

STATISTICAL COMMISSION

REPORT OF THE COMMITTEE ON  
INDUSTRIAL CLASSIFICATION

A Proposed International Standard Industrial Classification

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PART I

INTRODUCTION

1. The Statistical Commission as part of its programme looking toward the development of comparable statistics among the various countries of the world, expressed the view "that priority should be given to standardization in the field of industrial classification". (E/264). The Statistical Commission accordingly elected a Committee on Industrial Classification whose responsibilities were to:

(a) consider the data collected from governments regarding their industrial classification statistics now in use or under consideration by them together with any explanatory notes which may be available;

(E/264, paragraphs 39 and 40)

(b) plan and consider a future programme of work in this field;

(E/264, paragraphs 39 and 40)

(c) consider proposals on a standard industrial classification from

a group of experts especially selected for this purpose (E/409).

2. The Economic and Social Council on 29 March 1947, after considering the report of the Commission on this subject, adopted the following resolution:

"HAVING NOTED with approval the recommendations of the Statistical Commission regarding its programme for the development of an international standard industrial classification,

AUTHORIZES the Statistical Commission to invite individual experts, not more than seven in number, to work with the Committee on Industrial Classification established by the Commission to make proposals to the Commission on a standard industrial classification." (E/409)

3. In accordance with these instructions the Committee submits the attached report to the Commission and makes the following suggestions as to future procedure:

(a) That the report should be circulated to all member governments and to the Specialized Agencies with a request that they should forward

/their views

their views and comments on the proposals to reach the Secretariat not later than 1 February 1948.

(b) That a further meeting of the Committee on Industrial Classification should be arranged for a date in February 1948 at which these comments could be considered and a final draft prepared.

(c) That the Statistical Commission authorize the Chairman to request the Secretary-General to invite experts in this field to work with the Committee on Industrial Classification. The following individual experts are suggested as an initial group to which others may be added upon nomination by members of the Commission to the Chairman.

(i) R. E. Beales

(ii) V. S. Kolesnikoff

(iii) N. McKellar

(iv) A. Skaug

4. Having considered the principles enunciated by the Committee of Statistical Experts of the League of Nations concerning statistics of the gainfully occupied population, the Committee on Industrial Classification endorses the principles outlined in the League of Nations report on "Statistics of the Gainfully-Occupied Population", "Studies and Reports on Statistical Method No. 1", document C.226.M.128.1938.II.A. The Committee on Industrial Classification in following the lead of the Committee of Experts of the League of Nations proposes a classification of branches of economic activity (industry) which may be used for all purposes for which such a classification is appropriate. Thus while the classification as a whole will ordinarily be required for a census of population or other inquiry covering all branches of economic activity, the relevant sections may be used in more limited surveys obtaining their data from either individuals or establishments, for example: censuses of manufacturing, mining, agriculture, distribution, etc., as well as surveys of employment, unemployment, industrial accidents and similar subjects.

5. It is recognized that the requirements for industrial data for purposes  
/of international

of international comparison do not necessarily coincide with the domestic requirements of any one nation for such information. The attached classification is not, therefore, identical with that of any country. There is no reason that it should exactly parallel any domestic classification.

6. The purpose of this proposed international standard industrial classification is not to supersede existing national classifications, but to provide an up-to-date framework for the international comparison of statistics of national governments. The classification may be recommended for use as it stands by countries wishing to adopt for the first time a classification of industries. In the cases of countries that already have classification systems, a desirable degree of comparability may be achieved simply by a regrouping of the figures shown under the national classification, but, in these cases it is considered essential that all the necessary elements for such a regrouping be obtainable from national statistics.

7. While agreeing in general with the principles set forth by the Committee of Experts of the League of Nations, it is felt that the experience gained during the past ten years indicates the need for further elucidation and clarification of certain points. It is therefore proposed that the following definition of an establishment and statement of general principles be adopted:

A. Definition of Establishment

An establishment is generally defined as a single physical location where business is conducted or where services or industrial operations are performed; for example, a factory, mill, store, mine, farm or a business or profession carried on by an individual working on his own account. Where a single physical location comprises two or more units which are engaged in distinct or separate activities for which different industry classifications are provided, each such unit shall be treated as a separate establishment. Whenever it is practicable to do so, units which maintain separate payroll and inventory records should be regarded as separate establishments. An establishment may include

/departments

departments which are accessory to the main function of the concern; for example, a woodworking shop in an automobile factory, a printing shop in a paper box factory. In such a case, the establishment is assigned as a unit to the manufacture of automobiles or paper boxes respectively.

B. General Principles

- (a) The minimum list of industries is a classification of industries and not of occupations or commodities.
- (b) The classification is by industries irrespective of the kind of ownership. For example, industries operated by governmental authorities are classified by the character of the industry and not by the kind of ownership.
- (c) Each individual establishment is taken as the unit for classification and the classification of an individual establishment is determined by the principal product produced or handled or service rendered by the establishment. It is recommended that the principal product or service be determined by the proportion of gross revenue attributable to the produce or service. In case of the absence of information on value of product or service, the use of employment data is permissible; however, where possible every effort should be made to obtain data on value of product or service.

In the case of surveys obtaining data from individuals, each individual is assigned to an industry class on the basis of the nature of business of the establishment in which he works. An unemployed person is classified according to the nature of business of the establishment in which he was last employed for a significant period. A person with no previous employment history, but who is looking for work, is assigned to Division 9 - Activities Not Adequately Described.

- (d) Some establishments have separate operating units engaged in making articles (such as containers or packing) to be used primarily in the distribution of their own products. It is proposed that such

/units be

units be classified under the same headings as the establishments for which they are working.

8. It should be noted that in the new classification all notations are made in terms of arabic numbers. This change from the notational system adopted in the League of Nations classification has been instituted in the belief that it will be more universally accepted. Alphabets differ in various parts of the world and therefore letter references are sometimes not fully understood, whereas arabic numbers are universally recognized.
9. In addition, the numeric system used to identify divisions, major groups and sub-groups in the new classification are arranged on a decimal system. This meets the requirements of offices using punch cards and mechanical sorting and tabulating equipment, and at the same time provides a means whereby the proposed classification can be indefinitely expanded without changes in the basic outline or in the basic system of major groups and sub-groups.
10. The whole field of industry is divided into nine major divisions. Each major division is assigned its permanent 1-digit number, except Manufacturing which, because of the great number of major industrial groups, receives two 1-digit numbers (2 and 3).
11. Each major division has ten available sub-divisions (called major groups) and these are identified with 2-digit numeric notations. The first digit indicates the major division and the second number identifies the major sub-division of that division. The number of major groups within a major division varies from 1 to 10.
12. Major groups, in turn, can be sub-divided into 3-digit groups, the first digit identifying the major division, the first and second taken together indicating the major groups, and the first, second and third taken together identifying the industry class.
13. In cases where a major group is not sub-divided into groups, the title of the major group is also used as the title of the 3-digit group with "0" added to the identification number of the major group. For example, Major Group 72, Communication, has no further sub-division and the number 720 identifies the 3-digit group Communication. If it is decided to establish a  
/number

number of detailed sub-divisions - say, postal service, telephone, telegraph, and radio - then the major group and its sub-divisions would be identified as follows:

72	Communication
721	Postal Service
722	Telephone
723	Telegraph
724	Radio
729	Communication not Otherwise Classified

14. Special attention of the Statistical Commission is called to the fact that no matter how adequately the classification is developed, its full usefulness as an instrument to obtain internationally comparable data can be achieved only if the various users assign similar units, (establishments, individuals, etc.) to the same category. It is therefore recommended that as soon as the necessary data can be obtained an alphabetic index of principal products, services, etc., be developed and issued as a supplementary report.

15. Since 1938 considerable attention has been given in many countries to problems of industrial classification. These studies have indicated the need for certain modifications in the classification proposed by the League's Committee of Statistical Experts. The table which follows presents a summary of the changes which have been incorporated in the present report.

TABLE I  
HOW THE LEAGUE OF NATIONS CLASSIFICATION WOULD BE AFFECTED  
BY THE PROPOSED INTERNATIONAL CLASSIFICATION

(Changes in the League of Nations Classification to be made in order to meet requirements of the Proposed Classification. In the absence of descriptions of industries in the League of Nations Classification, determination on their scope is made on the basis of titles of industries and of the explanatory notes prepared by the Committee of Statistical Experts Description of industries in the Proposed Classification is given in Part)

<u>League of Nations Item</u>	<u>Explanations</u>
1. Agriculture and Stock-breeding	<u>No change.</u> Goes in toto in the Proposed International Classification to Group 010, "Agriculture"
2. Forestry, Hunting and Trapping	<u>To be subdivided</u> into 3 groups as follows: (a) "Extraction of pine-resin, and wild rubber; wood-barking; herb and wild fruit gathering" to go to the Proposed International Classification Group 021, "Forestry" (b) "Felling and cutting of trees" to go to Group 022, "Logging" (c) "Trapping" to go to Group 030, "Hunting, Trapping, and Game Propagation"
3. Fishing	<u>No change.</u> Goes in toto to Group 040, "Fishing"
4. Coal and lignite	<u>No change.</u> Goes in toto to Group 110, "Coal Mining"
5. Iron ores	<u>No change.</u> Goes in toto to Group 121, "Iron Ore Mining"
6. Other metal ores, including bauxite and precious-metal bearing minerals	<u>No change.</u> Goes in toto to Group 122, "Metal Mining Except Iron Ore Mining"
7. Oil and natural gas, oil shale	<u>No change.</u> Goes in toto to Group 130, "Crude Petroleum and Natural Gas"

/8. Mining



<u>League of Nations Item</u>	<u>Explanations</u>
8. Mining and quarrying of non-metallic minerals, n.e.s.	<u>No change.</u> Goes in toto to Group 190, "Non-metallic Mining and Quarrying, N.E.C."
9. Quarrying of Stone and Other Materials used principally for Construction	<u>No change.</u> Goes in toto to Group 140, "Stone Quarrying, Clay and Sand Pits"
10. Slaughtering, preparation and preserving of meat	<u>No change.</u> Goes in toto to Group 201, "Slaughtering, Preparation, and Preserving of Meat"
11. Preparation and preserving of fish, crustaceans and molluscs	<u>No change.</u> Goes in toto to Group 204, "Canning and Preserving of Fish and Other Sea Foods"
12. Preserving of fruits, vegetables and other foods n.e.s.	<u>No change.</u> Goes in toto to Group 203, "Canning and Preserving of Fruits and Vegetables" (It is not clear what League of Nations Classification lists under "other food")
13. Manufacture of butter, cheese and condensed milk	<u>No change.</u> Goes in toto to Group 202, "Manufacture of Dairy Products"
14. Grain and rice milling	<u>No change.</u> Goes in toto to Group 205, "Manufacture of Grain Mill Products"
15. Bread, biscuit and pastry-making	<u>No change.</u> Goes in toto to Group 206, "Manufacture of Bakery Products"
16. Sugar factories and refineries	<u>No change.</u> Goes in toto to Group 207, "Sugar Factories and Refineries"
17. Manufacture of coca, chocolate and sugar confectionery	<u>No change.</u> Goes in toto to Group 208, "Manufacture of Cocoa, Chocolate and Sugar Confectionery"
18. Other food industries, n.e.s.	<u>No change.</u> Goes in toto to Group 209, "Manufacture of Miscellaneous Food Products"

/19. Distilling

<u>League of Nations Item</u>	<u>Explanations</u>
19. Distilling of alcohol for all uses	Manufacture of yeast to be reassigned to Group 209, The residue goes to Group 211, "Distilling, Rectifying, and Blending of Spirits"
20. Other beverage industries	To be subdivided into 3 groups as follows:  212 Wine Industries 213 Breweries and Manufacturing of Malt 214 Soft Drinks and Carbonated Water Industries  Also fruit juice to be reassigned to Group 203, "Canning and Preserving of Fruits and Vegetables"
21. Tobacco Industries	<u>No change.</u> Goes in toto to Group 220, "Tobacco Manufactures"
22. Manufacture of Animal and Vegetable Oils and Fats, Including Margarine	Manufacture of margarine to be reassigned to Group 209, "Manufacture of Miscellaneous Food Products". The residue goes to the broader Group 310, "Manufacture of Chemicals and Chemical Products"
23. Chemical industries, n.e.s.	<u>No change.</u> Goes in toto to Group 310, "Manufacture of Chemicals and Chemical Products"
24. Manufacture of Rubber	Manufacture of Synthetic Rubber to be reassigned to Group 310, "Manufacture of Chemicals and Chemical Products"
25. Saw-milling	<u>No change.</u> Goes in toto to the broader Group 250, "Manufactures of Wood and Cork Except Manufacture of Furniture"
26. Builders' woodwork, parquet flooring, furniture and cabinet making	Manufacture of furniture to be reassigned to Group 260, "Manufacture of Furniture and Fixtures". Residue goes to the broader Group 250, "Manufactures of Wood and Cork Except Manufacture of Furniture"
27. Other manufactures of wood, cork and basket ware, n.e.s.	<u>No change.</u> Goes in toto to the broader Group 250, "Manufactures of Wood and Cork Except Manufacture of Furniture"

/28. Pulp

<u>League of Nations Item</u>	<u>Explanations</u>
28. Pulp and paper mills	<u>No change.</u> Goes in toto to Group 271, "Pulp, Paper, and Paper-board Mills"
29. Manufacture of stationery and articles of paper and cardboard	<u>No change.</u> Goes in toto to Group 272, "Manufacture of Articles of Pulp, Paper, and Paperboard"
30. Printing and bookbinding and related industries	<u>No change.</u> Goes in toto to Group 280, "Printing, Publishing, and Allied Industries"
31. Photography	<u>No change.</u> Goes in toto to Group 846, "Portrait and Commerical Photographic Studios"
32. Dressing and tanning of skins, hides, and leather, preparation of hair and bristles	<u>Preparation of hair and bristles to be reassigned</u> to Group 399, "Manufacturing Industries, n.e.c.". The residue goes to Group 291, "Tanneries and Leather Finishing Plants"
33. Fur dressing and manufacture of fur articles	<u>No change.</u> Goes in toto to Group 241, "Manufacture of Wearing Apparel Except Footwear"
34. Manufacture of leather articles except footwear and other wearing apparel	<u>No change.</u> Goes in toto to Group 292, "Manufacture of Leather Products Except Footwear and Wearing Apparel"
35. Manufacture of artificial textile fibres	<u>No change.</u> Goes in toto to the broader Group 310, "Manufacture of Chemicals and Chemical Products".
36. Cordage and twine factories	<u>No change.</u> Goes in toto to Group 233, "Cordage, Rope, and Twine Factories"
37. Manufacture of textile yarns and fabrics, n.e.s.	<u>To be subdivided</u> into 2 groups as follows: <div style="margin-left: 40px;">231 Primary Textile Mills Other Than Knitting Mills</div> <div style="margin-left: 40px;">239 Textile Mills, n.e.c. (oilcloth, linoleum, artificial leather, felt, elastic webbing)</div>

<u>League of Nations Item</u>	<u>Explanations</u>
38. Knitted fabrics and knitted articles of all kinds	<u>No change.</u> Goes in toto to Group 232, "Knitting Mills"
39. Manufacture and repair of wearing apparel other than footwear	<u>No change.</u> Goes in toto to Group 241, "Manufacture of Wearing Apparel Except Footwear"
40. Manufacture and repair of footwear of all materials, except rubber.	<u>To be subdivided into 2 groups as follows:</u> 242 Manufacture of Footwear Except Rubber Footwear 243 Repair of Footwear
41. Manufacture of made-up textile articles other than clothing	<u>No change.</u> Goes in toto to Group 244, "Manufacture of Made-up Textile Goods Except Clothing"
42. Production and Supply of Electricity, Gas and Heat; Water Supply	<u>To be subdivided into 4 groups as follows:</u> 510 Electric Light and Power Production and Distribution 520 Gas Manufacture and Distribution 530 Water Supply 540 Steam Heat and Power
43. Coke works and briquette factories	<u>To be subdivided into 2 groups as follows:</u> 322 Coke Ovens 329 Manufacture of Miscellaneous Products of Petroleum and coal
44. Petroleum refineries, oil shale distilleries	<u>No change.</u> Goes in toto to Group 321, "Petroleum Refineries"
45. Brick and tile works, manufacture of other goods of baked clay and stoneware (except pottery)	<u>No change.</u> Goes in toto to Group 331, "Manufacture of Structural Clay Products" (Brick, Tile, Sewer Pipe, Clay Refractories)
46. Manufacture of fine pottery, china and earthenware	<u>No change.</u> Goes in toto to Group 333, "Manufacture of Pottery, China, and Earthenware"

/47. Manufacture

<u>League of Nations Item</u>	<u>Explanations</u>
47. Manufacture of glass	<u>No change.</u> Goes in toto to Group 332, "Manufacture of Glass and Glass Products"
48. Manufacture of other non-metallic minerals	<u>To be subdivided</u> into 2 groups as follows: 334. Manufacture of Cement (Hydraulic) 339. Manufacture of Non-metallic Mineral Products N.E.C
49. Iron and steel (Smelting, casting, rolling, forging, and drawing)	<u>No change.</u> Goes in toto to Group 341, "Iron-and-steel Primary Industries" (Blast Furnaces, Steel Works, Rolling Mills, Iron and Steel Foundries)
50. Non-ferrous base metals (Smelting, casting, rolling, forging and drawing)	<u>No change.</u> Goes in toto to Group 342, "Non-Ferrous-Metals Primary Industries" (Smelting, Refining, Rolling, Drawing, Alloying of Non-ferrous Metals, and Non-ferrous Foundries)
51. Manufacture of Articles of Base Metals, n.e.s.	<u>No change.</u> Goes in toto to Group 350, "Secondary Metal Industries"
52. Manufacture and repair of machines, apparatus and appliances, other than electrical, n.e.s. (including fire-arms)	<u>To reassign</u> manufacturing of fire-arms to Group 350, "Secondary Metal Industries" The residue goes to Group 360, "Manufacture of Machinery other Than Electric"
53. Manufacture and repair of electrical machinery, apparatus and appliances, n.e.s.	<u>No change.</u> Goes in toto to Group 370, "Manufacture of Electrical Machinery, Apparatus, Appliances, and Supplies"
54. Manufacture and repair of ships and boats	<u>No change.</u> Goes in toto to Group 381, "Ship Building and Repairing"
55. Manufacture and repair of locomotives, wagons and equipment (other than electrical) for railways and tramways	<u>No change.</u> Goes in toto to Group 382, "Manufacture of Railroad Equipment"

/56. Manufacture

<u>League of Nations Item</u>	<u>Explanations</u>
56. Manufacture and assembling of	To be subdivided into 2 groups as follows: 383 Manufacture of Motor Vehicles 385 Manufacture of Bicycles
57. Repair of motor vehicles, motor-cycles and pedalcycles	<u>No change.</u> Goes in toto to Group 384, "Repair of motor vehicles and cycles"
58. Manufacture and repair of aircraft	<u>No change.</u> Goes in toto to Group 386 "Manufacture of Aircraft"
59. Manufacture and repair of other vehicles, wheelwrights work, coachbuilding	<u>No change.</u> Goes in toto to Group 389, "Manufacture of Transportation Equipment, n.e.c."
60. Manufacture of scientific medical and optical instruments (other than electric instruments)	To be subdivided into 2 groups as follows: 391 Manufacture of Professional, Scientific, and Controlling Instruments 392 Manufacture of Photographic and Optical Goods
61. Manufacture of clocks and watches	<u>No change.</u> Goes in toto to Group 393, "Manufacture of Watches and Clocks"
62. Manufacture of jewellery and related articles	<u>No change.</u> Goes in toto to Group 395, "Manufacture of Jewellery"
63. Manufacture of musical instruments, including phonographs and records	To reassign manufacture of phonographs to Group 370, "Manufacture of electrical machinery, apparatus, appliances and supplies." The residue goes to Group 396, "Manufacture of Musical Instruments"
64. Other Manufacturing Industries, n.e.s.	<u>No change.</u> Goes in toto to Group 399, "Manufacturing Industries, n.e.c."
65. Manufacturing industries not adequately described	<u>No change.</u> If this item appears, it goes to Group 399, "Manufacturing Industries, n.e.c."

/66. Building

<u>League of Nations Items</u>	<u>Explanations</u>
66. Building and Other Constructional Work, including Repair and Maintenance of Structures, n.e.s.	<u>No change.</u> Goes in toto to Group 400, "Construction"
67. Rail Transport	Tramways, underground railways <u>to be reassigned</u> to Group 712, "Tramways and Omnibus Operators". The residue goes to Group 711, "Railroad Transport"
68. Road Transport	Operation of omnibuses <u>to be reassigned</u> to Group 712, "Tramways and Omnibus Operators". The residue <u>to be sub-divided</u> into 2 groups as follows: 713 Interurban bus lines (coach operators) 714 Road Transport, n.e.c.
69. Water Transport	<u>No change.</u> Goes in toto to Group 715, "Water Transport"
70. Air Transport	<u>No change.</u> Goes in toto to Group 716, "Air Transport"
71. Post, Telegraph and Telephones	<u>No change.</u> Goes in toto to Group 730, "Communication (Post, Telephone, Telegraph)"
72. Wholesale and Retail Trade	<u>To be subdivided</u> into 2 groups as follows: 611 Wholesale Trade 612 Retail Trade
73. Banking and Financial business, n.e.s.	<u>No change.</u> Goes in toto to Group 610, "Banks and Other Financial Institutions"
74. Insurance	<u>To be subdivided</u> into 2 groups as follows: 631 "Insurance Companies (Insurance carriers)" 632 Insurance Agents and Brokers
75. Agencies for Other Purposes n.e.s.	House and estate agencies <u>to be reassigned</u> to Group 640, "Real Estate". The residue <u>to be subdivided</u> as follows: 717 Services Incidental to Transportation 827 Business Service n.e.c.

<u>League of Nations Items</u>	<u>Explanations</u>
76. Provision of Lodging, Food and Drink	<u>To be subdivided into 2 groups as follows:</u>  842 "Restaurants, Cafes, Taverns, and Other Drinking and Eating Places" 843 "Hotels, Rooming Houses, Camps, and Other Lodging Places"
77. Managing and upkeep of buildings for occupation by several tenants	<u>No change.</u> Goes in toto to Group 640, "Real Estate"
78. Undertakings for cleaning and maintenance	<u>To reassign</u> "cleaning of interior of dwellings and other premises, chimney sweeping, shoe-shining" to Group 849, "Personal Service, n.e.c.". The residue goes to Group 844, "Laundries and Laundry Service; Cleaning and Dyeing"
79. Care of the person	<u>To reassign</u> baths to Group 849, "Personal Service Not Elsewhere Classified". The residue to go to Group 845, "Barber and Beauty Shops".
80. Household and Personal Service	<u>No change.</u> Goes in toto to Group 841, "Domestic Service"
81. Musical, theatrical and cognate performances	<u>To reassign</u> cinemas to Group 831, "Motion Picture Production, Distribution and Projection", and theaters and theatrical services to Group 832, "Theater and Theatrical Services". The residue to go to Group 833, "Recreation Service Other than Motion Picture and Theatrical Services"
82. Production of Motion Picture films	<u>No change.</u> Goes in toto to the broader Group 831, "Motion Picture Production, Distribution, and Projection"
83. Sport	<u>No change.</u> Goes in toto to the Group 833, "Recreation Service Other Than Motion Picture and Theatrical Services"

/84. Medicine



<u>League of Nations Items</u>		<u>Explanations</u>
84. Medicine and care of the sick and infirm	<u>No change.</u>	Goes in toto to Group 822, "Medical and Other Health Service"
85. Funeral undertaking, cemeteries, crematoria	<u>No change.</u>	Goes in toto to Group 849, "Personal Services, n.e.c."
86. Other health services	<u>No change.</u>	Goes in toto to Group 822, "Medical and Other Health Service"
87. Education and instruction	<u>No change.</u>	Goes in toto to Group 821, "Educational Services"
88. Arts, sciences and public information services, n.e.s.	<u>No change.</u>	Goes in toto to Group 829, "Community Service, n.e.c."
89. Religion	<u>No change.</u>	Goes in toto to Group 823, "Religious Organizations"
90. National Defence	<u>No change.</u>	Goes in toto to Group 810, "Government Service"
91. Labour Camps and Similar Organizations		
92. Public Services, n.e.s.	<u>No change.</u>	Goes in toto to Group 810, "Government Service"
93. Other services and organizations of general interest	To be subdivided according to appropriate type of activities into 4 groups as follows:	
	824	Welfare Institutions
	825	Legal Service
	828	Trade Associations and Labour Organizations
	829	Community Service, n.e.c.
94. Activities not adequately described	<u>No change.</u>	Goes in toto to Group 900, "Activities not Adequately Described"

/TABLE II

TABLE II

NUMBER OF DIVISIONS, CLASSES AND SUB-CLASSES IN THE LEAGUE OF  
NATIONS AND THE PROPOSED INTERNATIONAL CLASSIFICATIONS

	<u>League of Nations</u>	<u>Proposed</u>
Number of divisions (or sections)	9	9
Number of major groups (or chapters)	45	46
Number of groups (or items)	94	110

PART II

SUMMARY OF CLASSIFICATION

LIST OF DIVISIONS AND MAJOR GROUPS

Division 0. - AGRICULTURE, FORESTRY, HUNTING, AND FISHING

- Major Group 01 - Agriculture  
02 - Forestry and Logging  
03 - Hunting, Trapping, and Game Propagation  
04 - Fishing

Division 1. - MINING AND QUARRYING

- Major Group 11 - Coal Mining  
12 - Metal Mining  
13 - Crude Petroleum and Natural Gas  
14 - Stone Quarrying, Clay and Sand Pits  
19 - Non-metallic Mining and Quarrying Not Elsewhere  
Classified

Divisions 2-3. - MANUFACTURING

- Major Group 20 - Food Manufacturing Industries (Not Including  
Beverage Industries)  
21 - Beverage Industries  
22 - Tobacco Manufactures  
23 - Manufacture of Textiles  
24 - Manufacture of Wearing Apparel and Other  
Made-Up Textile Goods  
25 - Manufacture of Wood and Cork Except  
Manufacture of Furniture  
26 - Manufacture of Furniture and Fixtures  
27 - Manufacture of Paper and Paper Products  
28 - Printing, Publishing, and Allied Industries  
29 - Manufacture of Leather and Leather Products  
Except Footwear  
30 - Manufacture of Rubber Products  
31 - Manufacture of Chemicals and Chemical Products  
32 - Manufacture of Products of Petroleum and Coal  
33 - Manufacture of Non-metallic Mineral Products,  
Except Products of Petroleum and Coal  
34 - Primary Metal Industries  
35 - Secondary Metal Industries  
36 - Manufacture of Machinery Other Than Electric  
37 - Manufacture of Electrical Machinery, Apparatus,  
Appliances, and Supplies  
38 - Manufacture of Transportation Equipment  
39 - Miscellaneous Manufacturing Industries

Division 4. - CONSTRUCTION

- Major Group 40 - Construction

Division 5. - PRODUCTION AND SUPPLY OF ELECTRICITY, GAS, AND HEAT; WATER SUPPLY

- Major Group 51 - Electric Light and Power  
52 - Gas Manufacture and Distribution  
53 - Water Supply  
54 - Steam Heat and Power

/Division 6.

Division 6. - COMMERCE

- Major Group 61 - Wholesale and Retail Trade
- 62 - Banks and Other Financial Institutions
- 63 - Insurance
- 64 - Real Estate

Division 7. - TRANSPORT, STORAGE, AND COMMUNICATION

- Major Group 71 - Transport
- 72 - Storage and Warehousing
- 73 - Communication

Division 8. - SERVICES

- Major Group 81 - Government Service
- 82 - Community and Business Service
- 83 - Recreation Service
- 84 - Personal Service

Division 9. - ACTIVITIES NOT ADEQUATELY DESCRIBED

- Major Group 90 - Activities Not Adequately Described

PART III

DETAILED CLASSIFICATION, INCLUDING DESCRIPTION OF INDUSTRIES

Division 0. - AGRICULTURE, FORESTRY, HUNTING, AND FISHING

Major  
Group

Group

01

010

AGRICULTURE

To include all farms regardless of kind of ownership and type of operation. A farm for purposes of industrial classification is defined as all land used wholly or partly for agricultural production; that is, growing of field crops, fruits, nuts, seeds, vegetables, flowers, both in the open and under glass, tea plantations, rubber plantations and the production of livestock, milk, and wool, poultry and eggs, honey, rabbits, fur-bearing animals, etc.

Should a more detailed classification be desired, it is recommended that it should be based upon the principal product, and not upon type of ownership or organization.

To include also agricultural services such as inspection and protection services; cotton ginning and compressing; corn shelling; hay baling; threshing; animal husbandry; and horticultural services..

02

FORESTRY AND LOGGING

021

Forestry

To include timber tracts; reforestation; and gatherings of all kinds of crude materials, such as gums from spruce, chestnut, cherry, and rubber trees; barks; herbs, wild fruits, moss, and balsam needles.

022

Logging

To include logging camps for felling and cutting trees, and rafting of logs. To include also logging contractors.

03

030

HUNTING, TRAPPING, AND GAME PROPAGATION

Hunting and trapping wild animals for commercial purposes;

Major Group	Group	
03	030	game propagation for commercial purposes. Not to include establishments operating a guide service for sportsmen.
04	040	<u>FISHING</u>  Fishing in inland and ocean waters; operation of oyster beds; whaling. To include also fishery services such as fishery inspection and protection service, and the operation of fish hatcheries.
		<u>Division 1. - MINING AND QUARRYING</u>  Extraction of minerals which occur in nature as either solids, liquids, or gases, and which may be organic or inorganic. Underground and surface mines, quarries, and oil wells with all supplemental operations for dressing and beneficiating ores and other crude minerals are to be included in this Division. Contractors' services preparatory to actual operations of mines, quarries, and oil wells to be classified with Construction (400).
11	110	<u>COAL MINING</u>  Mines primarily engaged in the extraction of anthracite and of bituminous and other soft coals. This Major Group also shall include establishments which break, wash, or grade coal. Production of coke and coke by-products to be classified in Manufacturing.
12		<u>METAL MINING</u>  Mines engaged in the extraction of metalliferous ores and in the dressing and beneficiating of ores.
	121	<u>Iron Ore Mining</u>
	122	<u>Metal Mining Except Iron Ore Mining</u>
13	130	<u>CRUDE PETROLEUM AND NATURAL GAS</u>  Oil well operations; natural gas well operations (including drilling when carried on by well operators); and oil shale

<u>Major Group</u>	<u>Group</u>	
13	130	or bituminous sand operations. The independent operation of pipe lines to transport the petroleum, natural gasoline, and natural gas to be classified in Division 7, Transport, Storage and Communication.

14	140	<u>STONE QUARRYING, CLAY AND SAND PITS</u>
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Establishments primarily engaged in the extraction from the earth of stone (including slate), clay, sand and gravel.

19	190	<u>NON-METALLIC MINING AND QUARRYING NOT ELSEWHERE CLASSIFIED</u>
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Establishments primarily engaged in mining and quarrying such materials as asbestos, gypsum, salt and sulphur; and all other non-metallic minerals except coal, stone, clay, sand and gravel.

Divisions 2-3. - MANUFACTURING

To include establishments engaged in the mechanical or chemical transformation of inorganic or organic substances into new products, whether the work is performed by power-driven machines or by hand, and whether it is done in a factory or in the worker's home. Establishments engaged in assembling component parts of manufactured products are also considered manufacturing if the new product is neither a structure nor other fixed improvement.

The materials used by manufacturing establishments may be purchased directly from producers, obtained through customary trade channels, or secured without recourse to the market by transferring the product from one establishment to another which is under the same ownership. Manufacturing production is usually carried on for the wholesale market, for interplant transfer, or to order for industrial users, rather than for direct sale to the domestic consumer.

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19	190	Printing, publishing, and industries servicing the printing trades are classified as manufacturing industries.
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Establishments engaged in repair work are classified with the appropriate class in the manufacturing division.

Auxiliary units, such as power plants, laboratories, repair shops, garages, or warehouses, operated by a manufacturing establishment for its own use, are classified according to the primary activity of the manufacturing establishment. Central and district administrative offices are included with the manufacturing establishment when they are not primarily wholesale outlets.

20		<u>FOOD MANUFACTURING INDUSTRIES (NOT INCLUDING BEVERAGE INDUSTRIES)</u>
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Establishments manufacturing foods for human consumption and certain related products such as chewing gum, spices, manufactured ice, and prepared feeds for animals and fowls.

201		<u>Slaughtering, Preparation and Preserving of Meat</u>
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Abattoirs and meat packing plants; establishments engaged in killing, dressing, packing, and canning poultry, rabbits, and small game for the trade.

202		<u>Manufacture of Dairy Products</u>
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Establishments primarily engaged in manufacturing creamery butter, natural cheese, condensed milk, ice cream and ices, and special dairy products such as processed butter, processed cheese, and malted milk,

203		<u>Canning and Preserving of Fruits and Vegetables</u>
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Establishments primarily engaged in canning fruits and vegetables including fruit and vegetable juices; manufacturing and canning soups, preserves, jams and jellies, pickles and sauces. To include also establishments engaged in quick-freezing fruits, vegetables, and other foods.



<u>Major Group</u>	<u>Group</u>	
20	204	<u>Canning and Preserving of Fish and Other Sea Foods</u>
	205	<u>Manufacture of Grain Mill Products</u>  Flour and other grain mill products mills; establishments preparing breakfast foods and other cereal preparations; cleaned and polished rice, and blended and prepared flour.
	206	<u>Manufacture of Bakery Products</u>  Establishments primarily engaged in manufacturing bread, cakes, handmade cookies, doughnuts, pies, pastries and similar "perishable" bakery products; biscuit crackers, pretzels and similar "dry" bakery products. Macaroni, spaghetti, vermicelli and noodles not to be included but to be classified with Miscellaneous Food Preparations (309).
	207	<u>Sugar Factories and Refineries</u>  Establishments primarily engaged in manufacturing raw sugar, syrup, and granulated or clarified cane sugar from sugar cane; as well as manufacturing sugar from sugar beets. To include also sugar refineries.
	208	<u>Manufacture of Cocoa, Chocolate and Sugar Confectionery</u>  Establishments manufacturing candy and other confections such as chocolate candies, chocolate-covered bars, marshmallows, fudge, candied and crystallized fruits, candy-covered nuts, salted nuts, stuffed dates and similar products; also manufacturing chocolate and cocoa butter from cocoa beans and other chocolate and cocoa products. Manufacturing of chewing gum also to be included.
21	209	<u>Miscellaneous Food Preparations</u>  To include establishments manufacturing all kinds of food preparations not elsewhere classified.
		<u>BEVERAGE INDUSTRIES</u>  Includes establishments producing distilled spirits, wine,

<u>Major Group</u>	<u>Group</u>	
21	209	malt liquors, soft drinks and carbonated beverages...
	211	<u>Distilling, Rectifying and Blending of Spirits</u> Establishments which distil or blend alcoholic liquors such as whiskey, brandy, rum, gin, cordials, and prepared mixed drinks (cocktails).
	212	<u>Wine Industries</u> Establishments engaged in the production of wines, cider, and perry.
	213	<u>Breweries and Manufacturing of Malt</u> Establishments engaged in the production of malt liquors such as beer, ale, porter and stout.
	214	<u>Soft Drinks and Carbonated Water Industries</u> ... Establishments manufacturing non-alcoholic beverages such as soft drinks and carbonated mineral waters.
22	220	<u>TOBACCO MANUFACTURES</u> Establishments primarily engaged in manufacturing cigarettes, cigars, smoking and chewing tobacco and snuff. Stemming, redrying and other operations connected with preparing raw-leaf tobacco for manufacturing also to be included.
23		<u>MANUFACTURE OF TEXTILES</u> To include establishments engaged in performing any of the following operations: (1) processing textile fibres to prepare them for spinning; (2) manufacturing yarn, thread, woven fabrics, knit fabrics, laces, braids, carpets and rugs, knit garments made on knitting machines; (3) dyeing and finishing fabrics, yarn and fibres; (4) coating, waterproofing, and otherwise treating fabrics; (5) manufacturing cordage, ropes and twine.

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231

Primary Textile Mills Other Than Knitting Mills

To include scouring and combing plants; yarn and thread mills; broadwoven fabric mills; narrow fabrics and other small wares mills; dyeing and finishing establishments; carpet and rug factories; lace mills, and other primary textile manufacturing establishments.

232

Knitting Mills

To include hosiery mills and other knitting mills.

233

Cordage, Rope, and Twine Factories

Establishments manufacturing rope, cable, cordage, twine, and related goods from hemp, jute, cotton, paper, flax, and other fibres.

239

Textile Mills Not Elsewhere Classified

To include mills engaged in manufacturing linoleum and other hard-faced floor coverings with textile base; artificial leather, oilcloth and other impregnated and coated fabrics; felt factories.

24

MANUFACTURE OF WEARING APPAREL AND OTHER MADE-UP TEXTILE GOODS

Industries manufacturing footwear, gloves, hats, clothing, apparel, accessories and all kinds of made-up textile goods.

241

Manufacture of Wearing Apparel Except Footwear

Establishments primarily engaged in manufacturing wearing apparel by cutting and sewing fabrics, leather, fur and other materials, in fur-dressing and dyeing and in manufacturing umbrellas and walking sticks. Important products of this group are: underwear and outer-wear; millinery; hats; fur goods; gloves and mittens; suspenders, garters and related products; robes and dressing gowns; raincoats and other waterproof outer garments; leather and sheep-lined clothing; apparel belts regardless of material; handkerchiefs; academic caps

<u>Major Group</u>	<u>Group</u>	
24	241	and gowns; vestments; theatrical costumes. Establishments primarily engaged in cleaning and pressing articles of wearing apparel to be classified in Group 844, Laundries and laundry service; cleaning and dyeing.
	242	<u>Manufacture of Footwear Except Rubber Footwear</u>  Establishments primarily engaged in manufacturing all kinds of footwear, leggings, and overgaiters made of leather, fabrics, plastics, wood and other materials. Manufacturing of rubber footwear to be classified in Major Group 30, <u>Manufacture of Rubber Products</u> .
	243	<u>Repair of Footwear</u>  Establishments primarily engaged in repairing boots and shoes (cobbling).
	244	<u>Manufacture of Made-Up Textile Goods</u>  Establishments that do no weaving and are primarily engaged in making up curtains, draperies, and other house furnishings such as sheets, pillowcases, napkins, tablecloths, comfortables, blankets, bedspreads, pillows, laundry bags, and slip covers; textile bags; canvas products; trimmings; embroideries; banners, flags, and pennants. To include also stitching, and tucking plants.
25	250	<u>MANUFACTURES OF WOOD AND CORK EXCEPT MANUFACTURE OF FURNITURE</u>  To include sawmills, veneer mills, lath mills, shingle mills, cooperage stock mills, planing mills, plywood mills, and establishments engaged in wood preserving and manufacturing finished articles made entirely or mainly of wood or wood substitutes. Manufacture of wood furniture to be classified in Furniture Manufacturing Industries (Major Group 26); pianos and wooden musical instruments to be classified with Musical Instruments Industries (Group 396); caskets and coffins to be

<u>Major Group</u>	<u>Group</u>	
25	250	classified in Morticians' Goods Industries (399 Manufacturing Industries not elsewhere classified).
26	260	<u>MANUFACTURE OF FURNITURE AND FIXTURES</u> Establishments primarily engaged in manufacturing household, office, public building, professional and restaurant furniture; office and store fixtures, window and door screens and shades, regardless of materials used.
27		<u>MANUFACTURE OF PAPER AND PAPER PRODUCTS</u> To include all paper and paperboard mills; and establishments primarily engaged in manufacturing articles of pulp, paper and paperboard.
	271	<u>Pulp, Paper, and Paperboard Mills</u> Manufacture of pulp from wood, and from rags and other fibres; the conversion of these pulps into any kind of paper or paperboard.
	272	<u>Manufacture of Articles of Pulp, Paper, and Paperboard</u> Establishments primarily engaged in the manufacture of paper and paperboard into converted paper products such as coated paper, paper bags, paper boxes and other paper containers, cards, envelopes, and wallpaper. To include also manufacture of all kinds of pressed and moulded pulp goods such as pulp plates and utensils.
28	280	<u>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</u> Establishments primarily engaged in printing, lithographing, and publishing newspapers, periodicals, books, maps, atlases, sheet music, and directories; commercial or public printing establishments; commercial lithographing; establishments manufacturing greeting cards; bookbinding; blank-book making; paper ruling; manufacturing looseleaf devices and library binders, and other establishments primarily

<u>Major Group</u>	<u>Group</u>	
28	280	engaged in work related to bookbinding such as book or paper bronzing, gilding and edging; map and sample mounting. To include also establishments rendering service for the printing trade such as typesetting, engraving, and etching steel and copper plates; making woodcuts; photo-engraving; electrotyping and stereotyping.
29		<u>MANUFACTURE OF LEATHER AND LEATHER PRODUCTS EXCEPT FOOTWEAR</u>  Industries engaged in tanning, currying and finishing hides and skins, and in manufacturing leather products except footwear. Manufacture of footwear to be classified in Group 242.
	291	<u>Tanneries and Leather Finishing Plants</u>  Establishments primarily engaged in tanning, currying and finishing all kinds of leather and in embossing and japanning leather; to include also manufacturing leather belting and leather packing.
	292	<u>Manufacture of Leather Products Except Footwear and Other Wearing Apparel</u>  Establishments primarily engaged in manufacturing leather products except footwear and other wearing apparel such as luggage, handbags, pocketbooks, card, cigarette and key cases, coin purses, checkbook covers, saddlery, harness, whips and other articles made of leather or leather substitutes. Manufacturing of boot and shoe cut stock and findings also to be included.
30	300	<u>MANUFACTURE OF RUBBER PRODUCTS</u>  Establishments manufacturing from natural or synthetic rubber, gutta percha, balata, or gutta siak, all kinds of rubber products such as tires, rubber footwear, mechanical rubber goods and rubber sundries. To include also

<u>Major Group</u>	<u>Group</u>	
30	300	establishments engaged in reclaiming rubber from used tires, scrap, and miscellaneous waste rubber by manufacturing processes which result in a product that is sold for mixing with crude natural rubber and synthetic rubber as an extender. To include also establishments manufacturing rebuilt and retreaded rubber tires.
31	310	<u>MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS</u>  Industries producing basic chemicals and industries manufacturing products by predominantly chemical processes. Chemical industries include three general classes of establishments: (1) manufacturing basic industrial chemicals such as acids, alkalies, salts, and organic chemicals; (2) manufacturing chemical products to be used in further manufacture such as synthetic fibres, plastic materials and elastomers, including synthetic rubber; crude animal and vegetable oils, dry colours, and pigments; and (3) manufacturing finished chemical products to be used for ultimate consumption such as drugs, cosmetics, and soaps; or materials and supplies such as paints, fertilizers, and explosives to be used in other industries. Great variety of differences in organization of chemical industries from country to country makes it inadvisable to recommend any sub-division of this very important Major Group.
32		<u>MANUFACTURE OF PRODUCTS OF PETROLEUM AND COAL</u>  Includes such establishments as petroleum refineries, coke ovens and others engaged in manufacturing products from petroleum and coal.
	321	<u>Petroleum Refineries</u>  To include petroleum refineries producing gasoline, fuel oils, lubricants, illuminating oils, and other products from

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32      321      crude petroleum and its fractionation products. To include also the manufacture of petroleum and petroleum products from coal.

322      Coke Ovens

329      Manufacture of Miscellaneous Products of Petroleum and Coal

Establishments primarily engaged in manufacturing asphalt paving and roofing materials; fuel briquettes and packaged fuel; lubricating oils and greases made outside of petroleum refineries.

33      MANUFACTURE OF NON-METALLIC MINERAL PRODUCTS EXCEPT PRODUCTS OF PETROLEUM AND COAL

This group includes establishments manufacturing clay products; glass and glass products; pottery, china, and earthenware; cement and other non-metallic mineral products.

331      Manufacture of Structural Clay Products (brick, tile, sewer pipe, clay refractories)

Establishments engaged in manufacturing structural clay products such as brick, tile, pipe, crucibles, architectural terra cotta; stove lining, chimney pipes and tops.

332      Manufacture of Glass and Glass Products

Establishments primarily engaged in producing flat glass and other glass products.

333      Manufacture of Pottery, China, and Earthenware

Establishments primarily engaged in producing such articles as pottery, china, and earthenware.

334      Manufacture of Cement (hydraulic)

Establishments primarily engaged in the manufacture of all types of hydraulic cement, such as Portland, natural, masonry, puzzolan, fibro and Roman.

339      Manufacturing of non-Metallic Mineral Products not Elsewhere Classified



<u>Major Group</u>	<u>Group</u>	
33	339	Establishments primarily engaged in manufacturing concrete, gypsum, and plaster products; mineral wool; cut-stone and stone products; abrasive and asbestos products; non-clay refractories and crucibles; and all other articles made from non-metallic mineral materials.
34		<u>PRIMARY METAL INDUSTRIES</u>
		Industries engaged in smelting and refining of ferrous and non-ferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and non-ferrous metals; and in the manufacture of castings, forgings, and other basic materials made of ferrous and non-ferrous metals.
	341	<u>Iron-and-Steel Primary Industries</u>
	342	<u>Non-Ferrous-Metals Primary Industries</u>
35	350	<u>SECONDARY METAL INDUSTRIES</u>
		Establishments engaged in the further manufacturing of basic metal shapes into finished articles generally recognized as "end products" such as tin cans and other tinware; hand tools; cutlery; hardware; metal stampings; lighting fixtures; fabricated wire products; metal shipping containers; safes and vaults; steel springs; bolts, nuts, washers, and rivets; collapsible tubes; gold, silver, tin, aluminum, and other foil; ordnance and accessories; and all other metal products except machinery, transportation equipment and jewellery.
36	360	<u>MANUFACTURE OF MACHINERY OTHER THAN ELECTRIC</u>
		To include industries engaged in manufacturing machinery and prime movers other than electrical equipment. Important products of industries included in this Major Group are: engines and turbines; agricultural machinery; tractors; construction and mining machinery and equipment; machine tools

Major  
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and other metal working machinery; accessories for machine tools and other metal-working machinery; machinery designed for special industries such as food products, textile, paper industries, printing trades, cement-making, clay-working, glass-making, hat-making, incandescent lamp-making, leather-working, paint-making, rubber-working, tobacco-working, cigar and cigarette-making, and shoe-making industries; general industrial machinery and equipment (pumps, air and gas compressors, and pumping equipment; elevators and escalators; conveyors and conveying equipment; blowers and exhaust and ventilating fans; material-handling equipment; mechanical power-transmission equipment, industrial furnaces and ovens; mechanical stokers); office and store machines and devices; laundry equipment; dry-cleaning and pressing machines; sewing machines; refrigerators and refrigeration machinery; ice-making machinery and equipment; valves and fittings; ball-bearings and roller bearings; pipe fittings. To include also machine shops engaged in producing machine and equipment parts. Automobile, aircraft and marine engines manufactured by transportation equipment manufacturers are included with Transportation Equipment (38).

37

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MANUFACTURE OF ELECTRICAL MACHINERY, APPARATUS, APPLIANCES AND SUPPLIES

Industries engaged in manufacturing machinery apparatus and supplies for the generation, storage, transmission, transformation and utilization of electric energy. Important products: electrical generating, transmission and distribution apparatus; electrical appliances; insulated wire and cable; electrical equipment of motor vehicles, aircraft and railway locomotives and cars; electric lamps; communication

Major Group	Group	
37	370	equipment and related products including radios; electric batteries; X-ray and therapeutic apparatus; electronic tubes.
38		<u>MANUFACTURE OF TRANSPORTATION EQUIPMENT</u>
		To include establishments primarily engaged in manufacturing or repairing equipment for the transportation of passengers and cargo by land, air, and water.
381		<u>Ship Building and Repairing</u>
		Includes shipyards and boat yards engaged in building and repair work.
382		<u>Manufacture of Railroad Equipment</u>
		Establishments primarily engaged in building and re-building locomotives of any type or gauge, and railroad and trolley cars for freight and passenger service. This includes the manufacture of locomotives and cars by railway companies and repair work done in such locomotive shops.
383		<u>Manufacture of Motor Vehicles</u>
		Establishments primarily engaged in manufacturing or assembling complete motor vehicles such as passenger automobiles, commercial cars and buses, trucks and truck trailers, universal carriers, and special purpose motor vehicles (ambulances, taxi cabs, etc.). Includes also establishments primarily engaged in manufacturing motor vehicle parts and accessories such as brakes, clutches, axles, gears, transmissions, wheels, frames, etc. Does not include tires and tubes (Group 300), automobile glass (Group 332), batteries (Group 370).
384		<u>Repair of Motor Vehicles and Cycles</u>
		Establishments primarily engaged in the repair of automobiles, motor trucks, cycles, and any specialized repair

<u>Major Group</u>	<u>Group</u>	
38	384	work such as auto tops, electrical repairs, etc.
	385	<u>Manufacture of Bicycles</u>  Establishments primarily engaged in manufacturing bicycles, tricycles and bicycle parts such as saddles, seat posts, frames, gears, and handle bars.
	386	<u>Manufacture of Aircraft</u>  Establishments primarily engaged in manufacturing airplanes, gliders, and aircraft parts such as propellers, pontoons and under-carriages. Aircraft repair is included in this industry. The manufacture of aeronautical instruments is classified in Group 391.
	389	<u>Manufacture of Transportation Equipment Not Elsewhere Classified</u>  Establishments primarily engaged in manufacturing transportation equipment not elsewhere classified, such as animal-drawn vehicles, hand-carts, wheelbarrows, etc.
39		<u>MISCELLANEOUS MANUFACTURING INDUSTRIES</u>  To include industries not allocable to any other major group in the field of manufacturing.
	391	<u>Manufacture of Professional, Scientific and Controlling Instruments</u>  Establishments primarily engaged in manufacturing mechanical measuring, laboratory and scientific instruments; surgical, medical, and dental instruments, equipment and supplies.
	392	<u>Manufacture of Photographic and Optical Goods</u>  Establishments primarily engaged in manufacturing optical instruments and lenses, ophthalmic goods, photographic equipment and supplies.
	393	<u>Manufacture of Watches and Clocks</u>  Establishments primarily engaged in manufacturing watches and clocks.

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Watch and Clock Repair

Establishments primarily engaged in the repair of watches and clocks.

395

Manufacture of Jewellery

Establishments primarily engaged in manufacturing jewellery, silverware and plate-ware, using precious metals.

396

Manufacture of Musical Instruments

Establishments primarily engaged in manufacturing musical instruments such as pianos, string instruments, wind instruments, percussion instruments; phonograph records. Manufacture of phonographs is included with Radios, in Group 370.

399

Manufacturing Industries Not Elsewhere Classified

Establishments primarily engaged in manufacturing products not classified in any other class, such as toys, sporting and athletic goods; pens, pencils, and other office and artists' materials; costume jewellery and costume novelties; feathers, plumes, and artificial flowers; buttons; brooms and brushes; lamp shades; morticians' goods; hair working; tobacco pipes and cigarette holders; models and patterns; identification plates, badges, emblems, and tags; beauty shop and barber shop equipment; signs and advertising displays.

Division 4. - CONSTRUCTION

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CONSTRUCTION

Establishments engaged in construction or repair of buildings; highways and streets, including grade separations, alleys, sidewalks, driveways, small bridges and culverts done on the same contract; heavy construction of such projects as sewers and water mains, railway roadbeds, railroads, piers,

<u>Major Group</u>	<u>Group</u>	
40	400	tunnels, subways, elevated highways, bridges, viaducts, dams, drainage projects, sanitation projects, aqueducts, irrigation and flood-control projects, gas mains, hydroelectric plants, pipe lines, water-power projects, and all other types of heavy construction; marine construction such as dredging, under-water rock removal, pile driving, land reclamation, harbour and waterways and construction; oil-well, gas-well and water well drilling; airports, athletic fields; radio towers; golf courses; parking areas; swimming pools; tennis courts; telephone lines; and all other construction, whether undertaken by private bodies or governmental authorities. To include also special-trade contractors such as carpenters, plumbers, plasterers, electricians, etc., in the field of construction.

Division 5. - PRODUCTION AND SUPPLY OF ELECTRICITY,  
GAS AND HEAT; WATER SUPPLY

51	510	<u>ELECTRIC LIGHT AND POWER</u> Generation, transmission, and distribution of electric energy for heating, power and lighting purposes.
52	520	<u>GAS MANUFACTURE AND DISTRIBUTION</u> Establishments engaged in distributing natural gas and manufacturing gas and distributing it through mains to domestic and commercial consumers.
53	530	<u>WATER SUPPLY</u> Establishments distributing water.
54	540	<u>STEAM HEAT AND POWER</u> To include companies primarily engaged in producing and distributing steam for heating and power purposes.

Division 6. - COMMERCE

61	<u>WHOLESALE AND RETAIL TRADE</u>
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Auxiliary units such as power plants, garages, repair shops, warehouses operated by distribution establishments in connection with wholesaling or retailing operations are classified according to the primary activity of the distribution establishment.

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Wholesale Trade

Includes establishments primarily engaged in performing such functions as wholesale merchants, industrial distributors, exporters and importers; sales branches and sales offices maintained by manufacturing enterprises; agents, commodity brokers and commercial merchants; petroleum bulk tank stations; assemblers, buyers, and co-operative marketing associations for the selling of farm products at wholesale.

612

Retail Trade

Includes merchants primarily concerned with retail dealing, that is, selling merchandise for personal or household consumption.

62

620

BANKS AND OTHER FINANCIAL INSTITUTIONS

Institutions performing banking or closely related functions such as currency exchanges, safe-deposit companies, clearing house associations, corporations for banking abroad, and agencies of foreign banks; credit agencies other than banks such as rediscount and financing institutions, mortgage companies, industrial loan institutions, agricultural credit agencies, sales finance and industrial credit companies, and personal credit companies; investment companies; holding companies; security brokers and dealers, commodity brokers and dealers in commodity futures; exchanges and exchange clearing houses; and other financial establishments such as those engaged in patent buying and licensing, and those

<u>Major Group</u>	<u>Group</u>	
62	620	organized for the protection of security holders.
63		<u>INSURANCE</u>
	631	<u>Insurance Companies (insurance carriers)</u>  Insurance carriers of all kinds: life, fire, marine, accident, health, title, financial obligation, casualty, fidelity, and surety.
	632	<u>Insurance Agents and Brokers</u>  Insurance agents and brokers; organization servicing insurance carriers; establishments acting as consultants for policy holders; adjusting agencies, etc.
64	640	<u>REAL ESTATE</u>  To include all types of real estate operations, that is, operators, developers, and agents.
		<u>Division 7. - TRANSPORT, STORAGE AND COMMUNICATION</u>
		Enterprises primarily engaged in passenger and freight transport by railway, highway, water, or air; establishments furnishing services related to transport; warehouses which sell their services to persons other than the owners of the warehouse; enterprises furnishing telephone, telegraph, radio or other communication services. Radio broadcasting studios are classified in 832, Theatres and Theatrical Services.
71		<u>TRANSPORT</u>
		Railroad transport; urban and suburban transport systems; road transport; water transport; air transport; other transport; and services incidental to transportation.
	711	<u>Railroad Transport</u>  Companies furnishing transportation by railroad, and services allied to railroad transport, such as sleeping-car service, dining-car service and railway express.



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71      712      Tramway and Omnibus Operators

Urban and suburban bus lines, street railways (tramways, elevated, underground).

713      Inter-Urban Bus Lines

Establishments primarily engaged in providing long distance transportation of passengers by bus.

714      Road Transport Not Elsewhere Classified

Establishments primarily engaged in the operation of fixed facilities for road transport such as toll roads, highway bridges and terminals; road transport other than bus lines; establishments providing taxicabs and other cabs, automobiles and carriages for hire, and delivery stables; establishments engaged in freight transport by road.

715      Water Transport

Companies engaged in freight and passenger transport by water. To include also companies furnishing services incidental to water transport, such as operating and maintaining piers, docks, and associated buildings and facilities, stevedoring, maintenance and operation of canals, salvaging distressed vessels, and salvaging the cargoes of distressed vessels.

716      Air Transport

Companies primarily engaged in furnishing transport by air and also those operating airports and flying fields. Companies primarily engaged in operating airplanes for hire also to be included. Air navigational facilities such as radio beacons, flying control centres and radar stations to be included.

717      Services Incidental to Transport

<u>Major Group</u>	<u>Group</u>	
71	717	Companies furnishing services incidental to transportation such as forwarding; packing and crating; arrangement of transportation; rental of railroad cars; inspection, sampling and weighing connected with transport. Operation of stockyards providing pens, feed, and selling areas for livestock temporarily held either pending sale or in transit to or from the market are also to be included.
	719	<u>Transport Not Elsewhere Classified</u> Companies engaged in pipeline transportation of petroleum and gasoline for a fee. To include also all transport establishments not elsewhere classified.
72	720	<u>STORAGE AND WAREHOUSING</u> To include establishments engaged in storage of farm products, furniture, household goods, or commercial goods of any nature, when such storage is offered as an independent service.
73	730	<u>COMMUNICATION</u> Establishments furnishing communication services to the public whether by wire or radio and whether intended to be received audibly or visually. Also to include postal service. Companies rendering services for the exchange or recording of messages are also to be included.
		<u>Division 8. - SERVICES</u>
81	810	<u>GOVERNMENT SERVICE</u> Establishments maintained by central or local governments to carry on their primary activities. This would include such organizations as the armed forces, police and regular governmental departments. This group is not to include governmental activities in the field of transport, communication, education, health, production, marketing, and

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81 810 the operation of financial institutions, all of which along with others of like kind to be classified in the appropriate industry class.

82 COMMUNITY AND BUSINESS SERVICE

Public or private establishments furnishing services to the community and to business enterprises.

821 Educational Services

Establishments furnishing formal academic or technical courses; and non-profit educational and scientific research agencies. To include also establishments furnishing related educational services such as special non-degree-granting schools, correspondence schools, music and dancing schools. Dancing schools are not to be confused with dance halls, ball rooms, and dance studios primarily furnishing entertainment.

822 Medical and Other Health Service

Establishments primarily engaged in furnishing medical, surgical and other health services.

823 Religious Organizations

Religious organizations and their establishments maintained for worship or for promotion of religious activities. Other establishments operated by religious organizations such as hospitals, educational or charitable institutions, and reading rooms are to be classified in the appropriate industry class.

824 Welfare Institutions

Organizations operating on a non-profit membership basis for the promotion of the welfare of communities such as Red Cross, YMCA, YWCA, Salvation Army, Community Chests,

<u>Major Group</u>	<u>Group</u>	
82	824	Travellers Aid Societies, children's aid societies, day nurseries, charitable organizations, and similar institutions.
	825	<u>Legal Service</u> Offices of barristers, advocates and solicitors furnishing legal service to individuals or organizations.
	826	<u>Business Services</u> Establishments primarily engaged in selling services to business enterprises: consulting engineers, architects, accountants, auditors and bookkeepers; advertising, credit reporting, adjustment and collection of bills, duplicating, blueprinting, photostating, addressing, mailing, stenographic services, compiling and selling classified mailing lists, and all other kinds of business services.
	827	<u>Trade Associations and Labour Organizations</u> Trade associations, chambers of commerce, boards of trade, labour organizations.
	829	<u>Community Service not Elsewhere Classified</u> Libraries, museums, botanical and zoological gardens; political organizations; civic, social, and fraternal associations and social clubs. Establishments providing garbage and sewage disposal and other sanitary services.
83		<u>RECREATION SERVICE</u> Industries engaged in motion picture production, distribution, and projection, and industries furnishing other recreation services.
	831	<u>Motion Picture Production, Distribution, and Projection</u> Establishments primarily engaged in the production of motion pictures, in motion picture distribution, and in the operation of motion picture theatres. To include also those

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831

engaged in performing services allied with motion picture production and distribution such as motion picture film processing, editing, renting and repairing motion picture equipment as well as establishments operating casting bureaus.

832

Theatres and Theatrical Services

This industry includes commercially operated theatres, opera companies, concert organizations and stock companies. Also includes services such as theatrical employment agencies, booking agencies, etc. Also included are radio-broadcasting studios.

833

Recreation Services Other than Theatres and Motion Pictures

Dance halls and studios; bowling alleys; billiards and pool parlours; baseball and football clubs; cricket clubs and hockey clubs; athletic fields and sports promoters, golf clubs; bathing beaches; swimming pools; ice-skating and roller-skating rinks; riding academies; gymnasiums and tennis courts; dance bands, orchestras, and entertainers operating on a contract or fee basis; race-tracks; amusement parks; exhibition, carnivals, and coin-operated amusement-device parlours; shooting galleries; circuses; and other establishments furnishing amusement or entertainment on payment of a fee or admission charge.

84

PERSONAL SERVICE

Establishments primarily engaged in providing services generally involving the care of the person or his apparel.

841

Domestic Service

Private households which employ workers on or about the premises in the occupations usually considered as domestic

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service. These occupations include such categories as cooks, maids, butlers, and outdoor workers such as gardeners, care-takers and other maintenance workers.

842

Restaurants, Cafés, Taverns, and Other Drinking and Eating Places

843

Hotels, Rooming Houses, Camps and Other Lodging Places

Commercial establishments and institutions engaged in furnishing lodging and meals and camping space and camping facilities, on a fee basis. Lodging houses and hotels operated by membership organizations for the benefit of their constituents and not open to the general public to be included.

844

Laundries and Laundry Service; Cleaning and Dyeing

Establishments primarily engaged in operating mechanical and hand laundries. To include also establishments primarily engaged in supplying laundered linens (uniforms, aprons, table covers, towels, diapers), on a contract basis; and establishments primarily engaged in dry-cleaning and dyeing apparel and household furnishings.

845

Barber and Beauty Shops

Barber shops, barber colleges, beauty shops, beauty parlour schools, and combinations of barber and beauty shops.

846

Portrait and Commercial Photographic Studios

Establishments primarily engaged in portrait photography, in film developing and print processing of films except standard motion picture films, and in photography for advertising agencies, publishers and other industrial users.

849

Personal Service Not Elsewhere Classified

Establishments primarily engaged in providing services such as undertaking, shoe shining, chimney cleaning; window

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84 849 cleaning; exterminating, disinfecting and fumigating; costume  
renting, and all other kinds of personal service.

Division 9. - ACTIVITIES NOT ADEQUATELY DESCRIBED

90 900 Activities not adequately described.

/PART IV

PART IV

RELATIONSHIP OF THE LEAGUE OF NATIONS CLASSIFICATION AND THE  
PROPOSED INTERNATIONAL STANDARD INDUSTRIAL CLASSIFICATION

Table 1. Comparability of the Outlines of the Classifications

<u>League of Nations Sections</u>	<u>The Proposed Divisions</u>
A. Agriculture, Forestry and Fishing	0. Agriculture, Forestry, Hunting, and Fishing
B. Mining and Quarrying	1. Mining and Quarrying
C. Manufacturing Industries	2 - 3. Manufacturing 5. Production and Supply of Electricity, Gas, and Heat; Water Supply
D. Building and other Construction	4. Construction
E. Transport and Communications	7. Transport, Storage, and Communication (Part of)
F. Commerce	6. Commerce 7. Transport, Storage and Communication (Part of) 8. Services (Part of)
G. Hotel and Personal Services	8. Services (Part of)
H. Public Services and other Services of General Interest, N.E.S.	
J. Activities not Adequately Described	9. Activities not Adequately Described

/Table 2.



Table 2. Comparability on the Summary Level

<u>League of Nations Chapters</u>	<u>The Proposed Major Groups</u>
I. Agriculture and Stock Breeding	01. Agriculture
II. Forestry, Hunting, and Trapping	02. Forestry and Logging 03. Hunting, Trapping, and Game Propagation
III. Fishing	04. Fishing
IV. Mining and Quarrying of Coal, Ores, and other Minerals, N.E.S.	11. Coal Mining 12. Metal Mining 13. Crude Petroleum and Natural Gas 19. Non-metallic Mining and Quarrying, not elsewhere classified
V. Quarrying of Stone and other Materials, used principally for Construction	14. Stone Quarrying, Clay and Sand Pits
VI. Manufacture of Food	20. Food Manufacturing Industries (Not including Beverage Industries)
VII. Beverage Industries, Distilleries	21. Beverage Industries
VIII. Tobacco Industries	22. Tobacco Manufactures
IX. Manufacture of Animal and Vegetable Oils and Fats, including Margarine	31. Manufacture of Chemicals and Chemical Products 20. Part of Food Manufacturing Industries
X. Chemical Industries, N.E.S.	
XI. Manufacture of Rubber	30. Manufacture of Rubber Products
XII. Manufacture of Wood and Cork	25. Manufacture of Wood and Cork, except Manufacture of Furniture 26. Manufacture of Furniture and Fixtures
	/XIII. Pulp and

League of Nations Chapters

The Proposed Major Groups

XIII.	Pulp and Paper Mills; Manufacture of Paper Articles	27.	Manufacture of Paper and Paper Products
XIV.	Printing and Bookbinding; Photography	28.	Printing, Publishing, and Allied Industries
		84.	Part of. Personal Service (Group 846, Portrait and Commercial Photographic Studios)
XV.	Skin, Hide and Leather Industries	29.	Manufacture of Leather and Leather Products, except Footwear
XVI.	Textile Industries	23.	Manufacture of Textiles
XVII.	Manufacture of Wearing Apparel and of made-up Textile goods, N.E.S.	24.	Manufacture of Wearing Apparel and other made-up Textile goods
XVIII.	Production and Supply of Electricity, Gas, and Heat; Water Supply	51.	Electric Light and Power
		52.	Gas Manufacture and Distribution
		53.	Water Supply
		54.	Steam Heat and Power
XIX.	Manufacture of Mineral Fuels	32.	Manufacture of Products of Petroleum and Coal
XX.	Manufacture of Non-metallic Minerals, N.E.S.	33.	Manufacture of Non-metallic Mineral Products, except Products of Petroleum and Coal
XXI.	Smelting, Casting, Rolling, Forging and Drawing of Base Metals	34.	Primary Metal Industries
XXII.	Manufacture of Articles of Base Metals, N.E.S.	35.	Secondary Metal Industries
XXIII.	Manufacture of Machinery, including all Electrical Appliances and means of Transport by Land, Water, and Air	36.	Manufacture of Machinery other than Electric
		37.	Manufacture of Electrical Machinery, Apparatus, Appliances, and Supplies
		38.	Manufacture of Transportation Equipment

/XXIV. Manufacture

League of Nations Chapters

The Proposed Major Groups

XXIV.	Manufacture of Instruments, Clocks and Watches, and Jewellery	39.	Miscellaneous Manufacturing Industries
XXV.	Other Manufacturing Industries, N.E.S.		
XXVI.	Manufacturing Industries not Adequately Described		
XXVII.	Building and other Constructional Work, including Repair and Maintenance of Structure, N.E.S.	40.	Construction
XXVIII.	Rail Transport	71.	Transport
XXIX.	Road Transport		
XXX.	Water Transport		
XXXI.	Air Transport		
XXXII.	Post, Telegraph and Telephones	73.	Communication (Post, Telephone, Telegraph)
XXXIII.	Wholesale and Retail Trade	61.	Wholesale and Retail
XXXIV.	Finance, Banks, Insurance	62.	Banks and other Financial Institutions
		63.	Insurance
XXXV.	Agencies for other Purposes, N.E.S.	64.	Part of: Real Estate
		71.	Part of: Transport
		82.	Part of: Community and Business Service
XXXVI.	Provision of Lodging, Food and Drink	84.	Part of: Personal Service (842, Restaurants, Cafes, Taverns, and other Drinking and Eating Places; 843, Hotels, Rooming Houses, Camps, and other Lodging Places)
XXXVII.	Undertakings for Cleaning and Maintenance of Goods and Premises, Care of the person	64.	Part of: Real Estate
		84.	Part of: Personal Service (844, Laundries and Laundry Service, Cleaning and Dyeing; 845, Barber and Beauty Shops; Part of 849, Personal Service, N.E.C.)

/XXXVIII. Household and

League of Nations Chapters	The Proposed Major Groups
XXXVIII. Household and Personal Services	84. Part of: Personal Service (841, Domestic Service)
XXXIX. Recreation and Amusement; Sport	83. Recreation Service
XL. Medical and Hygienic Services	82. Part of: Community and Business Service (822, Medical and other Health Service)
XLI. Education, Religion, Arts and Sciences, N.E.S.	82. Part of: Community and Business Service (821, Educational Service; 823, Religious Organizations; Part of 829, Community Service, N.E.C.)
XLII. National Defense	81. Part of: Government Service
XLIII. Labour Camps and Similar Organizations	
XLIV. Public Services, N.E.S., and other Services of General interest	81. Part of: Government Service (824, Welfare Institutions; 825, Legal Service; 826, Trade Associations and Labour Organizations; 829, Community Service, N.E.C.) 82. Part of: Community and Business Service
XLV. Activities not Adequately Described	90. Activities not Adequately Described

Table 3. Comparability on the Detailed Level

<u>League of Nations Items</u>	<u>The Proposed Groups</u>
1. Agriculture and Stock-breeding	010 Agriculture
2. Forestry, Hunting and Trapping	021 Forestry 022 Logging 030 Hunting, Trapping, and Game Propagation
3. Fishing	040 Fishing
4. Coal and lignite	110 Coal Mining
5. Iron ores	121 Iron Ore Mining
6. Other metal ores, including bauxite and precious-metal bearing minerals	122 Metal Mining except Iron Ore Mining
7. Oil and natural gas, oil shale	130 Crude Petroleum and Natural Gas
8. Mining and quarrying of non- metallic minerals, N.E.S.	190 Non-metallic Mining and Quarrying, N.E.C.
9. Quarrying of Stone and other Materials used principally for Construction	140 Stone Quarrying, Clay and Sand Pits
10. Slaughtering, preparation and preserving of meat	201 Slaughtering, preparation and preserving of meat
11. Preparation and preserving of Fish, crustaceans and molluscs	204 Canning and preserving of Fish and other Sea Foods
12. Preserving of fruits, vegetables, and other foods, N.E.S.	203 Canning and preserving of Fruits and Vegetables
13. Manufacture of butter, cheese and condensed milk	202 Manufacture of Dairy Products
14. Grain and rice milling	205 Manufacture of Grain-Mill Products

/15. Bread,

<u>League of Nations Items</u>		<u>The Proposed Groups</u>
15. Bread, biscuit and pastry-making	206	Manufacture of Bakery-Products
16. Sugar factories and refineries	207	Sugar Factories and Refineries
17. Manufacture of cocoa, chocolate and sugar confectionery	208	Manufacture of cocoa, chocolate and Sugar Confectionery
18. Other food industries, N.E.S.	209	Manufacture of Miscellaneous Food Products
19. Distilling of alcohol for all uses	211	Distilling, Rectifying, and Blending of Spirits
20. Other beverage industries	212 213 214	Wine Industries Breweries and Manufacturing of Malt Soft Drinks and Carbonated Water Industries
21. Tobacco Industries	220	Tobacco Manufactures
22. Manufacture of Animal and Vegetable Oils and Fats, including Margarine	310	Manufacture of Chemicals and Chemical Products
23. Chemical Industries, N.E.S.	209	Part of. Manufacture of Miscellaneous Food Products
24. Manufacture of Rubber	300	Manufacture of Rubber Products
25. Saw-milling	250	Manufactures of Wood and
26. Builders' woodwork, parquet flooring, furniture and cabinet making		Cork except Manufacture of Furniture
27. Other manufactures of wood, cork and basket ware, N.E.S.	260	Manufacture of Furniture and Fixtures
28. Pulp and paper mills	271	Pulp, Paper, and Paperboard Mills
29. Manufacture of stationery and articles of paper and cardboard	272	Manufacture of Articles of Pulp, Paper, and Paperboard

/30. Printing

<u>League of Nations Items</u>		<u>The Proposed Groups</u>	
30.	Printing and bookbinding and related industries	280	Printing, Publishing and Allied Industries
31.	Photography	846	Portrait and Commercial Photographic Studios
32.	Dressing and tanning of skins, hides and leather, preparation of hair and bristles	291	Tanneries and Leather Finishing Plants
33.	Fur dressing and manufacture of fur articles	241	Part of: Manufacture of Wearing Apparel except Footwear
34.	Manufacture of leather articles except footwear and other wearing apparel	292	Manufacture of Leather Products except Footwear and other Wearing Apparel
35.	Manufacture of artificial textile fibres	310	Part of: Manufacture of Chemicals and Chemical Products
36.	Cordage and twine factories	233	Cordage, Rope, and Twine Factories
37.	Manufacture of textile yarns and fabrics, N.E.S.	231 239	Primary Textile Mills other than Knitting Mills Textile Mills, N.E.C.
38.	Knitted fabrics and knitted articles of all kinds	232	Knitting Mills
39.	Manufacture and repair of wearing apparel other than footwear	241	Part of: Manufacture of Wearing Apparel except Footwear
40.	Manufacture and repair of footwear of all materials, except rubber	242 243	Manufacture of Footwear except Rubber Footwear Repair of Footwear
41.	Manufacture of made-up textile articles other than clothing	244	Manufacture of made-up Textile Goods except Clothing

/42. Production

<u>League of Nations Items</u>	<u>The Proposed Groups</u>
42. Production and Supply of Electricity, Gas and Heat; Water Supply	510 Electric Light and Power Production and Distribution 520 Gas Manufacture and Distribution 530 Water Supply 540 Steam Heat and Power
43. Coke works and briquette factories	322 Coke Ovens 329 Manufacture of Miscellaneous Products of Petroleum and Coal
44. Petroleum refineries, oil shale distilleries	321 Petroleum Refineries
45. Brick and tile works, manufacture of other goods of baked clay and stoneware (except pottery)	331 Manufacture of Structural Clay Products (Brick, Tile, Sewer Pipe, Clay Refractories)
46. Manufacture of fine pottery, china and earthenware	333 Manufacture of Pottery, China, and Earthenware
47. Manufacture of glass	332 Manufacture of Glass and Glass Products
48. Manufacture of other non-metallic minerals	334 Manufacture of Cement (Hydraulic) 339 Manufacture of Non-metallic Mineral Products, N.E.C.
49. Iron and steel (Smelting, casting, rolling, forging and drawing)	341 Iron-and-Steel Primary Industries (Blast Furnaces, Steel Works, Rolling Mills, Iron and Steel Foundries)
50. Non-ferrous base metals (Smelting, casting, rolling, forging and drawing)	342 Non-ferrous Metals Primary Industries (Smelting, Refining, Rolling, Drawing, Alloying of Non-ferrous Metals, and Non-ferrous Foundries)
51. Manufacture of Articles of Base Metals, N.E.S.	350 Secondary Metal Industries

/52. Manufacture



<u>League of Nations Items</u>		<u>The Proposed Groups</u>
52. Manufacture and repair of machines, apparatus and appliances, other than electrical, N.E.S. (including fire-arms)	360	Manufacture of Machinery other than Electric
53. Manufacture and repair of electrical machinery, apparatus and appliances, N.E.S.	370	Manufacture of Electrical Machinery, Apparatus, Appliances, and Supplies
54. Manufacture and repair of ships and boats	381	Ship Building and Repairing
55. Manufacture and repair of locomotive, wagons and equipment (other than electrical) for railways and tramways	382	Manufacture of Railroad Equipment
56. Manufacture and assembling of motor vehicles, motor-cycles, and pedal-cycles	383 385	Manufacture of Motor Vehicles Manufacture of Bicycles
57. Repair of motor vehicles, motor-cycles and pedal-cycles	384	Repair of Motor Vehicles and Motor-cycles
58. Manufacture and repair of aircraft	386	Manufacture of Aircraft
59. Manufacture and repair of other vehicles, wheelwrights' work, coachbuilding	389	Manufacture of Transportation Equipment, N.E.C.
60. Manufacture of scientific, medical and optical instruments (other than electric instruments)	391 392	Manufacture of Professional, Scientific, and Controlling Instruments Manufacture of Photographic and Optical Goods
61. Manufacture of clocks and watches	393 394	Manufacture of Watches and Clocks Repair of Watches and Clocks
62. Manufacture of jewellery and related articles	395	Manufacture of Jewellery

/63. Manufacture of

<u>League of Nations Items</u>		<u>The Proposed Groups</u>
63. Manufacture of musical instruments, including phonographs and records		396. Manufacture of Musical Instruments
64. Other Manufacturing Industries, N.E.S.	399	Manufacturing Industries, N.E.C.
65. Manufacturing industries not adequately described		
66. Building and other Constructional Work, including Repair and Maintenance of Structures, N.E.S.	400	Construction
67. Rail Transport	711 712	Railroad Transport Part of: Tramway and Omnibus Operators
68. Road Transport	712 713 714	Part of: Tramways and Omnibus Operators Inter-Urban Bus Lines Road Transport, N.E.C.
69. Water Transport	715	Water Transport
70. Air Transport	716	Air Transport
71. Post, Telegraph and Telephones	730	Communication (Post, Telephone, Telegraph)
72. Wholesale and Retail Trade	510 520 720	Wholesale Trade Retail Trade Storage and Warehousing
73. Banking and financial business, N.E.S.	620	Banks and other Financial Institutions
74. Insurance	631 632	Insurance Companies (Insurance Carriers) Insurance Agents and Brokers
		75. Agencies for

<u>League of Nations Items</u>	<u>The Proposed Groups</u>	
75. Agencies for other Purposes, N.E.S.	640	Part of: Real Estate
	719	Transportation; N.E.C
	826	Business Service
76. Provision of Lodging, Food and Drink	842	Restaurants, Cafes, Taverns, and other Drinking and Eating Places
	843	Hotels, Rooming Houses, Camps, and other Lodging Places
77. Managing and upkeep of buildings, for occupation by several tenants	640	Part of: Real Estate
78. Undertakings for cleaning and maintenance	844	Laundries and Laundry Service; Cleaning and Dyeing
	849	Part of: Personal Service not Elsewhere Classified
79. Care of the person	845	Barber and Beauty Shops
	849	Part of: Personal Service not Elsewhere Classified
80. Household and Personal Services	841	Domestic Service
81. Musical, theatrical and cognate performances	831	Motion Picture Production, Distribution, and Projection
82. Production of motion picture	832	Theatres and Theatrical Services
83. Sport	833	Recreation Service other than Theatre and Motion Picture
84. Medicine and care of the sick and infirm	822	Medical and other Health Service
86. Other health services		
85. Funeral undertaking, cemeteries, crematoria	849	Part of: Personal Service, N.E.C.
87. Education and instruction	821	Educational Services

/88. Arts, sciences

<u>League of Nations Items</u>	<u>The Proposed Groups</u>
88. Arts, sciences and public information services, N.E.S.	829 Part of: Community Service, N.E.C.
89. Religion	823 Religious Organizations
90. National Defence 92. Public services, N.E.S.	810 Government Service
91. Labour Camps and similar Organizations	
93. Other services and organizations of general interest	824 Welfare Institutions 825 Legal Service 827 Trade Associations and Labour Organizations 829 Part of: Community Service, N.E.C.
94. Activities not adequately described	900 Activities not Adequately Described