishmeal for human or animal consumption. Activities of vessel engaged in processing and preserving fish etc included.

1513 Processing and preserving of fruit and vegetables.

Preservation of fruits or vegetables by freezing, canning, drying or immersing in oil or vinegar. Manufacture of prepared meals of vegetables. Manufacture of jams, marmalades or jellies of fruit or vegetables.

1514 Manufacture of vegetable and animal oils and fats

The production of oils and fats from vegetable or animal materials except by rendering (Class 1511) such as nuts or olives. Production of margarine or other cooking oils or fats.

152 1520 Manufacture of dairy products

Milk processing, grading, filtering, testing or chilling fresh, liquid whole milk or cream from milk; pasteurizing, sterilizing etc, milk; bottling or cartonising milk. Production of natural butter and cheese. Production of cheese, whether fresh or processed. Production of ice-cream. Production of casein or lectors; powdered milk.

153 Manufacture of grain mill products, starches and starch products, and prepared animal feeds.

1531 Manufacture of grain mill products

Grain milling to produce flour, meals or pellets of wheat, rye, oats, corn or other cereal grains. Rice milling and production of processed rice and flour. Vegetable milling. Pulse, root and coffee peeling (manufacture of “green bean” coffee). Manufacture of cereal products and prepared, blended flour and dough for bread, cakes, biscuits, etc.

1532 Manufacture of starches and starch products

1533 Manufacture of prepared animal feeds

154 Manufacture of other food products

1541 Manufacture of bakery products

Fresh, frozen or dry bakery products, such as bread, pastry, cakes, pies, tarts, biscuits and other “dry” bakery products.

1542 Manufacture of sugar

Production of sugar from cane or beet, whether raw cane sugar, refined sugar and syrups made of sugar, e.g., molasses.

1543 Manufacture of cocoa, chocolate and sugar confectionery

Manufacture of cocoa, cocoa butter, fat or oil, chocolate or chocolate preparations and sugar confections, chewing gum, Reserving in sugar of fruits, nuts, fruit-peels and other parts of plants.

1544 Manufacture of macaroni, noodles, and similar pasta Products

Manufacture of pasta products, whether uncooked, cooked, stuffed, fresh, canned or frozen.

1545 Manufacture of Sago

The processing of the sago from its initial stage from the sago tree. and other Products of sago from its final stage.

1549 Manufacture of other food products n.e.c.

Coffee roasting, grinding or packing. Manufacture of tea. Production of liquid, powdered or frozen eggs. Production of foods for infants. Roasting of nuts or manufacture of nut foods or pastes. Manufacture of soups in liquid, frozen or powder forms. Manufacture of spices, sauces and condiments. Manufacture of vinegar, yeast or other food products not elsewhere classified.

155 Manufacture of beverages

1551 Distilling, rectifying and blending of spirits; ethyl, alcohol production from fermented materials.

Manufacture of distilled, potable, white rum, tradewind, bourbon, dark rum, scotch whiskey, brandy, gin, vodka, "mixed drinks", liquors or other alcoholic beverages containing distilled ethyl alcohol.

1552 Manufacture of wines

Manufacture of wine, Perry, cider, mead (or sake) from grapes not grown by the same unit, including sparkling and flavored wines. Manufacture of fortified wine such as sherry and Marsala is included.

1553 Manufacture of beer, other malt liquors and malt

Production of malt liquors such as ice beer, export larger and ozone, live lave, malt.

1554 Manufacture of soft drinks and Production of mineral waters

Manufacture of non-alcohol beverages commonly known as soft drinks, drinks flavored with fruit juices, syrups, or other materials such as coca cola, vita juices, cordials etc. Production, or bottling at the source of spa or mineral waters.

16 MANUFACTURE of TOBACCO PRODUCTS

160 Manufacture of tobacco products

1601 Manufacture of tobacco products such as cigarettes or cigars, pipe tobacco, chewing tobacco or snuff.

17 **MANUFACTURE of TEXTILES**

171 **Spinning, weaving and finishing of textile fibers**

1711 Preparation and spinning of textile fibers; weaving of textiles. Preparatory operations on textile fibers such as: reeling and washing of silk, degreasing, fleece dyeing of wool, any other preparatory operations including carding or combing of these fibers and of jute, sisal, flax or ramie, manila hemp, coil or other animal or vegetable fibers and of all kind of man-made fibers. Spinning, manufacture of yarn or thread for weaving or sewing, for retail sale, whole sale or further processing.

Weaving, manufacture of broad woven fabrics of all the above mentioned materials, including their mixtures. Finishing operations such as bleaching, dyeing, calendaring, napping, shrinking or printing are included, as long as they are done as part of the above mentioned processes.

1712 Sewing, Screen Printing and Embroidery

1713 The sewing and screen printing and the embroidery process at the Manufacturing stage

172 **Manufacture of other textiles**

1721 Manufacture of made - up textile articles, except apparel

Manufacture, from fabric materials or made-up articles of any extile material, including knitted or crocheted fabrics. It includes manufacture of articles such as:-

blankets, travelling rugs and all kinds of bed, table or other household linen. Made-up furnishing articles like curtains, valances, blinds, bedspreads.

Some stuffed articles like quilts, eiderdowns, cushions, poufs, pillows and sleeping bags. Tarpaulins, tents, camping goods, sails, sun-blinds, loose covers for cars, machines or furniture. Flags, banners, pennants. dust-cloth, life jackets etc. hand-woven tapestry.

1722 Manufacture of carpets and rugs

Manufacture of textile floor covering either in piece or measured such as:- carpets, rugs and mats produced by weaving, tufting, braiding, flocking, needle punching etc., from yarns or wool, cotton, man-made fibers, jute, cocoa choir, sisal and similar fibers.

1723 Manufacture of cordage, rope, twine and netting

Manufacture of cordage, rope, twine and cables of textile fibers. Manufacture of netting of cordage, rope or twine and manufacture of products of rope or netting such as made-up nets, fishing nets, ships fenders, unloading cushions, loading slings, rope or cable fitted with metal rings.

1729 Manufacture of other textiles n.e.c.

Activities related to textiles or textile products, not specified elsewhere in Division 17 (Manufacture of textiles) or 18 (Manufacture of wearing apparel; dressing and dyeing of fur) or anywhere else in this classification.

173 1730 Manufacture of knitted and crocheted fabrics and articles

Activities in which products are actually knitted or crocheted whether by hand or with more or less complicated machines. Manufacture of knitted or crocheted fabrics and of articles that are knitted or crocheted directly to shape. This involves articles such as jerseys, pullovers, cardigans, T-shirts and other vests, pantyhose, tights, stockings, socks and other hosiery. Manufacture of wearing apparel of fabric knitted in the same unit.

18 MANUFACTURE of WEARING APPAREL, DRESSING and DYEING of FUR

181 1810 Manufacture of wearing apparel, except fur apparel

Manufacture of wearing apparel made of material not made in the same unit. The material used may be of any kind (except fur skin) such as fabric, woven, knitted or crocheted, non-woven, lace or other textile material, leather or imitation leather, plaited material set. It may be coated, impregnated or rubberized. In principle the raw material is cut and sewn together. Both regular and contract activities and custom tailoring are included. Manufacture of wearing apparel for men, women, children and babies, of outerwear, underwear and nightwear, of normal, formal, work or sport clothing, of hats and caps and of all kinds of clothing accessories such as gloves, belts, shawls, ties, cravats, hair nets etc. Also manufacture of parts of this products.

182 1820 Dressing and dyeing of fur; manufacture of articles of fur.

Production of dressed fur skins and hides and skins that have been tanned and dressed with the hair on and the manufacture of articles of fur skins or hides with the hair on.

Production of fur skins includes such operations as scraping, currying, tanning, bleaching, shearing and plucking to prepare the skins for the fur trade.

Manufacture of artificial fur and articles

**19 FOOTWEAR TANNING and DRESSING of LEATHER;
MANUFACTURE of LUGGAGE, HANDBAGS, SADDLERY, and
HARNESS**

191 Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness

1911 Tanning and dressing leather

Production of tanned or dressed leather; vegetable, mineral or chemical tanning. Manufacture of chamois-dressed, parchment-dressed, or patent and metallized leathers and of composition leather, i.e. slabs, sheets or strip of a material with a basis of leather or leather fiber.

1912 Manufacture of luggage, handbags and the like, saddlery and harness

Manufacture of luggage, handbags, saddlery and harness and other articles not elsewhere classified of leather or composition leather. Manufacture of luggage, handbags and the like when made of other materials (mostly imitation leathers), such as plastics, textile materials, vulcanized fiber or paperboard.

192 1920 Manufacture of footwear

Manufacture of footwear for all purposes (other than orthopedic footwear), of any material (other than of asbestos or of textile material lacking applied soles), by any process, including moulding. The materials used may be leather, rubber, plastics, textile materials, wood or other materials and the processes applied: Cutting and sewing, gumming, moulding or any other process. Manufacture of gaiters, leggings and similar articles and of parts of footwear such as uppers and parts of uppers, outer and inner soles etc., of any material.

20 MANUFACTURE of WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE; MANUFACTURE OF ARTICLES OF STRAW AND PLAITING MATERIALS

201 2010 Saw-milling and planing of wood

Operations of sawmills and planing mills, whether or not mobile, in the forest or else where. Sawing rough lumber or timber from log and bolts or resawing cants and flitches in to limber. Planing combined with sawing or separately, producing surfaced lumber and timber and standard workings or patterns of lumber. Slicing, peeling or chipping logs. Impregnating or chemical treatment of wood with preservatives or other materials. Manufacture of wood wool, wood flour, chips particles, when done as a primary activity. Manufacture of unassembled wood flooring, including parquet flooring.

202 Manufacture of products of wood, cork, straw and plaiting materials

2021 Manufacture of veneer sheets; manufacture of plywood, particle board and other panels and boards

Manufacture of veneer sheets thin enough to be used for veneering or making plywood or for other purposes. Manufacture of plywood, veneered panels and similar laminated wood and manufacture of particle board and fiberboard. Production of densified wood.

2022 Manufacture of products of wood for carpentry and joinery

Manufacture of wooden goods intended to be used primarily in the construction industry

Examples are:-

Builders carpentry, including beams, rafters, roof struts; builders joinery including doors, windows, shutters and their frames, railings; wooden beading and molding, shingles and shakes; cellular wood panels, wainscot, built-in-closets. Production of unassembled pieces of these goods is included. Manufacture of prefabricated buildings, predominately of wood.

2023 Manufacture of wooden and cane containers.

Manufacture of packing cases, crates and similar packing of woods, pallets, box pallets and other load boards of wood. Manufacture of barrels, vats, tubs and other coopers products and parts thereof, made of wood.

2024 Manufacture of wooden carvings and other wooden and cane artifacts.

2029 Manufacture of articles of cork, straw, cane and other plaiting materials

Manufacture of wood products not elsewhere classified such as: tools, handles and bodies for brooms or brushes; boot or shoe lasts of wood; statuettes and other ornaments of wood; wood Marquette and inlaid wood; caskets and other cases of jewelry and cutlery and similar articles of wood; household utensils and kitchenware of wood. Manufacture of other articles of wood not elsewhere classified. Natural cork processing to obtain such products as debarked or roughly squared cork blocks, sheets, plates or strip. Manufacture of articles of cork. Manufacture of mats matting or screens. Manufacture of baskets, wickerwork and other articles made directly to shape from plaiting materials, or made up from sheets, strands or plaits.

21 MANUFACTURE of PAPER PRODUCTS

210 Manufacture of paper products.

2101 Manufacture of pulp, paper and paper board

Manufacture of wood pulp: mechanical or chemical; bleached or unbleached, making of pulp from waste paper. Operation of paper mills and manufacture of unquoted or machine coated paper or paperboard in rolls or sheets.

Stock papers for conversion into towels, napkins facial tissues, papers used for packaging, as corrugated medium or in cigarette manufacture. Manufacture of multi-ply paper and paperboard. Manufacture of greaseproof, tracing or other glazed transparent or translucent papers. Further processing of papers and paperboard producing coated, covered or impregnated paper, creep paper, composite paper and paperboard .

2102 Manufacture of corrugated paper and paper board and of containers of paper and paperboard.

Manufacture of corrugated paper or paperboard; containers of corrugated paper or paperboard; cartons, boxes and cases on non-corrugated paper or paper board, sacks and bags; other containers of paper.

2109 Manufacture of other articles of paper and paperboard.

Manufacture of carbon paper, self-copy paper, envelopes, cards, toilet paper, cleansing tissues, facial tissues, paper cups and plates, and other articles of paper, paper board or molded paper pulp.

22 **PUBLISHING, PRINTING and REPRODUCTION OF RECORDED MEDIA**

221 - Publishing

Publishing whether or not connected with printing. Publishing involves financial, technical, artistic, legal and marketing activities .

2211 Publishing of books, brochures, musical books and other publications.

2212 Publishing of news papers, journals and periodicals

2213 Publishing of recorded media

2219 Other publishing

Publishing of photos, engravings and post cards, time-tables, forms, posters, reproductions of works of art or other printed matters.

222 Printing and service activities related to printing.

2221 Printing

Printing of news paper, magazines, periodicals, journals, books, maps, posters, and other material for others on a fee or contract basis. Printing includes reproducing material by means of duplicating machines, computer, controlled reproduction, embosses, photocopiers or thermo copiers

2222 Service activities related to printing.

Bookbinding, Production of composed type, preparing printing plates or cylinders, impressed lithographic stones or other impressed media for use in printing in another unit.

223 2230 Reproduction of recorded media

Reproduction of records, audio, video and computer tapes from master copies, reproduction of floppy, hard or compact disks, reproduction of non-customized soft ware and film duplicating.

23 MANUFACTURE of COKE, REFINED PETROLEUM PRODUCTS and NUCLEAR FUEL

231 2310 Manufacture of coke oven products.

232 2320 Manufacture of refined petroleum products.

Production of liquid or gaseous fuels, illuminating oils, lubricating oils or greases or other products from crude petroleum or bituminous minerals or their fractionation products.

Manufacture or extraction of such products as petroleum jelly, paraffin wax, other petroleum waxes and other residual products.

24 MANUFACTURE of CHEMICALS and CHEMICAL PRODUCTS

241 Manufacture of basic chemicals

2411 Manufacture of basic chemicals, except fertilizers and nitrogen compounds

Manufacture of industrial gases, other chemical elements, inorganic acids, basic organic chemicals, benzene, coloring matter of vegetable or animal origin, synthetic dyestuffs, synthetic tanning agents.

2412 Manufacture of fertilizers and nitrogen compounds

Manufacture of straight, mixed, compound or complex nitrogenous, phosphoric or potassium fertilizers and urea. Manufacture of products of fertilizer industry such as nitric acid, ammonia, commercial ammonium chloride, nitrates of potassium.

2413 Manufacture of plastics in primary forms and of synthetic rubber

Manufacture of plastic in primary form, including polymers of ethylene, polypropylene, styrene, vinyl chloride, polycarbonates, polyurethane's, silicones, and cellulose. Manufacture of synthetic rubber derived for oils, in primary forms.

242 Manufacture of other chemical products

2421 Manufacture of pesticides and other agro-chemical products

Manufacture of insecticides, rodenticides, fungicides, herbicides, plant growth regulators, disinfectants and other agro-chemical products not elsewhere classified.

2422 Manufacture of paints, varnishes, similar coatings, printing inks and mastics.

Manufacture of paints, varnishes, enamels, lacquers, prepared pigments for paints; pigments and other coloring matter of a kind used in the manufacture of paints by other artists or other painters; mastics and similar caulking and surfacing preparation compounds; solvents and thinners not else where classified; prepared paints or varnish removers; printing ink.

2423 Manufacture of pharmaceuticals, medical chemicals and botanical Products

Manufacture of pharmaceutical preparations for human or veterinary use; generic or proprietary preparations; preparations available for the public or control by the health system; surgical dressings, medicated wadding, fracture dressings, catgut and other prepared sutures; cement used in dentistry; chemical substances used in the

preparation pharmaceuticals such as antibiotics, endocrine products, basic vitamins, opium derivatives, sulfa drugs, etc.

2424 Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet cleaning.

Manufacture of soap; surface- active agents or preparation for use as washing or cleaning preparations shampoos, hair lacquers, shaving preparation; odiferous preparation for use in the person such as perfumes; beauty or make-up preparations; preparations for oral or dental hygiene; deodorants and bath salts; polishes and cream for footwear, floors, glass or metal, scouring pastes and powders; artificial waxes and prepared waxes consisting of mixtures of waxes; preparation for performing or deodorizing rooms.

2429 Manufacture of other chemical products n.e.c.

Manufacture of explosives, pyrotechnic products, propellant powders, detonating fuses, fireworks, signaling flares and the like; gelatin and gelatin derivatives, glues of animal origin including adhesives based on plastic or rubber; materials used in the finishing of textiles powders and paste used in soldering and welding; photochemical products such as photographic plates, films, sensitized paper, other sensitized unexposed materials, and chemical preparations for photographic uses; writing and drawing ink; prepared unrecorded media for sound recording; processed salt.

243 2430 Manufacture of man-made fibers

Manufacture of artificial or synthetic filament yarn, whether or not textured, high tenacity, multiple or cabled. Manufacture of synthetic or artificial non-filament or strip (e.g. artificial straw).

25 MANUFACTURE of RUBBER and PLASTICS

251 Manufacture of rubber products

2511 Manufacture of rubber tyres and tubes; retreating and rebuilding of rubber tyres.

Manufacture and retreating of rubber tyres including tyres for equipment or mobile machinery. Manufacture of inner tubes for tyres. Tyre manufacturing. Replacing of tread on used pneumatic tyres.

2519 Manufacture of other rubber products

Manufacture of rubber products n.e.c. manufacture of semi-finished or finished rubber products; unvulcanized or hard rubber products; products wholly or partly synthetic or natural rubber, or of rubber - like gums. The large variety of activities include manufacture of plates, sheet, strip, rods, and belts or belting; hygienic or pharmaceutical articles; articles of apparel; floor coverings etc.

252 2520 Manufacture of plastic products

Manufacture of plastic products such as plates, sheets, films, pipes and hoses; hose and pipe fittings; plastics floor, wall or ceiling coverings in rolls or in the form of tiles; or other primary plastics products. Manufacture of plastics articles; sanitary ware including baths, wash basins, lavatory pans; articles for the packing of goods such as bags, sacks, boxes, cases, bottles, etc.; tableware, kitchenware and toilet articles; builders ware including doors, windows and their frames, shutters, blinds; and other articles such as headgear, insulating fittings, parts of lamps and lighting fittings, office or school supplies, articles of apparel, fittings for furniture, coach work and the like, statuettes and other ornamental articles.

26 MANUFACTURE of OTHER NON-METALLIC MINERAL PRODUCTS

261 2610 Manufacture of glass and glass products.

Manufacture of glass in all its forms and articles of glass in the mass and in other states whether or not worked, including sheets, plates, tubes or rods. Manufacture of glass of different chemical composition, including fused silica. Manufacture of glass of different physical characteristics including wired, colored, tinted, toughened or laminated glass by casting, drawing, blowing, rolling, or by the float or other process. Articles of glass used in construction such as glass block, glass containers, including lids and stoppers, glass envelopes, including inner for various vessel; glass kitchen or tableware and glass used in toilets, office or other places, laboratory, hygienic or pharmaceutical glassware; clock or watch glass, optical glass and optical glass elements not optically worked etc. Glassware used in imitation jewelry (but not made-up imitation jewelry). Glass fibers (including glass wool) and yarn of glass fibers. Manufacture of non-woven glass fabrics, mats, mattresses, boards and similar non-woven products.

269 Manufacture of non-metallic mineral products n.e.c.

2691 Manufacture of non-structural non-refractory ceramic ware.

Manufacture of non-structural non-refractory ceramic articles of porcelain or china, stoneware, earthenware, imitation porcelain or common pottery. Tableware and other articles of a kind commonly used for domestic or toilet purposes. Manufacture of statuettes and other ornamental ceramic articles. Ceramic laboratory, chemical, industrial goods or ceramics used in agriculture. Ceramic sanitary fixtures and other non-structural ceramic articles. Electrical insulators of ceramics. Manufacture of insulating fittings, for electrical machines, appliances or equipment, or ceramics.

2692 Manufacture of refractory ceramic products

Manufacture of heat-insulating ceramic products made by shaping and subsequently firing siliceous fossil meals: refractory bricks, blocks, tiles and similar refractory ceramic building materials. Ceramic products that can withstand the high temperatures encountered in metallurgical operations. Refractory cements. Retorts, crucibles, muffles, nozzles, tubes, pipes, etc.

2693 Manufacture of structural non-refractory clay and Ceramic products.

Manufacture of ceramic building materials such as bricks, flooring blocks, roofing tiles and chimney-pots. Manufacture of ceramic pipes, conduits, guttering and pipe fittings. Manufacture of ceramic flags and paving, hearth or wall tiles, mosaic cubes and the like, whether or not glazed.

2694 Manufacture of cement, lime and plaster.

Manufacture of hydraulic cements, including portland, aluminized slag and super phosphate, whether or not in the form of clinkers.

Manufacture of quicklime, slaked lime and hydraulic lime.
Manufacture of plaster consisting of calcimined gypsum or calcium sulfate.

2695 Manufacture of articles of concrete, cement and plaster.

Manufacture of concrete, cement or plaster articles for use in construction, such as tiles, flagstones, bricks, boards, sheets, panels, pipes and pots. Other articles of concrete, cement plaster, e.g. statuary, furniture, vases, flowerpots etc. Ready-mixed concrete and mortars. Building materials of vegetable substances (e.g: wood wool, straw, reeds, rushes) agglomerated with cement, plaster or other mineral binder.

Articles of asbestos-cement, of cellulose fiber- cement or the like.

2696 Cutting, shaping and finishing of stone.

Cutting, shaping and finishing stone for use in construction, in cemeteries, on roads, as roofing and in other applications. Operations carried out on rough stone delivered by quarries.

2699 Manufacture of other non-metallic mineral products n. e. c.

Manufacture of asbestos yarn and fabric, and articles of asbestos yarn or fabric such as clothing, headgear, foot wear, cord, string, paper or felt. Friction material with a basis of asbestos or other mineral substances of cellulose. Mineral insulating materials: slag wool, rock wool, and similar mineral wool; exfoliated vermiculate, expanded clays and similar mineral heater- insulating, sound-insulating or sound absorbing materials. Products of glass wool for heat- insulating. Articles of asphalt or of similar material, e.g. coal, tar, pitch, millstones, sharpening or polishing stones and natural or artificial abrasive products, including abrasive powder or grain on a base of textile material, paper, paperboard or other material.

Articles of other mineral substances n. e. c.

271 2710 Manufacture of basic iron and steel.

Operation of blast furnaces, steel converters, rolling and finishing mills.

Manufacture of primary iron and steel products, i.e; production of primary ferrous metal products in granular or powder form, blocks, lumps or liquids from ore or scrap. Iron and ferrous- alloys. Blooms, billets, slates, or other forms of semi-finished iron, steel or alloy steel. Rolled, drawn, extruded or forged iron, steel or alloy steel products.

Products of the rolling, finishing and tube mills and sheets, plates, strip coils; bars and rods; hollow drill bars and rods; angles, shapes, sections and wire; tubes, pipes and hollow profiles of iron or steel, seamless, including cast, tubes, pipes and hollow profiles open seam or welded, riveted or similarly closed; railway and tramway track construction material.

272 2720 Manufacture of basic precious and non-ferrous metals

Manufacture of ferrous metals: gold, silver, and metals of the platinum group.

Refining of the above mentioned precious metals. Production of unwrought or rough precious metals: silver in lumps, grains, ingots, cast bars, pellet sets, or in rolled bars, rods, sections, wire, plates, sheets and strip, or in tubes, pipes, hollow bars, foil, powder etc.

Production of non-ferrous metals: from ore, mattes, other raw or from scrap. Operations carried on by the smelters, by electrolytic refiners of copper, lead, chrome, manganese, zinc, aluminum, and nickel, tin or other non-ferrous base metals and alloys of such metals.

Production of aluminae and metals of nickel or of copper. Manufacture of non-ferrous base metal products by rolling, drawing or extruding. Manufacture of powders or flakes; foil; plates, sheets, pipes and tube or pipe fittings.

Production of monetary gold.

273 Casting of metals

2731 Casting of iron and steel.

Casting finished or semi-finished products of cast iron or cast steel.

2732 Casting of non-ferrous metals.

Casting finished or semi-finished products of non-ferrous metals.

28 MANUFACTURE of FABRICATED METAL PRODUCTS, EXCEPT MACHINERY and EQUIPMENT

281 Manufacture of structural metal products, tanks, reservoirs and steam generators.

2811 Manufacture of structural metal products.

Manufacture of metal structures, parts metal structures, fabricated structural steel and similar products, including bridges and bridge parts, towers, mast, columns, girders, trusses, arches, rafters, pit-head frames, telescopic props, sluice gates, piers, jetties.

Manufacture of metal doors, windows and their frames, shutters, fire-escapes, gates, and similar metal work used on buildings.

Manufacture of the articles classified here is predominantly of iron, steel or aluminum. The articles are transportable goods ready for assembly, installation or erection (e.g. at a building site by a construction establishment). Erection of metal structures from self-manufacture parts.

2812 Manufacture of tanks, reservoirs and containers of metal.

Manufacture of containers of metal for compressed or liquid fired gas. Manufacture of central heating boilers and radiators. Manufacture of reservoirs, tanks and similar containers.

2813 Manufacture of steam generators, except extra heating hot water boilers.

Manufacture of nuclear reactors for all purposes other than isotope separators.

Manufacture of steam or other vapor generating boilers other than central heating hot water boilers even if capable also of producing low pressure steam.

Manufacture of auxiliary plant for use with boilers, such as economizers, upper-heaters, steam collectors and accumulators. Also, soot removers, gas recovers and sludge scrapers.

289 Manufacture of other fabricated metal products; metal working service activities.

2891 Forging, pressing, stamping and roll-forming of metal; powder metallurgy.

Manufacture of wide variety of finished or semi-finished metal products by forging, pressing, stamping, roll-forming, i.e. deformation of metal by compressive forces exerted by objects directly from metal powders, by heat treatment (sintering) or under pressure.

2892 Treatment and coating of metals; general mechanical engineering on a fee or contract basis.

Plating, polishing, anodizing, coloring, engraving, printing, hardening, buffing, debarring, sand blasting, tumbling, cleaning, welding, grinding or other specialized operations on metal and metal articles on a fee or contract basis. The units classified here are generally do not take ownership of the goods nor do they sell them to third parties.

2893 Manufacture cutlery, hand tools and general hardware.

The manufacture of metal articles for use in and about the house knives and knife blades, scissors and sectors and other utensils for use at the table or in the kitchen. Hand tools of a kind used in agriculture, horticulture or forestry, carpentry, cabinet work or other wood work. Saws and saw blades, including circular saw blades and chainsaw blades. Knives and cutting blades for machines or for mechanical appliances, inter-chargeable tool bits for hand tools, whether or not power operated, or for machine tools, drills, punches, dies, milling cutters, unmounted tool tips. Blacksmiths tools including forges and anvils. Manufacture of vices, clamps, blow lamps and the like. Locks, padlocks, clasps, keys and other hardware for buildings, furniture, vehicles or other applications.

2899 Manufacture of other fabricated metal products n. e. c.

Manufacture of metal fasteners: nails, reverts, tacks, pins, staples, washers and similar non-threaded products; and nuts, bolts, screws and other non-threaded products. Screw machine products. Metal cable, plaited bands and similar articles made of iron, steel, aluminum or copper. Articles made of wire, barbed wire, wire fencing, grill, netting, cloth, etc. Containers used for the packing or conveyance of goods: casks, drums pails, cans, boxes, etc. Springs, small hand operated kitchen appliances used in preparation, conditioning or serving of food. Metal safety headgear. Armored or reinforced safes, strong-boxes, strong-room gates and doors and the like.

29 MANUFACTURE of MACHINERY and EQUIPMENT N.E.C.

291 - Manufacture of general purpose machinery.

2911 Manufacture of engines and turbines, except aircraft, vehicle and cycle engines

Manufacture of reciprocating or rotary spark-ignition or, compression-ignition internal, combustion piston engines for use in moving or stationery applications for other than for motor vehicle or aircraft propulsion. Parts for the engines described above e.g. valves. Gas turbines other than turbo-jets or turbo-propelled-steam turbines and other vapor turbines. Hydraulic turbines, water wheels and their regulating intended for use in air craft propulsion. The turbines included here are used in marine propulsion and as prime movers of electric generators or pumps. Boil-turbine set or a stationary steam engine with integral boiler.

2912 Manufacture of pumps, compressors, taps and valves

Manufacture of hydraulic power engines and motors which consist of powerful pumps. Pumps for liquids whether or not fitted with measuring devices, including hand pumps and pumps designed for fitting to internal combustion piston engines, concrete pumps and others. Air or vacuum pumps, air or other compressors. Taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like including pressure reducing valves and thermostatically controlled valves.

2913 Manufacture of bearings, gears, gearing and driving elements.

Manufacture of ball and roller bearings, including balls, needles, rollers, races, retaining rings and other parts of bearings.

Manufacture of mechanical power transmission equipment of any material; cam shafts, crank shafts, cranks; transmission shafts; bearing housings, pillow blocks; plain shaft and other bearing housings; gears and gearing, including friction gears; gear boxes and other variable speed drives; clutches, including automatic centrifugal clutches and compressed air clutches; flywheels, shaft couplings.

Manufacture of articulated link chain.

2914 Manufacture of ovens, furnaces and furnace burners.

Manufacture of non-electric furnaces and ovens for roasting, melting or other heat-treatment of ores. Pyrites, non-metallic minerals, metals or other materials.

2915 Manufacture of lifting and handling equipment

Manufacture of machines for the mechanical handling of materials, goods or people other than over-the-road vehicles.

Manufacture of pulley tackle and hoists: winches and capstans; and jacks.

Manufacture of derricks; cranes, including cable cranes; mobile lifting frames, straddle carriers; works trucks whether or not fitted with a crane or other lifting or handling equipment, whether or not self-propelled, such as are found in factories, ware houses, dock areas, station platforms and elsewhere, including tractors for railway platforms.

Manufacture of other lifting, handling, loading or unloading machinery (e.g. lifts, elevators, liquid elevators, conveyors, and teleferics).

Manufacture of parts specialized for lifting and handling equipment including buckets, shovels, grabs, but not bulldozer or angle bulldozer blades.

2919 Manufacture of other general purpose machinery.

Manufacture of weighing machinery.

Manufacture of refrigerating or freezing equipment for commercial purposes such as display and dispensing cases; refrigerating or freezing equipment for other purposes.

Manufacture of unit air-conditioners.

Manufacture of filtering or purifying machinery or apparatus for liquids or gases.

Manufacture of equipment for projecting, dispersing or spraying liquids or powders, whether or not hand-operated; spray guns and similar appliances, manufacture of fire extinguishers, and blasting machines, steam cleaning machines and similar jet projecting machines.

Manufacture of packing and wrapping machinery.

Manufacture of distilling or rectifying plant; heat exchangers; and machinery for liquefying air or gas.

Manufacture of producer gas or water gas and acetylene gas generators.

Manufacture of fans intended for industrial applications, exhaust hoods for commercial, laboratory or industrial use.

Manufacture of centrifuges other than cream separators of clothes drier.

Manufacture of gaskets and similar joints made of a combination of materials or layers of the same material.

Other general purpose machinery and equipment.

292 Manufacture of special purpose machinery

2921 Manufacture of agricultural and forestry machinery

Manufacture of tractors used in agriculture or forestry; self-loading or self-unloading trailer or semi-trailer designed for agricultural purposes; agricultural, horticultural, or forestry machinery for soil preparation, planting or fertilizing the crop, including ploughs, harrows, weeders, hoes, seeders, etc; harvesting or threshing machinery; balers, cleaning sorting or grading machines for eggs fruit or for other crops; self-propelled, tractor or animal-drawn machinery; milking machines; spraying machinery for agricultural used; other machinery used in agriculture, animal husbandry, horticulture or forestry.

2922 Manufacture of machine-tools

Manufacture of; machine tools for working wood, stone, rubber or other materials; machine for tuning, drilling, milling etc; stamping or pressing machine tools; machines for nailing, stapling gluing or other wise assembling wood, rubber, elastics or similar hard materials; gas or electrical welding, brazing or soldering machines; tools for working in the hand with self-contained electric motor or with pneumatic drive; presses for the manufacture of particles board and other machinery for the treatment of wood or cork.

2923 Manufacture of machinery for metallurgy

Manufacture of machines and equipment for handling hot metals; ingot moulds, ladles and casting machines of a kind used in metallurgy or in metal foundries; metal rolling mills and rolls for such mills.

2924 Manufacture of machinery for mining, quarrying and construction

Manufacture of: lifting and handling machinery specially designed for use underground; boring or sinking machinery for treating minerals by screening, sorting, separating, etc; including concrete or motor mixers; track-laying tractors and tractors used in construction or mining; bulldozers and angle dozers, and other earth moving equipment such as graders, scrapers, mechanical shovels, excavators and road rollers; pile drivers and compacting machines; machines used in construction not elsewhere classified; parts and accessories for machinery manufactured in this group.

2925 Manufacture of machinery for food beverage and tobacco processing.

Manufacture of machinery chiefly used by: the dairy industry; the grain-milling industry; presses, crushers and similar machinery used to make wine, cider, fruit juices or similar beverages; plant or equipment for the treatment of food or drink by a change in temperature; machinery for the extraction or preparation of animal or fixed vegetable fats or oils; machinery for the preparation of tobacco and for the making of cigarettes or cigars, or for pipe or chewing tobacco or snuff; machines an equipment to process food not elsewhere classified.

2926 Manufacture of machinery for textile, apparel and leather production

Manufacture of: machines for preparing textile fibers (natural or man-made) up to the spinning stage; spinning machines; machines for preparing textile yarns for use on weaving machines or knitting machines; weaving machine including hand looms; knitting machines; machinery for washing, bleaching, dyeing, finishing etc textile yarns or fabrics or made-up textile articles; ironing machines; laundry-type washing and drying machines and dry-cleaning machines; sewing machines and sewing machine heads and needles; machines for producing or finishing felt or non-woven in the piece or in shapes; machinery for preparing, tanning or working hides, skins or leather; machinery for making or repairing footwear or other articles of hides, leather skins or fur skins.

2927 Manufacture of weapons and ammunition.

Manufacture of tanks and other fighting vehicles; heavy weapons, artillery, mobile guns rocket launchers etc; small arms such as light machine guns; rifles, shot guns, revolvers and pistols; munitions for the weapons described above and for delivery by other means, including bombs, grenades, mines, cartridges, shot gun shells and other ammunition.

2929 Manufacturers of other special purpose machinery

Manufacturers of special purpose machinery and equipment not elsewhere classified, such as: machines for extruding, drawing, texturing, manufacturing or cutting man-made textiles of yarns; machinery for the pulp, paper of a given size or producing articles such as envelopes, paper bags, boxes or cartons.

293 2930 Manufacture of domestic appliances n.e.c.

Manufacture of: domestic electrical appliances such as refrigerators, freezers, laundry equipment , vacuum cleaners, appliances; electro-thermic domestic appliances such as immersion heaters, space heaters: and cooking appliances such as ovens, microwaves and electric frying pans; non-electric domestic space heaters, cooking ranges, grates, stoves and domestic heating plants.

30 **MANUFACTURES of OFFICE, ACCOUNTING and COMPUTING MACHINERY**

300 3000 Manufacture of office, accounting and computing machinery

Manufacture of office type printing and duplicating machines; manual or electric typewriters, automatic typewriters and word processing machines; photo-copying machines; hand held or desk-top calculators, accounting machines, cash registers etc; other office machinery or equipment; data processing equipment and all parts thereof; magnetic or optical readers; machines for transcribing data onto data media in coded form; machines for processing data, etc.

31 **MANUFACTURE of ELECTRICAL MACHINERY and APPARATUS N.E.C**

311 3110 Manufacture of electric motors, generators and transformers

Manufactures of: alternating or direct current generator sets; universal AC/DC generators; dc motors or generators; electrical transformers of all sizes and types.

312 - 3120 Manufacture of electricity distribution and control apparatus

Manufacture of; electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits, such as switches, fuses, plugs and junction boxes, of a type and capacity used in electricity distribution systems; apparatus for switching, etc; of a size or type used for dwellings, industrial equipment or household appliances; boards, panels, consoles and other bases, equip with more than one of the switching apparatus listed above, for electricity control or distribution of electricity.

313 - 3130 Manufacture of insulated wire and cable.

Manufacture of: Insulated wire, cable and other insulated conductors; strip as is used in large capacity machines or control equipment; optical fiber cables made up of individual of individually sheathed fibers.

314 - 3140 Manufacture of accumulators, primary cells and primary batteries

Manufacture of: primary cells and batteries; cells containing manganese dioxide, mercuric oxide, silver oxide or other material; electric accumulators including parts of accumulators such as separators, containers, leads, etc; lead-acid, nickel-cadmium or other accumulators.

315 - 3150 Manufacture of electric lamps and lighting equipment

Manufacture of: electric filament lamps including sealed beam units; ultra-violet or infra-red Lamps; fluorescent lamps; lighting equipment; flash bulbs used in photography; illuminated signs and lighting sets used for Christmas trees.

319 - 3190 Manufacture of other electrical equipment n.e.c

Manufacture of: electrical ignition or starting equipment as used for spark ignition or compression of internal combustion engines; dynamos, sparking plugs, starter motors, etc; electrical lighting equipment for use on vehicles, buckles, etc; sound signaling devices such as horns, sirens, bells and alarms; windscreen wipers; electrical signaling equipment for roads and streets, ports and airports; Electro-magnets; electrical insulators, except of glass or ceramics; electrical machines and equipment not elsewhere classified.

32 MANUFACTURE of RADIO, TELEVISION and COMMUNICATION EQUIPMENT and APPARATUS

321 - 3210 Manufacture of electronic valves and tubes and other electronic components

Manufacture of: thermionic, cathode valves or tubes or televisions, etc; diodes, transistors and similar semi-conductor devices including Photo-voltaic cells; electronic integrated circuits and micro-assemblies; printed circuits; electrical capacitors or condensers; resistors including rheostats and potentiometers.

322 - 3220 Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy

Manufacture of apparatus for radio broad casting and television transmission apparatus for radio-telepathy whether for stationery sets or for transport or other mobile units; television apparatus of all kinds; telegraph and telephone equipment; facsimile transmitters and receivers.

323 - 3230 Manufacture of television and radio receivers, sound or video recording or reproducing apparatus, and associated goods:-

Manufacture of: television receivers, including video monitors and video projectors; reception apparatus for broadcasting including apparatus with sound recording or reproducing equipment or a clock; magnetic tape recorders and other sound recording generators; telephone answering machines, cassette-type recorders, etc; video recording or reproducing apparatus; turntables, record players cassette players and other sound reproducing apparatus; microphones, loudspeakers, headphones, amplifiers; specialized parts for the equipment listed above, such as pick-up arms, tone arms, tables for turntables, and aerials or all kinds.

33 MANUFACTURE of MEDICAL, PRECISION and OPTICAL INSTRUMENTS, WATCHES and CLOCKS

331 Manufacture of medical appliances and instruments and appliances for measuring, checking, testing, navigating and other purposes, except optical instruments.

3311 Manufacture of medical and surgical equipment and orthopedic appliances

Manufacture of: instruments and appliances used in medical, surgical, dental or veterinary practices or science, including Electra-diagnostic apparatus, dental drill engines, ophthalmic instruments including sight testing sets, syringes, needles, X-rays equipment; sterilizes; massage apparatus; artificial respiration apparatus; orthopedic appliances including crutches, orthopedic shoes and corsets, splints, hearing aids, pace-makers; artificial teeth, artificial limbs; medical, surgical, dental or veterinary furniture such as operating tables, hospital beds with mechanical fittings, dental chairs.

3312 Manufacture of instruments and appliances for measuring, checking, testing, navigating and other purposes, except industrial process control equipment.

Manufacture of: sensitive balances; drawing, marking or measuring instruments such as tapes, micro-meters, gauges, microscopes; apparatus for measuring and checking electrical quantities, such as oscilloscopes; radiation detectors and counters; apparatus for testing and regulating motor vehicles; navigational, meteorological, geophysical and related instruments and apparatus; radar apparatus and radio remote control apparatus; electricity supply meters for water and gas; machines and apparatus for testing or carrying out physical or checking the flow, level, pressure of liquids or gases; other measuring, checking or testing instruments, apparatus or machines;

3313 Manufacture of industrial process control equipment.

Manufacture of instruments and apparatus form automatic and continuous measurement and control of variable such as temperature, pressure, viscosity and the like of materials or products as they are being manufacture or otherwise processed.

332 - 3320 Manufacture of optical instruments and photographic equipment

Manufacture of: optical elements of glass or other material; prisms and lenses, mirrors and filters constituting optical elements; optical lenses, including contact lenses; spectacle, frames, including sunglasses and protective glasses; optical instruments such as binoculars, telescopes and optical astronomical instruments; still or cinematographic manner as; image readers; cinematographic projectors; discharge lamp and other flashlights apparatus (not flash bulbs).

333 - 3330 Manufacture of watches and clocks.

Manufacture of: watches and clocks of all kinds; parts of watches and clocks; time of day recording apparatus, such as time switches; metal watch straps, watch bands and watch bracelets.

34 **MANUFACTURE of MOTOR VEHICLES, TRAILERS and SEMI-TRAILERS**

341 - 3410 Manufacture of motor vehicles

Manufacture of: motor cars and other motor vehicles principally designed for the transport of persons, including cars and public transport type passenger motor vehicles; motor vehicle for the transport of goods, including trucks, fire-engines, refuse collectors, etc; over their road tractors for semi-trailers; chassis fitted with engines for the motor vehicles described above ; compression- or spark-ignition reciprocating or rotary engines of types chiefly used power motor vehicles.

342 - 3420 Manufacture of bodies (coach work) for motor vehicle manufacture of trailers

Manufacture of: bodies designed to be mounted on motor vehicle chassis; trailers and semi-trailers designed to be drawn by motor vehicles; trailers and caravans; parts of trailers and semi-trailers; containers specially designed and equipped for carriage by one or more modes of transport.

343 - 3430 Manufacture of parts and accessories for motor vehicles and their engines

Manufacture of: parts and accessories for motor vehicles including their bodies and engines; brakes, gear boxes, axles, road wheels, shock absorbers, radiators, silencers and other parts and accessories not elsewhere classified.

35 **MANUFACTURE of OTHER TRANSPORT EQUIPMENT**

351 Building and repairing of ships and boats

3511 Building and repairing of ships.

Ship building and repairing and the construction and repair of floating structures. Building of vessels used in commerce or in the carriage of passengers; building of fishing vessels and fish processing factory ships; building of tugs.

3512 Building and repairing of pleasure and sporting boats

Building and repairing of yachts and other vessels for pleasure or sports including rowing boats and inflatable boats.

352 3520 Manufacture of tramway locomotives and rolling stock

359 Manufacture of transport equipment n.e.c.

3591 Manufacture of motorcycles

Manufacture of: motorcycles and cycles fitted with an auxiliary engine; engines for motorcycles; parts and accessories of motorcycles.

3592 Manufacture of bicycles and invalid carriages

Manufacture of cycles, including racing bicycles, children bicycles; invalid carriages; parts of bicycles and invalid carriages.

3599 Manufacture of other transport equipment n.e.c.

Manufacture of: vehicles not elsewhere classified; hand propelled vehicles, such as wheelbarrow, luggage trucks, sledges, and trolleys; vehicles drawn by animals.

36 MANUFACTURE of FURNITURE; OTHER MANUFACTURING ACTIVITY.

361 3610 Manufacture of furniture

Manufacture of furniture of all kinds (household, office. Hotel, restaurant and institutional), of any material (wood, metal, glass, leather, plastic, etc.) for any place (dwellings, hotels, theatres, offices, churches, schools, hospital, ships, aircraft, motor vehicles, etc); mattresses of all types.

369 Other Manufacturing Activity

3691 Manufacture of jewelry and related articles

Production of worked pearls, precious and semi-precious stones in the worked state (including the working of industrial stones and synthetic atones); jewelry of precious or semi-precious stones, of precious metals or of combination of these; goldsmiths articles of precious metals; coin, metals and medallion, whether or not of

precious metals.

3692 Manufacture of musical instruments

Manufacture of: keyboard strings instruments, such as pianos; pipe organs and harmoniums; accordions; wind instruments; electronically amplified instruments; musical boxes; whistles; parts and accessories for instruments; of all types.

3693 Manufacture of sports goods

Manufacture of: articles and equipment for gymnastics, out door and in door games, swimming and paddling pools; hard, softy and inflatable balls; rackets, bats and clubs; requisites for sport fishing; requisites for hunting, mountain climbing and other sporting activities; sort gloves and sort safety head gear.

3694 Manufacture of games and toys

Manufacture of: dolls; wheeled toys deigned to be ridden: toy instruments; articles for fun - fair, table or parlor games, such as billiards, bowling alley equipment; electronic games; reduced-size ("scale") models; puzzles of all kinds.

3699 Other manufacturing n.e.c.

Manufacture of: pens and pencils; pencil leads; date, dealing or numbering stamps; prepared typewriter ribbons and inks, pads; baby carriages; umbrellas, walking sticks, buttons; cigarette lighters; articles for personal used, such as smoking pipes, combs, vacuum flask, wigs; brooms and brushes, mops, paint pads and rollers; fairground and playground equipment; linoleum and hard surface floor coverings; imitation jewellery; candles; artificial flowers; other articles not elsewhere classified.

37 **RECYCLING**

NOTE: The wholesaling of waste and scrap is classified to Division 51 (Wholesale trade and commission trade, except for motor vehicles and motorcycles)

371 - 3710 Recycling of metal waste and scrap.

Processing of metal waste and scrap and of metal articles, whether or not used, into a form which is readily transformed into new raw materials.

372 - 3720 Recycling of non-metal waste and scrap.

Processing of waste and scrap, other than of metal, whether or used, into a form which is readily transformed into new raw materials.

E ELECTRICITY, GAS and WATER SUPPLY
(Divisions 40, 41)

40 ELECTRICITY, GAS, STEAM and HOT WATER SUPPLY

401 - 4010 Production, collection and distribution of electricity

Generation, collection, transmission and distribution of electric energy for sale to households, industrial and commercial users. Electricity production may be hydraulic, conventional, terminal, nuclear, geothermal, solar, tidal, etc, in origin; included are electric power plants which sell a significant amount of electricity to others, as well as produce electricity for their parent enterprises and which can be reported separately from the other units of the parent enterprises.

402 - 4020 Manufacture of gas; distribution of gaseous fuels through mains

Production of gas carbonation of coal or by mixing manufactured gas with natural gas or petroleum or other gases; distribution of gaseous fuels through a system of mains to household, industrial, commercial of other users.

403 - 4030 Steam and hot water supply.

Production, collection and distribution of steam and hot water for heating, power and other purposes.

41 COLLECTION, PURIFICATION and DISTRIBUTION of WATER

410 - 4100 Collection, purification and distribution of water.

Collection, purification and distribution of water to households, industrial, commercial and other users.

***F CONSTRUCTION
(Division 45)***

45 CONSTRUCTION

451 Site Preparation

4511 Site preparation other than that associated with mining

Demolition of buildings and other structures, clearing of building sites, and sale of materials from demolished structures; blasting, landfill, leveling, earthmoving, excavating, drainage, and other land preparation

4512 Site preparation associated with mining sites.

Tunneling, overburden removal and other development and preparation of mineral properties and sites (except oil and gas).

452 Building of complete constructions or parts thereof.

General construction and some special trade construction for building, regardless of the kinds of materials used. It includes new work, additions and alterations and house and the erection of prefabricated buildings or structures on the site; general construction mostly involved in the construction of entire dwellings, office buildings, house etc. Note: this work can be carried out on own-account or on a fee or contract basis. Parts of the work may be sub-contracted out to trade contractors. Special trade construction includes the construction of parts of the above mentioned works. It is usually specialized to one aspect common to different structures, requiring specialized skills or equipment, such as pile driving, foundation work, water-well drilling, concrete work, brick laying, scaffolding, roof covering, etc. Most special trade construction will be carried out under sub-contract.

4521 Special trade construction - concreting

4522 Special trade construction - structural steel erection

4523 Special trade construction - brick and block laying

4524 Special trade construction - not elsewhere classified

4525 Complete building construction

453 Building installation

Installation of all kinds of utilities not incorporated into the bare building. These activities are usually performed at the site of the construction. Activities such as plumbing, installation of air-conditioning and heating systems, electrical work, elevators and escalators; insulation work, sheet metal work, commercial refrigerating work, the installation of illumination and signaling systems for roads, airports, harbors, etc. Repair of the same type as the above mentioned activities is also included.

4531 Installation of plumbing

4532 Installation of electrical wiring, lighting, etc.

4533 Installation of air-conditioning, heating, lift and escalators, etc

4539 Other building installation activities

454 Building completion

Activities that contribute to the completion or finishing of a construction such as glassing, plastering, painting and decorating, floor and wall covering, floor sanding, finish carpentry, etc. Also repair of the same type as the above mentioned activities is included.

4541 Finish carpentry

4542 Floor and wall tiling

4543 Painting

4549 Other building completion activities

455 4550 Building Maintenance

456 4560 Renting of construction or demolition equipment with operator

457 Heavy Constructions

Constructions involving heavy equipment and other sophisticated machineries which provide ancillary support with operators. Civil engineering and Surveying are excluded from this class. They are classified under 7421.

- 4571 Heavy Construction of roads
- 4572 Heavy Construction of Dams
- 4573 Heavy Construction of Bridge
- 4574 Heavy Construction of Irrigation System
- 4575 Heavy Construction of Sport Facilities
- 4579 Other Heavy Construction, n.e.c.

G ***WHOLESALE and RETAIL TRADE; SALE and REPAIR of MOTOR VEHICLES, MOTORCYCLES and PERSONAL and HOUSEHOLD GOODS***
(Divisions 50-52)

50 ***SALE, MAINTENANCE and REPAIR of MOTOR VEHICLES and MOTORCYCLES; RETAIL SALE of AUTOMOTIVE FUEL***

Wholesale and repair of new and second hand motor vehicles, motorcycles, maintenance and repair, sale of parts and accessories, activities of commission agents involved in the sale of vehicles, washing, polishing and towing of vehicles, etc. Also included is the retail sale of automotive fuel and lubricating or cooling products.

501 5010 Sale of motor vehicles

Wholesale and retail sale of new and used passenger motor vehicles including specialized motor vehicles (ambulances, caravans, minibuses, etc), and lorries, trailers and semi-trailers.

502 5020 Maintenance and repair of motor vehicles

Maintenance and repair of motor vehicles including washing, polishing, etc.

503 5030 Sale of motor vehicle parts and accessories.

Wholesale and retail of all kinds of parts, components and accessories for motor vehicles, when not combined with sale of such vehicles.

504 5040 Sale, maintenance and repair of motorcycles and related parts and accessories.

Wholesale and retail of motorcycles and their parts, components and accessories.

Maintenance and repair are also included.

505 5050 Retail sale of automotive fuel

Retail sale of fuel (motor spirit, gasoline, petrol, LPG) for motor vehicles and motorcycles, or of the same used in boats. This activity is often combined with sales of lubricating products, cooling products, cleaning products and all other kinds of products for motor vehicles or for other purposes.

51 WHOLESALE TRADE and COMMISSION TRADE, EXCEPT for MOTOR VEHICLES and MOTORCYCLES

The resale (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 or brokers in buying merchandise for, selling merchandisers to, such persons or companies. The principal types of businesses included are merchant wholesalers, i.e., wholesalers who take title to the goods they sell. Examples include importers and exporters, Industrial distributors, co-operative buying associations, sales branches and offices of manufacturing or mining (separately identifiable), merchandise and commodity brokers, commission merchants and agents and assemblers. Wholesalers frequently assemble, sort and grade goods in large lots, break bulk, re-pack, redistribute in smaller lots, store, refrigerate, deliver and install goods, engage in sales promotion for their customers and label design.

511 5110 Wholesale on a fee or contract basis.

Commission agents, commodity brokers and all other wholesalers who trade on behalf and on the account of others. They usually make it their business to bring sellers and buyers together to undertake commercial transaction on behalf of a principal.

512 Wholesalers of agricultural materials and animals.

5121 Wholesale of agricultural raw materials and live animals.

Wholesale of grain, flowers and plants, coffee beans, cocoa, seedlings, coconut, oil palm nuts, live animals, hides and skins, leather and other products from agricultural activities.

513 Wholesale of food, beverages, tobacco and bettle nut

5131 Wholesale of food (Wholesale of fruits and vegetables, dairy products, eggs and edible oils and fats, meat, fishery products, sugar, confectionery and bakery products, coffee, tea, milo, etc.).

5132 Wholesale of beverages (Wholesale of beverages and related drinks in cartons or bulk).

5133 Wholesale of tobacco (Wholesale of unmanufactured tobacco and the tobacco products in bulk)

5134 Wholesale of bettle nut (Wholesale of bettle nut in large quantity)

5139 Wholesale of Other Commodities, n.e.c

514 Wholesale of Household Goods

5141 Wholesale of textiles, clothing and footwear

Wholesale of textiles, household linens, articles of clothing, fur articles, footwear and clothing accessories.

5142 Wholesale of Household appliances, articles and equipment

Wholesale of Household furniture, appliances, cutlery, lighting articles, radio, television, glass wear, wall paper. Wholesale of pharmaceutical and medical goods, surgical and orthopedic instrument and devices, perfume, and cosmetics and soap, miscellaneous consumer goods, e.g newspapers, and books, photographic and optical goods, watches and clocks, jewelry, sports goods, travel accessories, cleaning materials, etc.

515 Wholesale of Metals and Chemicals

- 5151 Wholesale of solid, liquid and gaseous fuels and related products
- 5152 Wholesale of metals and metal ores

Wholesale of metal pores and metals in primary or mill forms.

- 5153 Wholesale of construction materials, hardware, plumbing and heating equipment and supplies .
- 5159 Wholesale of goods such as industrial chemicals, fertilizers and other agricultural supplies, plastic materials in primary forms, textiles fibers, waste and scrap and materials for recycling.

516 - 5160 Wholesale of machinery, equipment and supplies

Wholesale of agricultural machinery and equipment, transport equipment (except motor vehicles and motorcycles), construction and civil engineering machinery and equipment, office machinery and equipment, machinery and equipment for the textile, wood and metal industries, etc. Includes repairs to these.

519 5190 Other wholesale

Specialized wholesale trade not elsewhere in one of the previous classifications without any particular specialization. The gross receipts of any of the specialized activities of groups 512-515 should not account for 50 percent or more of the total gross receipts in wholesale.

52 RETAIL TRADE , EXCEPT for MOTOR VEHICLES and MOTORCYCLES; REPAIR of PERSONAL and HOUSEHOLD GOODS

Resale (sale without Trans formation) of new and used goods to the general public for personal or household consumption or utilization, by shops, department stores, stalls, markets, mail-order house, auction house, etc. Most retailers take title to the foods they sell, but some act as agents for a principal and sell either on consignment or on a commission basis. Establishments engaged in selling to the general public, from displayed merchandise, products such as typewriters, stationery, paint or lumber, are classified in this division though these sales may not be for personal or household consumption or use only. Also included is the repair and installation of personal and household goods whether or not done in

combination with retail sale. A fundamental distinction is made in the detail of the division between sale by store, in groups 521-522, and sales by other methods, in group 523.

521 Non-specialized retail trade in stores

5211 Retail sale in non-specialized stores with food, beverages or tobacco predominating. Stores engaged in retail sale of a variety of new goods which, however, food beverages or tobacco are predominant. This kind of activity is usually carried out in so-called general stores which have, apart from their main sales of groceries, several other lines of merchandise such as clothing , furniture, appliances, hardware, etc.

5212 Retail sale of mixed goods of which beverages or tobacco are not predominant. This type of activity is usually carried out in department stores carrying a general line of merchandise, including wearing apparel, furniture, appliances. Hardware, sporting goods, etc. Such lines are normally arranged in separate departments, but are integrated under a single management.

522 Specialized retail trade in stores

5221 Retail sale of pharmaceutical and medical goods; cosmetic and toilet articles

Specialized retail sale of pharmaceutical, medical and orthopedic goods, perfumery articles, cosmetic articles and toilet soaps.

5222 Retail sale of textiles, clothing, footwear and leather goods

Specialized retail sale of textiles; articles of clothing, articles of fur and clothing accessories; footwear; leather goods and travel accessories.

5223 Retail sale of household appliances, articles and equipment

Specialized retail sale of household furniture, appliances miscellaneous household utensils, cutlery, crockery. Glassware, china and pottery; radio and television equipment, records, cassettes, etc; curtains; and other household appliances, articles, and equipment not elsewhere classified.

5224 Retail sale of hardware, paints and glass.

Specialized retail sale of hardware; paints, varnishes, glass, construction materials; do-it-yourself materials and equipment.

5225 Specialized retail sale of books, magazines, newspapers, Stationery, etc.

5226 Retail sale of secondhand goods and clothing

5227 Retail sale of food, beverages and tobacco

5229 Other specialized retail sale in stores

Specialized retail sale of office equipment and supplies; computers and non-customized software; photographic, optical and precision equipment; cleaning materials; wall paper and floor coverings; watches, clocks and jewelry; sports goods, games and toys; flowers, plants, seeds, souvenirs; fuel oil, bottled gas, coal and fuel wood; non-food products not elsewhere classified.

523 Retail trade not in stores

5231 Retail sale via mail order houses

Retail sale of any kind of products by catalogue and mail order.

5232 Retail sale via stalls and markets

Retail sale of any kind of products in a movable stall or in a fixed market place.

5233 Retail sale of betel nut on road sides

Retail sale of betel nuts in small quantity on the roadsides or markets

5234 Retail sale of secondhand goods and clothing on roadsides

Retail sale of secondhand clothes or goods on the roadsides or stalls or markets

5237 Retail sale of food (cooked and uncooked), beverages and tobacco at home, along road side and at markets.

5239 Retail sale of goods not elsewhere classified above

Retail sale of any kind of product in any way which is not included in previous classes, e.g., salespersons who go from home to home.

H HOTELS AND RESTAURANTS

55 HOTELS AND RESTAURANTS

551 5510 Hotels; camping sites and other provision of short-stay accommodation

Provision on a fee basis of short-term lodging, camping facilities, whether open to the public or restricted to members of a particular Organization. Restaurant facilities operated in connection with the provision of lodging. Examples include; hotels, motels, inns; school dormitories, residence halls; rooming houses, guest houses and homes; youth hostels, shelters, etc.

552 Restaurants, bars and canteens

Sale of prepared foods drinks for immediate consumption on the premises during the short stay, such as restaurants, cafes, lunch counters and refreshment stands, Catering activities.

5521 Milk-bars, lunch contras, take -away food outlets, Kai bars

5522 Cafes and restaurants

5523 Taverns and bars

5524 Clubs licensed to sell alcohol.

***I TRANSPORT, STORAGE AND COMMUNICATIONS
(Divisions 60-64)***

60 LAND TRANSPORT; TRANSPORT VIA PIPELINES

602 Other land transport

6021 Other scheduled passenger land transport

Activities providing regular urban, suburban or interurban transport of passengers on scheduled routes following a published timetable, picking up and setting down passengers at stops indicated in these timetables. Operation of school buses are air pot-to-town services, sightseeing buses, etc. PMV buses are indicated here (even though they may not operate according to a published timetable).

6022 Other non-scheduled passenger land transport.

Non-scheduled passenger land transport such as taxi operation, rental of private cars with operator, charters, excursions and other occasional coach services, etc.

6023 Freight transport by road.

All freight transport by road, whether scheduled or not. Trucking of all kinds of goods, such as logging haulage, stock haulage, refrigerated haulage, bulk or heavy haulage, furniture removal, etc. Renting of trucks with driver or operator is included.

603 6030 Transport via pipelines

Transport of gases, liquids, slurry (ores, etc) and other commodities via pipelines, including the operation of pump stations and maintenance of the pipeline.

61 **WATER TRANSPORT**

This division includes transport of passengers or freight over water, whether scheduled or not. Operation of towing or pushing boats, excursion, cruise or sightseeing boats, ferries, water taxis, etc.

611 **6110** **Sea and coastal water transport.**

Transport of passengers or freight overseas and coastwise.

612 **6120** **Inland water transport**

Transport of passengers or freight via rivers, canals and other inland water ways, such as ports and harbors.

62 **AIR TRANSPORT**

621 **6210** **Scheduled air transport**

Transport of passengers or freight by air over regular routes and on regular timetables. Note: included is the operation of fixed-wing and helicopter aircraft.

622 **6220** **Non-scheduled air transport**

Non-scheduled transport of passengers or freight by air, Note: included is the operation of fixed-wing and helicopter aircraft.

63 **SUPPORTING and AUXILIARY TRANSPORT ACTIVITIES;**
ACTIVITIES of TRAVEL AGENTS

630 **Supporting and auxiliary transport activities; activities of travel agents**

6301 Cargo handling

Loading and unloading of goods and passengers luggage regardless of the mode transport, i.e. air, sea or land. Stevedoring.

6302 Storage and warehousing

Operation of storage facilities for all kinds of goods (including furniture, automobiles, timber, oil, food, agricultural products, etc) in grain elevators, general merchandise warehouses, refrigerated warehouses, etc.

6303 Other supporting transport activities

Operation of: terminal facilities such as bus stations, harbors, airways terminals, etc; operations of roads, tunnels, parking lot and garages; traffic control activities, navigation, pilotage and berthing facilities, ground service activities on airfields, etc.

6304 Activities on travel agencies and tour operators; tourist assistance activities n.e.c.

Activities of furnishing travel information, advice and planning, arranging tours, accommodation and transportation for travelers and tourists, furnishing tickets, etc. Tourist assistance facilities not elsewhere classified such as carried on by tourist guides.

6309 Activities of other transport agencies

Forwarding of freight; organization or arrangement of transport on behalf of the skipper, receiving and acceptance of freight (including local delivery), transport documentation preparation consolidation and break-bulk of freight, custom-house brokerage, brokerage for ship and aircraft space packing and crating and unpacking and uncrating, inspection, weighting and sampling of freight, etc.

64 **POST AND TELECOMMUNICATIONS**

641 **Post and courier activities**

6411 National post activities

Pick-up, transport and delivery (domestic and international) of mail and parcels. Sale of postage stamps, collection of mail and parcels from public letter boxes or from post offices and distribution and delivery. Mail sorting, mailbox rental, post restane services, etc.

6412 Courier activities other than national post activities.

Pick-up transport and delivery of letters and mail-type, usually small, parcels and packages. One or more modes of transport may be involved; may be carried out with either self-owned (private) transport media or via public transport.

642 6420 Telecommunications

Transmission of sound, images, data or other information via cables, broadcasting, relay or satellite. Included are telephone, telegraph and telex communications, and the maintenance of the communication network.

J FINANCIAL INTERMEDIATION
(Divisions 65, 66)

65 FINANCIAL INTERMEDIATION, EXCEPT INSURANCE and PENSION FUNDING

The activity of obtaining and distributing funds other than for the purpose of insurance or pension funding.

651 Monetary intermediation

Obtaining funds in the form of “deposits” where deposits are defined as funds which are fixed in money terms, which are obtained on a day-to-day basis and which are, apart from central banking, obtained from non-financial sources, e.g. non-financial corporations and households.

6511 Central banking

Taking deposits which are used for clearance between financial institutions, supervising banking operations and possibly holding the country’s exchange reserves and issuing, managing the country’s currency and acting as banker to the Government.

6519 Other monetary intermediation

Monetary intermediation of monetary institutions other than the central bank. Included are the activities of banks, savings banks, building societies and loan societies, etc.

659 Other financial intermediation

Financial intermediation other than that conducted by monetary institutions.

6591 Financial leasing

Leasing where the term of the lease approximately covers the expected life of the asset and the lease acquires substantially all the benefits of its use and takes all the risks associated with its ownership. The asset may or may not be eventually transferred from the lessor to the lessee.

6592 Other credit granting

Financial intermediation primarily concerned with making loans by institutions not involved monetary intermediation, including granting of consumer credit, the provision of finance to industry, and money lending outside the banking system. The granting of credit for house purchase by institutions that do not also make deposits is included. Merchant banking.

6599 Other financial intermediation n.e.c.

Other financial intermediation primarily concerned with distributing funds other than by making loans. Investments in securities (e.g. shares, bonds, bills, unit trusts). Activities of financial holding companies are included.

66 INSURANCE AND PENSION FUNDING, EXCEPT COMPULSORY SOCIAL SECURITY

660 Insurance and pension funding, except compulsory social security.

6601 Life insurance

Life insurance, including reinsurance, and other long-term insurance, with or without a substantial savings element, involving the collection and investment of funds.

6602 Pension funding

Provision of retirement incomes, including activities involving the collection and investment of funds.

6603 Non-life insurance

Insurance, including reinsurance, of non-life business, such as accident, health, fire, property, motor, marine, aviation, transport, etc.

67 **ACTIVITIES AUXILIARY TO FINANCIAL INTERMEDIATION**

Provision of services involved in or closely related to financial intermediation, but not themselves involving financial intermediation.

671 **Activities auxiliary to financial intermediation, except insurance and pension funding**

6711 Administration of financial markets

Operation and supervision of financial markets other than by public authorities and includes the activities of stock exchange and other bodies that regulate or supervise the activities of financial markets.

6712 Security dealings activities

Dealing in financial markets on behalf of others e.g. stock broking and related activities.

6719 Activities auxiliary to financial intermediation n.e.c.

Financial advisers, mortgage advisers and brokers, etc.

672 **6720 Activities auxiliary to insurance and pension funding**

Activities involved in or closely related to the management of insurance and pension funding other than financial intermediation and includes activities of insurance agents, average agents and loss adjusters, actuaries, and salvage administrators.

K ***REAL ESTATE, RENTING and BUSINESS SERVICE ACTIVITIES***
(divisions 70-74)

70 ***REAL ESTATE, RENTING AND BUSINESS ACTIVITIES***

701 - 7010 Real estate activities with own or leases property

Buying, selling, renting and operating of self-owned or leased real estate such as apartment buildings and dwellings, no-residential real estate into lots, etc. Development and sale of land and cemetery lots, operating of apartment hotels and residential mobile sites.

702 - 7020 Real estate activities on a fee or contract basis

Buying, selling, renting, managing and appraising real estate on a fee or contract basis.

703 - 7030 Operation of owner-occupied dwellings

The notional activity of the rental to themselves of dwellings occupied by the owners.

71 ***RENTING of MACHINERY and EQUIPMENT WITHOUT OPERATOR and OR PERSONAL and HOUSEHOLD GOOD***

Renting or leasing of equipment in this division is of the operational type, i.e. the benefits of the use and risks associated with ownership of the equipment remains with the owner. The rental or lease i.e., usually for a relatively short period (compared with financial leasing; see also Class 6591, financial leasing).

711 Renting of transport equipment

7111 Renting of land transport equipment

Renting without operator or driver of all kinds of land transport equipment, eg, cars, trucks, trailers, and semi-trailers, motorcycles, caravans, etc. Renting of containers.

7112 Renting of water transport equipment

Renting of water transport equipment, i.e., commercial boats and ships, without operator.

7113 Renting of air transport equipment

Renting of aircraft without operator

712 Renting of other machinery and equipment

7121 Renting of agricultural machinery and equipment

Renting of agricultural machinery and equipment without operator.

7122 Renting of construction and civil engineering machinery and equipment

Renting of construction and civil engineering machinery and equipment (including mobile cranes) without operator.

7123 Renting of office machinery and equipment (including computers)

7129 Renting of other machinery and equipment n.e.c.

Renting of all kinds of machinery and equipment, electrical or not, which is generally used as capital goods by industries, such as engines and turbines, machine tools, mining and oil field equipment, commercial, radio, television and communication equipment, professional, scientific, measuring and controlling and industrial machinery.

713 7130 Renting of personal and household goods n.e.c.

Renting of all kinds of personal and household goods, whether the customers are households or industries, Renting of goods such as textiles, wearing apparel and foot wear; furniture, pottery and glassware, kitchen and tableware; electrical, appliances; pleasure craft, bicycle, horses, sports equipment; books, video tapes, etc.

72 **COMPUTER AND RELATED ACTIVITIES**

721 7210 Hardware consultancy

Consultancy on type and configuration of hardware with or without associated software application.

722 7220 Software consultancy and supply

Analysis, design and programming of software system ready to use.

723 7230 Data processing

Processing or tabulating of all types of data. It consists of complete processing and preparation of reports from data supplied by the customer. It may also be specialized, such as key-punching or other data input, conversion from one medium to another (e.g., disk to tape), etc. The services may be provided over the counter or via remote access terminals and may employ either the customer's or a proprietary program. Management of data processing facilities of others on a continuing basis.

724 7240 Data base activities

Data base development; data storage; or data base availability. The data may be of any kind, such as financial, economical, statistical or technical.

725 7250 Maintenance and repair of office, accounting and computing machinery

729 7290 Other computer related activities

Other computer related activities not elsewhere classified.

73 **RESEARCH AND DEVELOPMENT**

The performance of basic research, experimental or theoretical work undertaken primarily to acquire new knowledge, without particular application or use in view; applied research, directed toward a specific practical aim or objective; experimental development, drawing on existing knowledge gained from research and/or practical experience, directed to producing material, products and devices, to install new processes, systems and services and to improve those already produced or installed.

730 7310 Research and experimental development on natural sciences and engineering (NSE)

Research and development in natural sciences (mathematics, physics, astronomy, chemistry, life sciences, earth sciences, etc), medical sciences, agriculture and engineering and technology.

732 7320 Research and experimental development on social sciences, and humanities (SSH)

Research and development in social sciences (economics, psychology, sociology, legal sciences, etc) and humanities (linguistics and arts).

74 OTHER BUSINESS ACTIVITIES

741 Legal activities

Advice and representation in civil, criminal and other cases. These activities are generally performed by, or under supervision of, persons who are members of the bar. Provision of advice in connection with labor disputes, general counseling and advising, preparation of legal documents, which are, e.g., related to articles of association, and partnership agreements. Activities in connection with preparation of deeds, wills, examiners and referees.

7411 Accounting, book-keeping and auditing activities; tax consultancy

Activities involving the recording of commercial transactions for businesses or others, the preparation of financial accounts, the examination of these accounts and the certification of their accuracy and their preparation of personal and business income tax returns. Included are related advisory activities and representation on behalf of others before tax authorities.

7412 Market research and public opinion polling

Investigation of market potential, acceptance and familiarity of products and buying habits of consumers for the purpose of sales promotion and development of new products and investigation of collective opinions of the public about political, economic and social issues.

7413 Business and management consultancy activities

Provision of advice, guidance or operational assistance to business, such as public relations; planning, organization, efficiency and control, management information, etc; combined management consultancy and actual management, e.g., by agronomists to farms, etc; arbitration between management and labor; activities of management holding companies.

742 Architectural, engineering and other technical activities

7421 Architectural and engineering activities, and related technical consultancy

Consultancy architectural and engineering activities, surveying, geological exploration and prospecting activities and engineering. Architectural activities concern building design and drafting and often supervision of construction town and city planning and landscape architecture. Engineering and technical activities concern specialized activities related to civil engineering, hydraulic engineering, traffic engineering including project management for constructions, electrical and electronic engineering, mining engineering, chemical engineering, mechanical, industrial and systems engineering, air-conditioning, refrigerating, sanitary and pollution control engineering, acoustical engineering, etc.

Geological and prospecting activities utilize surface measurements and observation designed to yield information on surface structure and the location of petroleum, natural gas and mineral deposits and of ground water. This may involve airborne geophysical surveys, hydrological surveys etc. Also included are map making and related surveying activities.

7422 Technical testing and analysis

Testing of all types of materials and products. Testing of their composition and purity, e.g., of minerals, food etc. Qualification and reliability testing, certification of products, failure analysis, materials evaluation, etc. Testing the physical characteristics and performances of products or materials, e.g., for their strength, thickness, durability, electrical conductivity, radio activity, etc. Testing of textiles, radiographic testing of welds and joints and performance testing of complete machinery, motors, automobiles, appliances or electronic equipment, whether or not with the use of models or mock-ups of ships, aircraft, dams, etc.

743 7430 Advertising

Provision of advertising services. Advertising agency activities encompass creating and placing advertising in periodicals, newspapers, radio and television for clients. Outdoor advertising , e.g. billboards, panels, bulletins and frames, window dressing, showroom design, car and bus carding, etc. Media representation, i.e. sale of time and space for various media soliciting advertising material or samples. Renting of spaces for advertising.

749 Business activities n.e.c.

7491 Labor recruitment and provision of personnel

Personnel search, selection referral and placement in connection with employment in any field. This services may be supplied to the potential employer or to the perspective employee and may involve the formulation of job descriptions, the screening and testing of applicants, the investigation of references, etc.

Executive search and placement activities and labor contracting activities, i.e. the supply to others, chiefly on a temporary basis, or personnel hired by, and whose emoluments are paid by, the agency.

7492 Investigation and security activities

Investigation and surveillance activities, guard and other protective activities, for individuals and property. This involves the checking of individuals backgrounds, tracing of missing persons, investigation of thefts and embezzlements and also patrol or other activities with primarily hired personnel to directly protect individuals or property, e.g. transport of valuables, or other means of protection with the same purpose, such as guard dogs, armored cars, etc. Bodyguard activities, street patrol, guard and watchman activities for apartment buildings, offices, factories, construction sites, hotels, activities theatres, dance hacks etc., and store detective activities and activities such as monitoring mechanical or electrical protective devices, consultancy in the field of industrial security, finger-printing, signature and handwriting identification, etc.

7493 Building-cleaning activities

Cleaning of buildings of all types, including offices, factories, shops, institutions and other business and professional premises and residential buildings. It involves building interior cleaning, e.g. floor cleaning and waxing, interior wall cleaning, furnishing polishing, etc., and window cleaning, inside as well as outside, for offices, industrial plants, factories and high-rise apartment buildings, chimney cleaning and cleaning of fire-places, furnaces, incinerators, boilers, ventilation ducts and exhaust units, etc. Disinfecting and exterminating activities

7494 Photographic activities

All commercial and non-consumer photograph production as well as processing photographs and motion pictures. Photograph productions involves portrait photography, e.g. for passports, school, weddings or other occasions (including by coin-operated machines) and photography for commercials, publishers, fashion, real estate or tourists purposes. Aerial photograph is included. Film processing includes developing, printing and enlarging from client-taken negatives or motion pictures whether for amateur photographers or for commercial clients. The mounting of slides and copying and restoring or transparency retouching in connection with old photographs.

7495 Packaging activities

Packaging activities on a fee or contract basis, such as mixing and filling of aerosols, cans, bottles, etc., Packaging of pharmaceuticals, cosmetics, etc., labeling, stamping and imprinting, parcel packing and gift wrapping, whether or not this involves an automated process.

7499 Other business activities n.e.c.

A great variety of service activities generally delivered to commercial clients. It involves: bill collecting, credit rating in connection with an individual's or firms credit worthiness or business practices: business brokerage activities, i.e. arranging for the purchase and sale of small medium-sized businesses, including professional practices; appraisal activities other than for real estate and insurance; stenographic, duplicating and mailing activities, including typing and other secretarial activities such as transcribing from tapes, disc or belts, proof-reading etc., copying, blue printing, multigraphing and similar activities, envelope addressing, stuffing,

sealing and mailing, mailing list compilation, etc, including for advertising material; fashion design related to textiles, wearing apparel, shoes, jewelry, furniture and other interior decoration and other fashion goods; demonstration and exhibition activities; auctioning activities; editorial activities; translation activities and interpretation; microfilming activities; trading stamp activities; telephone answering activities; activities carried on by agencies on behalf of individuals usually involving the obtaining of engagements in motion pictures, the article production or other entertainment or sports attractions and the placement of books, plays, artworks, photographs, etc, with publishers, products, etc.

L PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY (division 75)

75 PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY

751 Provision of Public Service

7511 Regulation and Administration of Health, Education, Culture and Social Services

Public administration of program and administration of R&D policies and associated funds intended to increase personal well being. Administration of health care, promotion and protection programs. Administration of primary, secondary, post-secondary and special retraining programs. Administration of programs to provide recreational and cultural activities. Distribution of grants to artists. Administration of table water supply programs. Administration of refuse collection and disposal programs. Administration of environment protection programs, such as water purification and pollution control.

7512 Regulation and Administration of Business

A great variety of government, mainly infrastructural, activities. Agricultural lands.

Managements affairs, agrarian reform and land settlement affairs and farm price and income affairs. Regulation of agricultural marketing, subsidy allocation. Administration of: pest control affairs and crop inspection and grading; veterinary affairs; forestry affairs. Commercial or sporty fishing and hunting affairs; fuel and energy affairs and services, comprising solid mineral fuels,

petroleum and natural gas, nuclear fuel and other non-commercial fuels. Included is support in the form of loans, grants or subsidies. Administration of electricity affairs.

7513 Regulation and Administration of Defence

Military and civil defense affairs. Administration, supervision and operation of military
Defence affairs and forces; land , sea, air and space defense forces; engineering,
Transport, communications, intelligence, material, personnel and other non-combat forces, commands, reserve and auxiliary forces of the defense establishment. Provision of equipment, structures, supplies, etc. Health activities for military personnel in the field. Administration, operation and support for the working out of contingency plans and the carrying out of exercise in which civilian institutions and populations are involved. Administration of defense R&D policies and associated funds.

7514 Regulation and Administration of Foreign Affairs

Administration and operation of the ministry of foreign affairs and diplomatic and Consular missions stationed abroad or at offices of international organizations.
Administration, operation and support for information and cultural services intended for distribution beyond national boundaries. Economic aid supply to developing countries whether or not routed through international organizations. Provision of military aid to foreign countries. General foreign commercial affairs such as foreign trade related matters, international financial and foreign technical affairs. International assistance, e.g refugee or hunger relief programs.

7515 Regulation and Administration of Finance and Treasury

Executive and Legislative administration by departments directly dependent on the head of the State and Parliament together with all other central, regional and local government bodies, ministries and administrative departments. Administration and supervision of financial and fiscal affairs. Operation of taxation schemes. Management of public funds and public debt. Public funds management includes raising and receiving monies and control of their disbursement and monitoring and control of the money supply. Administration of overall (civil) R&D policy and associated funds and of basic research policy and associated funds. Taxation administration consisting in duty/tax collection on goods and tax

violation investigation. Customs administration. Administration and operation of overall economic and social planning and statistical services at the various levels of government.

7516 Regulation and Administration of Public Service

General personnel and other general service activities. Administration and operation of general personnel services, whether or not connected with a specific function. Development and implementation of general personnel policies and procedures covering selection and promotion, rating methods, job description, evaluation and classification, administration of civil service regulations, etc. Administration, operation and support of overall general services such as centralized supply and purchasing services, maintenance and storage of government records and archives, operation of government owned or occupied buildings, central offices and other general services not connected with a specific function.

7517 Regulation and Administration of Police and Public order and safety activities

Police and fire protection, administration and operation of law courts and prison administration and operation. Administration and operation of regular and auxiliary police forces supported by public authorities and of port, border, coast guards and other special police forces. Police duties include traffic regulation, alien regulation, and operation of police laboratories and maintenance of arrest records. Provision of equipment and supplies for police work including vehicles, aircraft and vessels. Fire-fighting and fire-prevention. Administration and operation of regular and auxiliary fire brigades supported by public authorities, Administration and operation administrative civil and criminal law courts, military tribunals and the judicial system including legal representation and advice on behalf of government or on behalf of others when provided by government in cash or on services. Rendering of judgements and intermediation of the law including arbitration of civil actions. Prison administration and provision of correctional services (incarceration and rehabilitation services, e.g. in jails). Provision of supplies for domestic emergency use in case of peace-time disasters.

7519 General Public Service and Administration, and Social Security, n.e.c.

Other Administration of Public Service and Social Security or business which were not classified under any of the above class.

M ***EDUCATION***
(division 80)

80 ***EDUCATION***

801 Primary and Top-up education

General school education at the primary and top-up level. Pre-primary school education which is included here is usually given in nursery schools, kindergartens or special sections attached to primary schools. The programs focus on group activities and are designed primarily to introduce very young children to anticipated school-type environment. Also included is special school-type education for handicapped children at this level. Also at this level is the top-up level education introduced at the primary school.

8011 Primary

This level includes nursery schools, kindergartens, elementary and the general primary schools. and the special type education for handicapped children.

8012 Primary Top-Up

The primary school which has the top-up education

802 Secondary education

8021 General secondary education

General secondary education level. Subject specialization at this level often begins to have some influence even on the education experience of those pursuing a general program. Such programs are designated to qualify students either for technical and vocational education or for university entrance without any special subject prerequisite. Also included is special school-type education for handicapped students at this level.

8022 Top-Up Secondary education

The specialised subject taught and education experience for those intending to pursue higher education level and the University level.

8023 Technical and Vocational

All technical and vocational education below the level of university. Typically, the programs emphasize a subject-matter specialization and instruction of both theoretical background and practical skills generally associated with present or prospective employment. The aim of a program can vary specific job. Also included is technical and vocational school-type education for handicapped students at his level.

803 8030 Higher Secondary education

Post-secondary education that leads or prepares for the university degree or equivalent. A great variety of subject-matter programs is offered at his level, some more emphasizing theoretical instruction and some more practical instruction. Usually called National High School Level other than the Top-Up Secondary.

804 8040 Tertiary Education

University degree, Post-Graduate Diploma and other recognised diploma offered at the Colleges or Institutions. A specialised course programmes is offered to have a person major in a specialised field of study. In this case are Universities and Colleges.

809 8090 Adult and other education

Adult education, i.e. education for people who are not in the regular school and university system. Instruction may be given in day or evening classes in schools or in special institutions providing for adults. Instruction through radio and television broadcasts, or may by correspondence. Instruction may cover both general and vocational subjects. Education at first and second levels in specific subjects matters, n.e.c., and all education which is not definable by level.

N ***HEALTH AND SOCIAL WORK***
(division 85)

85 ***HEALTH AND SOCIAL WORK***

851 **Human health activities**

8511 Hospitals Activities

The activities of general and specialized hospitals, Santeria, preventoria, asylums, rehabilitation centers, leprosaria, dental centers and other health institutions that have accommodation facilities are chiefly directed to in-patients and carried out under direct supervision of medical doctors. They comprise the services of medical and par-medical staff, laboratory and technical facilities, including radiological and anaesthesiological services, food and other hospital facilities and resources such as emergency room services.

8512 Medical and dental practice activities

Consultation and treatment activities of general physicians and medical specialists including dentists. It involves activities of doctors of general medicine or medical specialists or surgeons in health institutions (including hospital outpatient clinics and departments of per-paid groups of physicians) or private practice. Activities carried out in clinics such as those attached to firms, schools, and houses for the aged, labor organizations and fraternal organizations as well as in patients' homes. Patients are usually ambulatory and can be referred to specialists by general practitioners. Dental activities may be of general or specialized nature and can be carried out in a private practice or in out-patient clinics including clinics attached to firms, schools etc., as well as in operating rooms.

8519 Other human health activities

All activities for human health not performed by hospitals or by medical doctors or dentists. This involves activities of, or under the supervision of nurses, midwives, physiotherapists or other par-medical practitioners in the field of optometry, hydrotherapy, medical massage, occupational therapy, speech therapy, chiropody, homeopathy, chiropractic, acupuncture, etc.

These activities may be carried out in health clinics such as those attached to firms, schools, homes for the aged, labor organizations and fraternal organizations, in residential health facilities other than

hospitals, as well as own consulting rooms, patients homes or elsewhere. Activities of dental auxiliaries such as dental hyientists, who may work remote from the dentist but who are supervised periodically by the dentist. Clinics pathological and other diagnostic activities carried out by independent laboratories, of any kind, activities of blood banks, ambulance and air-ambulance activities, residential health facilities except hospitals etc.

852 8520 Veterinary activities

Activities of veterinary hospitals where animals are confined to facilitate their medical, surgical or dental treatment and where services are provided by, or under direct supervision of, qualified veterinarians; medical, surgical or dental activities for animals carried out by veterinarian health institutions other than those provided by animal hospitals but performed when visiting farms, kennels or homes, in own consulting and surgery rooms or elsewhere; activities of veterinary assistants or other auxiliary veterinary personnel; clinic-pathological and other diagnostic activities pertaining to animals; animal ambulance activities .

853 Community Care Services

8531 Residential Care Service

Activities that are directed to provide social assistance to children, the aged and special categories of persons with some limits on ability for self-care, but where medical treatment and education or training are not important elements. They may be carried out by government offices or by private organizations. Services should be provided on a round-the-clock basis. It involves activities such as provided by orphanages, juvenile correction homes, homes for the aged, homes for physically or mentally handicapped including the blind, deaf and dumb, rehabilitation homes (without medical treatment) for people addicted to drugs or alcohol, etc. Activities of institutions that take care of unmarried mothers and their children.

8539 Non-Residential Care Service

A wide variety of social, counseling, whether, refugee, referral and similar activities the services of which are delivered to individuals and families in their homes or elsewhere. They may be carried out by government offices or private organizations, such as church related welfare organizations, disaster relief organizations and national or local self-help organizations, and also by specialists

providing counseling services. It involves e.g. child day-care activities (crèches), including day-care activities for handicapped, welfare and guidance activities for children, adoption activities, activities for prevention of cruelty to children and others, eligibility determination in connection with welfare aid, rent supplements for probation, community and neighborhood activities, activities for disaster victims, or extended shelter for them, vocational rehabilitation and habilitation activities for handicapped or unemployed persons provided that the education component is limited. Charitable activities like fund raising or other supporting activities aimed at social work.

***O OTHER COMMUNITY, SOCIAL AND PERSONAL SERVICE
ACTIVITIES
(divisions 90-93)***

***90 SEWAGE and REFUSE DISPOSAL, SANITATION and SIMILAR
ACTIVITIES***

**900 9000 Sewage and refuse disposal, sanitation and similar
activities**

The collection of garbage, trash, rubbish and waste whether from households or from industrial or commercial units, its transportation and disposal by incineration or by other means, and the removal, whether via drains, sewers or by other means, of human waste products and their treatment and disposal. This involves also waste reduction, ash collection, the collection of refuse in little boxes in public places, the removal of building debris, dumping of refuse on land or in water, burial or ploughing-under of refuse and storm sewerage, emptying and cleaning of cesspools and septic tanks, servicing of chemical toilets, dilution, screening and filtering, sedimentation, processes for sewage disposal and also the maintenance of sewers and drains. Also included are outdoor sweeping and watering of streets, parts, parking lots, etc.

910 Activities of Member Organization

9101 Activities of business and employers organizations

The activities of organizations whose members; interest center on the development and prosperity of a particular line of business or trade including farming, or on the economic growth and climate of a particular geographical area or political subdivision without regard for line of business. Activities of federations of associations whose members are in the same general line of business and also of federations of territorial associations which have the effect of expanding the geographical area covered. The main services supplied involve dissemination of information, representation before government agencies, public relations and labor negotiations. Activities of chambers of commerce, guilds and similar organizations.

9102 Activities of professional organizations

The activities of organizations whose members interest center chiefly on a particular scholarly discipline or professional practice or technical field. Activities of associations of specialists engaged in cultural activities such as writers, painters, performers of various kinds, journalists, etc. The members of these organizations generally have a considerable education background, frequently at the university or higher technical level, but this is not necessarily required because also associations of e.g. foremen, salesmen, insurance agents, stenographers, et., are included. The main services supplied involve the dissemination of information, the establishment and supervision of standards of practice, representation before government agencies and public relation

9103 Activities of Trade Union

The activities of associations whose members are mainly employees interested chiefly in the representation of their views concerning the work situation and concerted action through organization. This involves the activities of unions of professional, technical, cultural and farm workers and of government employees and the activities of single plant unions, of unions, of unions composed of affiliated unions on the labor organizations composed of affiliated unions on the basis of trade, region, organizational structure or other criteria.

9104 Activities of religious organizations

Activities of religious organizations or individuals who provide services directly to worshipers in churches, mosques, temples, synagogues or in other places. Activities of monasteries, convents and similar organizations as well as religious retreat activities.

9105 Activities of political organizations other than Trade Union

Activities of political or Organizations and auxiliary organizations such as young peoples auxiliaries, associated with a political party. These organizations chiefly engage in placing members of the party or those sympathetic to the party in political office and may involve the dissemination of information, public relations, fund raising, etc.

9109 Activities of other membership organizations n.e.c.

A large variety of activities such as furthering a public cause or issue by means of public education, political influence, fund raising, etc; supporting of community and educational facilities, protection and betterment of special groups, associations for the purpose of social acquaintanceship such as rotary clubs, Masonic lodges, young persons Christian or Hebrew associations; associations for patriotic purposes including war veterans associations; associations of youths e.g. Boy Scouts, Girl Guides, student associations, clubs and fraternities, etc; association for the pursuit of a cultural or recreational activity or hobby (other than sports or games), e.g. poetry, literature and book clubs, historical, gardening, film and photo, music and art, craft and philatelic clubs; and many others.

92 RECREATIONAL, CULTURAL AND SPORTING ACTIVITIES

921 Motion picture radio television and other entertainment activities

9211 Motion picture and video production and distribution

The distribution of theatrical and non-theatrical motion pictures, whether on film or on video tape, for direct projection in theatre or for broadcasting on television, It usually involves production in a motion picture studio or in special laboratories for animated films or cartoons. The products may be full-length entertainment, for advertising, education, training and news information as well as religious pictures, animated cartoons of any kind, etc.

Auxiliary activities on a fee or contract basis such as film editing, cutting, dubbing, etc. Distribution of motion pictures and video tapes to other industries but not to the general public. This involves the sale or rental of movies or tapes to other industries, as well as activities allied to the distribution of film and video tapes such as film and tape booking, delivery, storage, etc.

9212 Motion pictures projection

Motion picture or video tape projection in theaters or in the open air and in private screening rooms or other projection facilities.

9213 Radio and television activities

Production of radio and television programs, whether live or on tape or other recording medium and whether or not combined with broadcasting. The programs produced and broadcast may be for entertainment, for promotion, education or training or new dissemination. The production of programs generally results in a permanent tape which may be sold, rented or stored for broadcast or re-broadcast. Production such as covering, weather forecasting, interviews, etc.

9214 Dramatic arts, music and other arts activities

The production, for the general public, of live theatrical presentations, concerts and opera or dance production, simmer theatre and burlesque acts, whether set up for only a single attraction or multiple attractions. This can involve activities of group or companies, orchestras or bands, but also of individual artists such as actors, musicians, authors, lecturers or speakers, sculptors, painters, included are e.g. the operation of scenery and backdrops, lighting and sound equipment, ticket agencies, concert and theatre halls and other facilities and the design of scenery and lighting.

9219 Other entertainment activities n.e.c.

The production of other kinds of entertainment n.e.c. Such as activities of ballrooms, discotheques and dance instructors, activities of amusement parts and similar attractions, circus production of amusement parts and similar attractions, circus production, puppet shows, rodeos, activities of shooting galleries etc.

922 9220 News agency activities

News syndicates and news agency activities consisting in furnishing news, pictures features to the media and news reporting services to newspapers, periodicals, and radio and television broadcasters.

923 Library, archives, museums and other cultural activities

9231 Library and archives activities

A wide variety of documentation and information activities provided by libraries and archives. Activities of libraries of all kinds, reading, listening and viewing rooms, public archives etc. This usually involves the organization of a collection whether specialized or not, making catalogues, lending and storage's of, e.g. books, maps, periodicals, films records, tapes, retrieval activities in order to comply with information request, etc. The services may be provided to the general public or to a special clientele, such as students, scientists, staff members etc.

9232 Museums activities and preservation of historical sites and buildings

The operation of museums of all kinds such as art treasures, museums of jewelry, furniture, costumes, ceramics, silverware etc, natural history and science museums, technological museums, historical museums including military museums and historic houses and all other kinds of other specialized museums. Also included is the preservation of historicalists and buildings.

9233 Botanical and zoological gardens and nature reserves activities

The operation of botanical and zoological gardens and of nature reserves including wildlife preservation, etc.

9234 Sporting activities

The organization and operation of any kind of sports event outdoor or indoor for professionals or amateurs, as well as the operation of the facilities in which these sports are performed. This may involve organizations, such as football clubs, bowling clubs, swimming clubs, golf clubs, boxing clubs wrestling, health or body guiding clubs, winter sport clubs, field and track clubs, shooting clubs, etc., and the operation of the facilities for all these sports if they are especially used and designed for them. Such facilities may be

arenas and stadiums, whether or not enclosed or covered, with or without provision for spectator seating or viewing. Activities related to promotion and production of sporting events and the activities of individual own-account sportsmen and athletics, judges, timekeepers, instructors, teachers, coaches and also the activities of sport and game schools and those of racing stables, kennels and garages. Hunting for sport or recreation and related service activities.

9239 Other recreational and Cultural activities

All activities related to recreational n.e.c. in this division. This includes among others: casting activities for motion pictures, television productions or theatre production, booking agency activities in connection with theatrical productions or other entertainment attractions; recording or taping of sound (music, etc.) on a fee or contract basis; activities of recreation parks and beaches Including renting of facilities such as bath houses, lockers, chairs, etc.), activities related to recreational fishing, gambling and betting activities, fairs and shows off a recreational nature, recreational transport facilities, etc.

93 **OTHER SERVICES**

930 **Other Personal service activities**

9301 Launderettes, dry cleaning and other washing of personal or household textiles and household items

Laundering and (dry-) cleaning, pressing, etc., of all kinds of clothing (including fur) and textiles, provided by mechanical equipment, by hand or by self-service coin-operated machines, whether for the general public or for industrial or commercial clients. Renting of linens, industrial work uniforms, and related items by laundries. It also involves laundry collection and delivery. Repair and minor alteration of garment or other textile articles when done in connection with cleaning. Carpet and rug shampooing and drapery and curtain cleaning in clients premises.

9302 Hairdressing and other beauty treatments

Hair washing, trimming and cutting, setting, dyeing, tinting, weaving, straightening and similar activities for men and women as well as shaving and beard trimming. Facial massage, manicure and pedicure, make-up and other beauty treatment.

9303 Funeral and related articles

Activities such as burial and incineration of human or animal corpses and related activities such as preparing the dead for burial or cremation, providing burial or cremation services, rental of equipped space in funeral parlors, embalming and morticians service, rental or sale of graves, upkeep and maintenance of graves and mausoleums etc.

9304 Shoe Polishing and Repair

Polishing of Shoes and related activities other than solely repairing of the shoes. Other services such as shoe sizing and measuring prior to purchasing also considered in this class.

9309 Other Personal service activities n.e.c.

Activities related to physical well-being and comfort, such as delivered by Turkish baths, sauna and steam baths, solariums, spas, reducing and slandering salons, massage salons, comport stations and restrooms, etc. Astrological and spiritualists activities, Social activities such as escort services, dating services, services of marriage bureau, genealogical organizations, shoppers, shoe shiners, porters, valet car

***P PRIVATE HOUSEHOLDS WITH EMPLOYED PERSONS
(division 95)***

95 PRIVATE HOUSEHOLDS WITH EMPLOYED PERSONS

950 9500 Private households with employed persons

The activities of private households employed all kinds of domestic personnel such as maids, cooks waiters, valets. Butlers, laundresses. Gardeners, gatekeepers, stable hands, chauffeurs, caretakers, governess', baby-sitters and tutors, secretaries, etc.

Q ***EXTRA-TERRITORIAL ORGANIZATIONS AND BODIES***
(division 99)

99 ***EXTRA-TERRITORIAL ORGANIZATIONS AND BODIES***

990 **9900** **Extra-territorial organizations and bodies**

The activities of international organizations such as the United Nations and its specialized agencies, regional bodies, [for example UNICEF, UNFPA, UNDP](#) etc. The organization of American States, the Council for Mutual Economic Co-operation and Development, the Organization of African Unity, the League of Arab States, the Customs Co-operation Council, the Organization of Oil Producing and Exporting Countries, the International Monetary Fund, the World Bank. [Also includes donor agencies like Ausaid and European Union.](#)

Appendix 1. Index By Alphabetical Order

Papua New Guinea Standard Industry Classification

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Code Industry

A

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7513 administration, defence	???? agricultural: look up farming
7511 administration, education	???? agriculture: look up farming
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7511 administration, health	9231 archives
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5522 canteens	@@@ catching, except above
8532 care-service, counselling	7010 cemetery
8531 care-service, disable	7493 cleaning, buildings
8531 care-service, nursing homes	9301 cleaning, houses
9500 caretakers	5524 clubs
???? casting: look up manufacturing	0529 collecting, aquatic products
0180 catching, animals	0522 collecting, coral
0180 catching, crocodiles	0139 collecting, kulau
???? catching, fish: look up fishing	0525 collecting, sea cucumber
0180 catching, reptiles	0525 collecting, sea urchins
	0521 collecting, shellfish

0523 collecting, shells
 @@@@ collecting, except above
 ??? collection: look up collecting
 ??? collector: look up collecting
 7240 computing, data base
 7230 computing, data processing
 7210 computing, hardware
 7250 computing, maintenance
 7220 computing, software
 7290 computing, except above
 4521 concreting
 4533 construction, air conditioning
 4511 construction, blasting
 4523 construction, block-laying
 4523 construction, brick-laying
 4573 construction, bridge
 4511 construction, clearing
 4521 construction, concreting
 4572 construction, dams
 4541 construction, decorating
 4511 construction, demolition
 4511 construction, drainage
 4511 construction, earthmoving
 4533 construction, escalators
 4511 construction, excavating
 4541 construction, glassing
 4533 construction, heating
 4525 construction, houses
 4539 construction, installation
 4574 construction, irrigation
 4511 construction, landfill
 4511 construction, levelling
 4533 construction, lifting
 4532 construction, lighting
 4550 construction, maintenance
 4512 construction, overburden
 4543 construction, painting
 4541 construction, plastering
 4531 construction, plumbing
 4560 construction, renting
 4571 construction, roads
 4575 construction, sports facilities
 4522 construction, steel erection
 4542 construction, tiling
 4512 construction, tunnelling
 4532 construction, wiring
 4524 construction, except above
 7413 consultancy, business & management
 7421 consultancy, engineering
 7412 consultancy, market-research
 7411 consultancy, tax
 5110 contracting-agents
 5110 contracting-brokers
 9500 cooks
 6412 courier
 6592 credit-finance
 ??? cropping: look up farming
 ??? cultivating: look up farming
 ??? cultivation: look up farming
 ??? cultivator: look up farming
 ??? cutting: look up manufacturing

D

4572 dams-building 4541 decorating 4511 demolition 8512 dentistry 5212 department store 5510 dormitories 4511 drainage	9214 dramatic-arts 1820 dressing, fur 1820 dressing, leather 9301 dry-cleaning 1820 dyeing, fur 1820 dyeing, leather
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E

4511 earthmoving 8040 education, administrative college 8090 education, adult 8040 education, college 8011 education, early childhood	8040 education, health college 8040 education, higher 8011 education, kindergarten 8040 education, post-school 8040 education, postgraduate 8011 education, pre-primary
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8011 education, pre-school
 8012 education, primary/ top-up
 8011 education, primary/ except above
 8012 education, school/ primary/ top-up
 8011 education, school/ primary/ except above
 8030 education, school/ secondary/ higher
 8022 education, school/ secondary/ top-up
 8021 education, school/ secondary/ except above
 8030 education, secondary/ higher
 8022 education, secondary/ top-up
 8021 education, secondary/ except above
 8050 education, special
 8040 education, teachers-college
 8023 education, technical
 8040 education, tertiary
 8012 education, top-up/ primary
 8022 education, top-up/ secondary
 @@@@ education, top-up/ except above
 8040 education, university
 8023 education, vocational

8090 education, except above
 4010 electricity, collection
 4010 electricity, distribution
 4010 electricity, generation
 4010 electricity, production
 4010 electricity, except above
 1712 embroidery
 9214 entertainment, dramatic arts
 9211 entertainment, motion picture
 9214 entertainment, music
 9220 entertainment, news agency
 9212 entertainment, pictures projection
 9213 entertainment, radio
 9213 entertainment, television
 9211 entertainment, video distribution
 9211 entertainment, video production
 9219 entertainment, except above
 4533 escalators, installation
 9900 european-community (EC)
 4511 excavating
 9900 extra-territorial

F

??? farmer: look up farming
 0160 farming, animals and crops
 0159 farming, animals
 0539 farming, aquatic
 0139 farming, banana
 0121 farming, beans
 0151 farming, beef
 0154 farming, bees
 0137 farming, betel-nut
 0139 farming, beverages, nuts & spices
 0121 farming, broccoli
 0121 farming, cabbage
 0121 farming, capsicum
 0136 farming, cardamon
 0121 farming, carrots
 0151 farming, cattle
 0121 farming, cauliflower
 0119 farming, cereals
 0153 farming, chickens
 0136 farming, chillies
 0121 farming, choko
 0132 farming, cocoa and coconuts
 0133 farming, cocoa
 0131 farming, coconuts
 0134 farming, coffee
 0121 farming, corn

0151 farming, cows
 0155 farming, crocodiles
 0160 farming, crops and animals
 0119 farming, crops/ grain
 0149 farming, crops/ except above
 0121 farming, cucumber
 0151 farming, dairy
 0121 farming, eggplant
 0153 farming, eggs
 0531 farming, fish
 0122 farming, flowers
 0139 farming, fruits
 0180 farming, game
 0136 farming, ginger
 0151 farming, goats
 0119 farming, grain
 0139 farming, guava
 0151 farming, horse
 0121 farming, kau-kau
 0122 farming, landscaping
 0139 farming, lemon
 0121 farming, lettuce
 0151 farming, livestock
 0139 farming, mandarin
 0139 farming, mango
 0160 farming, mixed
 0123 farming, nursery

0144 farming, nuts/ peanuts
0139 farming, nuts/ except above
0143 farming, oil-palm
0121 farming, onions
0139 farming, orange
0139 farming, passionfruit
0139 farming, pawpaw
0144 farming, peanuts
0136 farming, pepper
0152 farming, pigs
0139 farming, pineapple
0121 farming, pit-pit
0121 farming, potato
0153 farming, poultry
0121 farming, pumpkin
0145 farming, pyrethrum
0155 farming, reptiles
0111 farming, rice
0142 farming, rubber-tree
0121 farming, sago
0170 farming, services
0121 farming, shallots
0151 farming, sheep
0156 farming, silk
0139 farming, spices
0146 farming, sugar-cane
0121 farming, tapioca
0121 farming, taro
0121 farming, tarokongkong
0135 farming, tea
0141 farming, tobacco
0121 farming, tomato
0121 farming, tubers
0532 farming, turtles
0136 farming, vanilla

0121 farming, vegetables
0139 farming, watermelon
0121 farming, yams
@@@ farming, except above
6591 finance-leasing
6592 finance-lending
6720 finance-management
6711 financial-markets
6712 finance - security markets
6719 finance, except above
0512 fishing, baramundi
0519 fishing, carp
0513 fishing, crab
0513 fishing, crayfish
0513 fishing, crustaceans
0513 fishing, lobster
0513 fishing, prawns
0519 fishing, trout
0511 fishing, tuna
0524 fishing, turtles
0519 fishing, except above
0211 forestry, conservation
0212 forestry, firefighting
0213 forestry, gathering products
0221 forestry, logging
0212 forestry, management
0211 forestry, nursery
0211 forestry, planting
0213 forestry, products gathering
0211 forestry, replanting
0212 forestry, services
0211 forestry, trimming
0211 forestry, except above
9303 funeral

G

???? gardener: look up farming
???? gardening: look up farming
4020 gas, distribution
9500 gate-keepers
5211 general-store
4541 glazing

???? government: look up administration
???? grower: look up farming
???? growing: look up farming
7492 guard (security)
5510 guesthouses

H

9302 hairdressing
5510 halls-residence
???? harvesting: look up farming

8512 health, dental
8511 health, hospitals
8512 health, medical
8520 health, veterinary

8519 health, except above
4533 heating, installation
9232 historical-buildings
9232 historical-sites

8511 hospitals
5510 hostels
4525 houses, building
0524 hunting, turtles
0180 hunting, except above

I

9900 IMF
5510 inns
6603 insurance, accident
6603 insurance, aviation
6603 insurance, fire
6603 insurance, health

6601 insurance, life
6602 insurance, pension
6603 insurance, property
6602 insurance, retirement
6603 insurance, transport
4574 irrigation

K

5521 kaibars

L

4511 landfill
9500 laundress
9301 laundrettes
4511 levelling
9231 library

4532 lighting, installation
6519 loan-society
5510 lodge
0221 logging
5521 lunch-counters

M

9500 maids
???? making: look up manufacturing
3140 manufacturing, accumulators
2927 manufacturing, ammunition
2423 manufacturing, antibiotics
3120 manufacturing, apparatus/ control
3230 manufacturing, apparatus/ for sound or
video recording
3220 manufacturing, apparatus/ for telegraphs
lines
3220 manufacturing, apparatus/ for telephone
2930 manufacturing, appliances/ domestic
2029 manufacturing, articles/ cane
2029 manufacturing, articles/ cork
2029 manufacturing, articles/ straw
2024 manufacturing, artifacts/ cane
2024 manufacturing, artifacts/ wooden
1810 manufacturing, babywear
2023 manufacturing, barrels/ wooden

2029 manufacturing, baskets/ cane
3140 manufacturing, batteries
2022 manufacturing, beams/ wooden
2913 manufacturing, bearings
1721 manufacturing, bedspreads
1810 manufacturing, belts
1551 manufacturing, beverages: look up
manufacturing, drinks
3592 manufacturing, bicycles
1721 manufacturing, blankets
1721 manufacturing, blinds
1810 manufacturing, blouses
2021 manufacturing, boards
3512 manufacturing, boats
2899 manufacturing, bolts
2102 manufacturing, boxes/ cardboard
2811 manufacturing, bridges/ metal
3130 manufacturing, cable/ insulated
2102 manufacturing, cardboard
1730 manufacturing, cardigans

2109 manufacturing, cards
 1722 manufacturing, carpets
 3592 manufacturing, carriages
 2102 manufacturing, cartons/ cardboard
 2024 manufacturing, carvings/ wooden
 2023 manufacturing, cases/ wooden
 2695 manufacturing, cement/ articles
 2694 manufacturing, cement/ except above
 2692 manufacturing, ceramic products
 2411 manufacturing, chemicals/ basic
 2429 manufacturing, chemicals/ except above
 2691 manufacturing, china
 1601 manufacturing, cigarettes
 1601 manufacturing, cigars
 2693 manufacturing, clay products
 3330 manufacturing, clocks
 1810 manufacturing, clothing/ babywear
 1810 manufacturing, clothing/ belts
 1810 manufacturing, clothing/ blouses
 1730 manufacturing, clothing/ cardigans
 1820 manufacturing, clothing/ fur
 1810 manufacturing, clothing/ gloves
 1810 manufacturing, clothing/ hats
 1730 manufacturing, clothing/ hosiery
 1730 manufacturing, clothing/ jerseys
 1730 manufacturing, clothing/ jumpers
 1810 manufacturing, clothing/ nightwear
 1810 manufacturing, clothing/ outerwear
 1730 manufacturing, clothing/ pantyhose
 1730 manufacturing, clothing/ pullovers
 1810 manufacturing, clothing/ shawls
 1810 manufacturing, clothing/ shirts
 1810 manufacturing, clothing/ skirts
 1730 manufacturing, clothing/ socks
 1730 manufacturing, clothing/ stockings
 1730 manufacturing, clothing/ t-shirts
 1810 manufacturing, clothing/ ties
 1730 manufacturing, clothing/ tights
 1810 manufacturing, clothing/ trousers
 1810 manufacturing, clothing/ underwear
 1810 manufacturing, clothing/ except above
 2699 manufacturing, coal
 1554 manufacturing, coca-cola
 2310 manufacturing, coke
 2912 manufacturing, compressors
 2695 manufacturing, concrete articles
 2023 manufacturing, containers/ cane
 2812 manufacturing, containers/ metal
 2023 manufacturing, containers/ wooden
 1723 manufacturing, cordage
 1730 manufacturing, crocheted fabrics
 2109 manufacturing, cups/ paper
 1721 manufacturing, curtains
 1721 manufacturing, cushions
 2893 manufacturing, cutlery
 2424 manufacturing, detergents
 2022 manufacturing, doors/ wooden
 1551 manufacturing, drinks/ alcoholic
 1553 manufacturing, drinks/ beer
 1552 manufacturing, drinks/ cider
 1553 manufacturing, drinks/ liquors
 1553 manufacturing, drinks/ malt
 1552 manufacturing, drinks/ mead
 1554 manufacturing, drinks/ mineral water
 1552 manufacturing, drinks/ perry
 1554 manufacturing, drinks/ soft
 1551 manufacturing, drinks/ spirits
 1552 manufacturing, drinks/ wines
 1554 manufacturing, drinks/ except above
 1721 manufacturing, eiderdowns
 3120 manufacturing, electricity
 2422 manufacturing, enamels
 2911 manufacturing, engines
 2109 manufacturing, envelopes
 3190 manufacturing, equipment/ electrical
 2915 manufacturing, equipment/ handling
 3313 manufacturing, equipment/ industrial processing
 2915 manufacturing, equipment/ lifting
 3150 manufacturing, equipment/ lighting
 3311 manufacturing, equipment/ medical
 3311 manufacturing, equipment/ orthopedic
 3320 manufacturing, equipment/ photographic
 3311 manufacturing, equipment/ surgical
 3599 manufacturing, equipment/ transport
 2411 manufacturing, ethyl
 2412 manufacturing, fertilizers
 1533 manufacturing, food/ animal feeds
 1541 manufacturing, food/ bakery products
 1541 manufacturing, food/ biscuits
 1541 manufacturing, food/ bread
 1541 manufacturing, food/ cakes
 1531 manufacturing, food/ cereals
 1543 manufacturing, food/ chewing gum
 1543 manufacturing, food/ chocolate
 1543 manufacturing, food/ cocoa
 1549 manufacturing, food/ coffee
 1543 manufacturing, food/ confectionery
 1520 manufacturing, food/ dairy products
 1514 manufacturing, food/ fats
 1512 manufacturing, food/ fish
 1531 manufacturing, food/ flour

1513 manufacturing, food/ fruit
 1531 manufacturing, food/ grain mill products
 1549 manufacturing, food/ infant foods
 1544 manufacturing, food/ macaroni
 1511 manufacturing, food/ meat
 1544 manufacturing, food/ noodles
 2320 manufacturing, food/ oils/ petroleum
 1514 manufacturing, food/ oils/ vegetable or animal
 1544 manufacturing, food/ pasta
 1541 manufacturing, food/ pastry
 1541 manufacturing, food/ pies
 1531 manufacturing, food/ rice
 1545 manufacturing, food/ sago
 1532 manufacturing, food/ starch
 1542 manufacturing, food/ sugar
 1549 manufacturing, food/ tea
 1513 manufacturing, food/ vegetables
 1549 manufacturing, food/ except above
 1920 manufacturing, footwear
 2022 manufacturing, frames/ wooden
 2330 manufacturing, fuel/ nuclear
 2421 manufacturing, fungicides
 1820 manufacturing, fur articles
 2914 manufacturing, furnaces
 3610 manufacturing, furniture
 3694 manufacturing, games
 2913 manufacturing, gears
 2813 manufacturing, generators/ steam
 3110 manufacturing, generators/ except above
 2811 manufacturing, girders/ metal
 2610 manufacturing, glass/ products
 2610 manufacturing, glass/ sheets
 1810 manufacturing, gloves
 2893 manufacturing, hand-tools
 1912 manufacturing, handbags
 2893 manufacturing, hardware
 1912 manufacturing, harness
 1810 manufacturing, hats
 2421 manufacturing, herbicides
 1730 manufacturing, hosiery
 2422 manufacturing, inks
 2421 manufacturing, insecticides
 3313 manufacturing, instruments/ for checking
 3312 manufacturing, instruments/ for measuring
 3312 manufacturing, instruments/ for navigating
 3312 manufacturing, instruments/ for testing
 3692 manufacturing, instruments/ musical
 3320 manufacturing, instruments/ optical
 2710 manufacturing, iron/ basic
 2731 manufacturing, iron/ except above
 1730 manufacturing, jerseys
 2811 manufacturing, jetties/ metal
 3691 manufacturing, jewellery
 2022 manufacturing, joinery
 1730 manufacturing, jumpers
 1730 manufacturing, knitted articles
 1730 manufacturing, knitted fabrics
 2422 manufacturing, lacquers
 3150 manufacturing, lamps/ electric
 1911 manufacturing, leather
 2694 manufacturing, lime
 1721 manufacturing, linen
 3520 manufacturing, locomotives
 1912 manufacturing, luggage
 2922 manufacturing, machine-tools
 3000 manufacturing, machinery/ accounting
 2921 manufacturing, machinery/ agricultural
 2926 manufacturing, machinery/ apparel
 2925 manufacturing, machinery/ beverage processing
 3000 manufacturing, machinery/ computing
 2924 manufacturing, machinery/ construction
 2925 manufacturing, machinery/ food processing
 2921 manufacturing, machinery/ forestry
 2919 manufacturing, machinery/ general purpose
 2926 manufacturing, machinery/ leather
 2923 manufacturing, machinery/ metallurgy
 2924 manufacturing, machinery/ mining
 3000 manufacturing, machinery/ office
 2924 manufacturing, machinery/ quarrying
 2929 manufacturing, machinery/ special purpose
 2926 manufacturing, machinery/ textile
 2925 manufacturing, machinery/ tobacco processing
 2919 manufacturing, machinery/ except above
 2422 manufacturing, mastics
 2811 manufacturing, masts/ metal
 2423 manufacturing, medicines
 2899 manufacturing, metal products
 2720 manufacturing, metals/ non-ferrous
 3430 manufacturing, motor-vehicles/ accessories
 3420 manufacturing, motor-vehicles/ body
 3430 manufacturing, motor-vehicles/ engines
 3430 manufacturing, motor-vehicles/ parts
 3410 manufacturing, motor-vehicles/ except above
 3591 manufacturing, motorcycles
 3110 manufacturing, motors/ electric
 2899 manufacturing, nails
 1723 manufacturing, nets
 1723 manufacturing, netting

1810 manufacturing, nightwear
 2412 manufacturing, nitrogen
 2732 manufacturing, non ferrous metals
 2899 manufacturing, nuts
 1810 manufacturing, outerwear
 2914 manufacturing, ovens
 2422 manufacturing, paints
 2023 manufacturing, pallets/ wooden
 2022 manufacturing, panels/ wooden
 1730 manufacturing, pantyhose
 2109 manufacturing, paper products
 2101 manufacturing, paper
 2109 manufacturing, paperboard products
 2101 manufacturing, paperboard
 2320 manufacturing, paraffin
 2424 manufacturing, perfumes
 2421 manufacturing, pesticides
 2320 manufacturing, petrol
 2320 manufacturing, petroleum
 2423 manufacturing, pharmaceuticals
 2811 manufacturing, piers/ metal
 1721 manufacturing, pillows
 2899 manufacturing, pins
 2699 manufacturing, pitch
 2695 manufacturing, plaster articles
 2694 manufacturing, plaster
 2413 manufacturing, plastic/ basic
 2520 manufacturing, plastic/ except above
 2109 manufacturing, plates/paper
 2021 manufacturing, plywood
 2691 manufacturing, porcelain
 1730 manufacturing, pullovers
 2101 manufacturing, pulp
 2912 manufacturing, pumps
 2811 manufacturing, rafters/ metal
 3230 manufacturing, receivers/ radio
 3230 manufacturing, receivers/ television
 2812 manufacturing, reservoirs/ metal
 1723 manufacturing, rope
 2413 manufacturing, rubber/ basic
 2519 manufacturing, rubber/ except above
 1722 manufacturing, rugs
 1912 manufacturing, saddlery
 1920 manufacturing, sandals
 2010 manufacturing, saw-milling
 2899 manufacturing, screws
 1713 manufacturing, sewing and screen printing
 1810 manufacturing, shawls
 3511 manufacturing, ships
 1810 manufacturing, shirts
 1920 manufacturing, shoes
 1810 manufacturing, skirts
 1721 manufacturing, sleeping bags
 1920 manufacturing, slippers
 1601 manufacturing, snuff
 2424 manufacturing, soap
 1730 manufacturing, socks
 3693 manufacturing, sporting-goods
 2899 manufacturing, staples
 2710 manufacturing, steel/ basic
 2731 manufacturing, steel/ except above
 1730 manufacturing, stockings
 2696 manufacturing, stone
 2691 manufacturing, stoneware
 1730 manufacturing, t-shirts
 2899 manufacturing, tacks
 2812 manufacturing, tanks/ metal
 2699 manufacturing, tar
 1721 manufacturing, tarpaulins
 1721 manufacturing, tents
 1721 manufacturing, textiles/ articles
 1722 manufacturing, textiles/ carpets
 1723 manufacturing, textiles/ cordage
 1711 manufacturing, textiles/ fibres
 1712 manufacturing, textiles/ materials cutting
 1712 manufacturing, textiles/ materials sizing
 1723 manufacturing, textiles/ netting
 1722 manufacturing, textiles/ rugs
 1723 manufacturing, textiles/ twine rope
 1729 manufacturing, textiles/ except above
 1810 manufacturing, ties
 1730 manufacturing, tights
 2109 manufacturing, tissues
 1601 manufacturing, tobacco
 2109 manufacturing, toilet paper
 2811 manufacturing, towers/ metal
 3694 manufacturing, toys
 3420 manufacturing, trailers
 3110 manufacturing, transformers
 3220 manufacturing, transmitters/ radio
 3220 manufacturing, transmitters/ television
 1810 manufacturing, trousers
 3210 manufacturing, tubes/ electric
 2511 manufacturing, tubes/ rubber
 2023 manufacturing, tubs/ wooden
 2911 manufacturing, turbines
 1723 manufacturing, twine
 2511 manufacturing, tyres/ rubber
 1810 manufacturing, underwear
 3210 manufacturing, valves/ electronic
 2912 manufacturing, valves/ except above
 2422 manufacturing, varnishes

2021 manufacturing, veneer	1323 mining, lead
3330 manufacturing, watches	1410 mining, marble
2320 manufacturing, wax	1323 mining, metal
2927 manufacturing, weapons	1421 mining, minerals
2029 manufacturing, wickerware	1323 mining, nickel
3130 manufacturing, wire/ insulated	1321 mining, ore/ copper
2899 manufacturing, wire/ except above	1322 mining, ore/ gold
2430 manufacturing, yarns	1310 mining, ore/ iron
3699 manufacturing, except above	1323 mining, ore/ metal
5232 markets	1200 mining, ore/ thorium
8512 medical-practice	1200 mining, ore/ uranium
2892 metal-coating	1110 mining, petroleum
2892 metal-treatment	1410 mining, rock
2891 metal-working	1422 mining, salt
5521 milk-bars	1410 mining, sand
1323 mining, aluminium	1120 mining, services
1410 mining, basalt	1323 mining, silver
1410 mining, chalk	1410 mining, slate
1421 mining, chemical	1410 mining, stone
1323 mining, chrome	1200 mining, thorium
1410 mining, clay	1200 mining, uranium
1010 mining, coal	1323 mining, zinc
1321 mining, copper	1429 mining, except above
1410 mining, dolomite	5510 motels
1421 mining, fertilizer	9211 motion-picture
1110 mining, gas	9211 movie-picture
1322 mining, gold	9232 museums
1410 mining, granite	9214 musician
1310 mining, iron	

N

9233 nature-reserves	9101 organisation, employers
???? news: look up entertainment	9105 organisation, political
5225 newsagency	9102 organisation, professional
8531 nursing-home	9104 organisation, religious
9101 organisation, business	9103 organisation, trade union
	9109 organisation, except above

P

7495 packaging	4531 plumbing
7499 other activities except above	7517 police
4543 painting, buildings	???? polishing: look up manufacturing
9239 parks	7412 polling
7494 photography	6411 postal-services
???? planter: look up farming	2891 powder metallurgy- forging,
???? planting: look up farming	2891 powder metallurgy pressing,
4541 plastering	2891 powder metallurgy stamping & rolling,
???? ploughing: look up farming	2222 preparing, printing cylinders
	2222 preparing, printing plates

???? preserving: look up manufacturing
2221 printing
???? processing: look up manufacturing
???? production/ manufacturing: look up
 manufacturing
???? production/ primary: look up farming
???? public-service: look up administration

2211 publishing, books
2211 publishing, brochures
2212 publishing, journals
2212 publishing, newspapers
2212 publishing, periodicals
2213 publishing, recorded media
2219 publishing, except above

Q

???? quarrying: look up mining

R

9213 radio, programming
???? raising: look up farming
7010 real-estate, buying
7020 real-estate, contract
7030 real-estate, dwellings
7020 real-estate, fee
7010 real-estate, land
7010 real-estate, renting
7010 real-estate, selling
7010 real-estate, sites
???? recreation: look up entertainment
7491 recruitment
3710 recycling, metals
3720 recycling, non-metals
7113 renting, aircraft
7130 renting, apparel
7130 renting, appliances
7130 renting, bicycle
7112 renting, boats
7130 renting, books
7111 renting, caravans
7111 renting, cars
7113 renting, choppers
4560 renting, construction machinery
7112 renting, dinghies
7121 renting, equipment/ agricultural
7129 renting, equipment/ except above
7130 renting, footwear
7130 renting, furniture
7130 renting, glassware
7121 renting, machinery/ agricultural
7122 renting, machinery/ construction
7122 renting, machinery/ engineering
7111 renting, motor cycles
7123 renting, office
7113 renting, planes
7111 renting, semi-trailers
7112 renting, ships
7130 renting, sports equipment
7130 renting, tableware
7130 renting, textiles
7111 renting, trailers
7111 renting, trucks
7130 renting, videos
5020 repairing, cars
5160 repairing, machinery
5040 repairing, motor-cycles
5020 repairing, vehicles
2230 reproduction, audio
2230 reproduction, film
2230 reproduction, tape
2230 reproduction, video
7310 research, agricultural
7310 research, engineering
7320 research, humanities
7310 research, medical
7310 research, natural
7320 research, social
7310 research, technology
5522 restaurant
5040 retailing, accessories
5223 retailing, appliances
5233 retailing, betel-nuts
5227 retailing, beverages
5225 retailing, books
5010 retailing, cars
5229 retailing, clocks
5222 retailing, clothing
5229 retailing, computers
5221 retailing, cosmetic
5223 retailing, crockery
5223 retailing, curtains
5212 retailing, department store

5050 retailing, diesel	5234 retailing, roadside, secondhand clothing
5224 retailing, equipment	5234 retailing, roadside, secondhand goods
5229 retailing, flowers	5232 retailing, secondhand clothing
5227 retailing, food in stores	5226 retailing, secondhand
5237 retailing, food, not in stores	5221 retailing, soaps
5222 retailing, footwear	5232 retailing, stalls goods
5223 retailing, furniture	5225 retailing, stationary
5229 retailing, games	5223 retailing, television
5211 retailing, general store	5222 retailing, textiles
5224 retailing, glasses	5227 retailing, tobacco
5229 retailing, jewellery	5229 retailing, toys
5222 retailing, leather goods	5222 retailing, travel accessories
5225 retailing, magazines	5010 retailing, trucks
5231 retailing, mail order house	5223 retailing, utensils
5221 retailing, medical goods	5010 retailing, vans
5010 retailing, motor-vehicles	5224 retailing, varnishes
5040 retailing, motorcycles	5232 retailing, vegetables
5225 retailing, newspapers	5030 retailing, vehicles/ accessories
5224 retailing, paints	5050 retailing, vehicles/ cleaning products
5040 retailing, parts/ motor-cycle	5050 retailing, vehicles/ coolant
5221 retailing, perfumes	5050 retailing, vehicles/ lubricant
5050 retailing, petrol	5030 retailing, vehicles/ parts
5221 retailing, pharmaceutical	5229 retailing, watches
5223 retailing, radios	5239 retailing, except above
5233 retailing, roadside, betel-nut	4571 roads, building

S

9000 sanitation	9000 sewage
2010 saw-milling	9304 shoe-polishing
???? school: look up education	9304 shoe-repair
???? science: look up research	4512 site-preparation/ mining
1712 screen-printing	4511 site-preparation/ except above
7492 security	0190 subsistence activities
???? selling: look up retailing	???? spinning: look up manufacturing, textiles
0222 services to logging	9234 sports-organisations
9309 services, personal	5232 stalls
	4522 steel-erection

T

5521 take-aways	9103 trade-union
5523 taverns-bars	6220 transport, air/ non-scheduled
???? teacher: look up education	6210 transport, air/ scheduled
???? teaching: look up education	6309 transport, auxiliary
6411 TELECOM	6303 transport, bus
6420 telecommunications	6301 transport, cargo loading
9213 television, programming	6301 transport, cargo unloading
7422 testing, materials	6110 transport, coastal water
7422 testing, products	6303 transport, harbours
4542 tiling	6120 transport, inland water
	6030 transport, pipelines

6022 transport, pmv/ non-scheduled
6021 transport, pmv/ scheduled
6023 transport, road
6110 transport, sea
6302 transport, storage
6303 transport, terminals
6304 transport, tickets

6304 transport, tour arrangement
6304 transport, travel guide
6302 transport, warehousing
6303 transport, wharf
0524 trapping, turtles
0180 trapping, except above
4512 tunnelling

U

9900 UNDP
9900 UNICEF

9900 united-nations (UN)

V

8520 veterinary-practice
9211 video, distribution

9211 video, production

W

4100 water, collection
4100 water, distribution
4100 water, purification
4030 water, supply/ hot
4100 water, supply/ except above
???? weaving: look up manufacturing, textiles
???? weeding: look up farming
5121 wholesaling, animals
5142 wholesaling, appliances
5142 wholesaling, articles
5134 wholesaling, betel-nut
5132 wholesaling, beverages
5010 wholesaling, cars
5159 wholesaling, chemicals
5141 wholesaling, clothing
5121 wholesaling, cocoa-beans
5121 wholesaling, coconut
5121 wholesaling, coffee-beans
5139 wholesale, commodities/except above
5153 wholesaling, equipment/ construction
5153 wholesaling, equipment/ hardware
5153 wholesaling, equipment/ heating
5142 wholesaling, equipment/ household
5153 wholesaling, equipment/ plumbing
5159 wholesaling, fertilizers
5121 wholesaling, flowers
5131 wholesaling, food
5141 wholesaling, footwear

5151 wholesaling, fuels
5121 wholesaling, furs
5121 wholesaling, grains
5160 wholesaling, machinery/ agricultural
5160 wholesaling, machinery/ civil engineering
5160 wholesaling, machinery/ construction
5160 wholesaling, machinery/ metal
5160 wholesaling, machinery/ office
5160 wholesaling, machinery/ textile
5160 wholesaling, machinery/ transport
5160 wholesaling, machinery/ wood
5152 wholesaling, metal
5010 wholesaling, motor-vehicles
5040 wholesaling, motorcycles
5121 wholesaling, palm-nuts
5121 wholesaling, plants
5121 wholesaling, skins
5141 wholesaling, textiles
5133 wholesaling, tobacco
5010 wholesaling, trucks
5010 wholesaling, vans
5030 wholesaling, vehicles/ accessories
5010 wholesaling, vehicles/ new
5030 wholesaling, vehicles/ parts
5010 wholesaling, vehicles/ used
5190 wholesaling, except above
4532 wiring
2010 wood-planing

Z

9233 zoo

APPENDIX II

UPDATED CODES - INDUSTRY

<u>Original Codes</u>	<u>New Codes</u>	<u>Remarks</u>
8532: Non – Residential Care Services,	8539: Non – Residential Care Services	Mismatch between the content and the index of the manual. Therefore Code 8532 was changed to code 8539.
1423: Mining and quarrying not elsewhere classified.	1429: Mining and quarrying not elsewhere classified.	Mismatched, Code 1423 is mining and quarrying not elsewhere classified.
	**5237: Retail sale of food (cooked and uncooked), beverages and tobacco at home and along roadside or market	Only code 5227 catered for the same sold in trade stores

* *New inclusions in the Index.*

** *New Inclusion 110209 (HIES)*

REFERENCES

1. Australian Bureau of Statistics, *Australian and New Zealand Standard Industrial Classification ABS Catalogue No. 1292.0*, Canberra, Australia 1993.
2. United Nations, *International Standard Industrial Classification of All Economic Activities, Series M No. 4, Rev.3*, New York: USA, 1990