



# MALAYSIA STANDARD

INDUSTRIAL  
CLASSIFICATION

2008 Ver. 1.0



## MALAYSIA STANDARD INDUSTRIAL CLASSIFICATION

Transportation

Manufacturing

Administration

Construction Whole SALE & Retail TRADE

Information & Communication

Financial & Insurance

Accommodation & Food Services

Professional Education

Forestry Agriculture

Art & Entertainment

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## PREFACE

The Malaysia Standard Industrial Classification 2008 (MSIC 2008) Version 1.0 is prepared by the Department of Statistics, Malaysia for use in the collection, compilation and publication of statistics. These statistics range from the classifications of economic activities arising from censuses and surveys to data compiled from administrative records. The MSIC is intended to be a standard classification of productive economic activities. Its main purpose is to provide a set of activity categories that can be utilized for the collection and presentation of statistics according to such activities. Therefore MSIC aims to present this set of activity categories in such a way that entities can be classified according to the economic activity they carry out.

New economic activities, technological advances and the new business environment have led to considerable changes in the structure of the Malaysian economy. Thus it is only appropriate for the classification to be updated incorporating changes in the economic activities and the structure of these activities as well as the emergence of new industries in Malaysia. This publication is an update of the Malaysia Standard Industrial Classification 2000 (MSIC 2000) which had been used as the main reference classification of all economic and household censuses and surveys carried out by the Department of Statistics, Malaysia.

For purposes of international comparability, the MSIC 2008 Version 1.0 conforms closely to the International Standard Industrial Classification of All Economic Activities (ISIC) Revision 4, published by the United Nations Statistics Division, with some modifications to suit national requirements. Consultations with relevant ministries and government agencies in the development of this classification have been reflected where appropriate. It is hoped that this publication will be adopted for use for both the public and private sectors to ensure consistency and comparability of data. Comments and suggestions towards future improvement of this classification are most welcome.

The MSIC 2008 Version 1.0 was prepared by a technical working group comprising staff of the various Divisions in the Department as well as inputs from government agencies. I gratefully acknowledged their assistance, to all who have successfully prepared this publication.

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**MALAYSIA STANDARD INDUSTRIAL CLASSIFICATION 2008 VER. 1.0**

<b>INTRODUCTION</b>	<p>Malaysia Standard Industrial Classification 2008 (MSIC) Ver. 1.0 is a classification of all economic activities in Malaysia which adopts the International Standard Industrial Classification (ISIC) Revision 4 released in December 2006, with the necessary modifications to meet national requirements. It replaces the MSIC 2000 which was based on ISIC Revision 3.</p> <p>The main purpose of the MSIC is to provide a set of activity categories that can be used for the collection and presentation of statistics according to such activities. Industries are then formed by grouping units with a common primary activity, according to specified similarity criteria. MSIC can then be used to produce statistics by activity or by industry, for enterprises as well as for establishments or kind of activity units.</p>
<b>HISTORICAL DEVELOPMENTS</b>	<p>The first Malaysia Industrial Classification (MIC) was published in 1957. It was subsequently revised in 1967 to bring it inline with the International Standard Industrial Classification of all Economic Activities (ISIC) of 1958 (Statistical Papers, Series M, No.4, Rev.1) and then again in 1972 to incorporate the changes reflected in the ISIC of 1968 (Statistical Papers Series M, No. 4, Rev.2). The MSIC 2000 was the third revision in this series and was based on the ISIC introduced in 1990 (Statistical Papers Series M No. 4 Rev.3).</p>
<b>NATURE AND PRINCIPLES OF CLASSIFICATION</b>	<p>The objective of an industrial classification system is to classify data in respect of the economy according to categories of activities and the characteristics of which will be similar. MSIC is a classification of kinds of economic activity and not a classification of goods and services or a classification of occupations.</p>
<b>CLASSIFICATION BY PRINCIPAL ACTIVITY</b>	<p>The principal activity of a unit should be determined by reference to the value added by the goods sold or services rendered. In</p>

**CLASSIFICATION BY  
PRINCIPAL ACTIVITY**

practice it is often not possible to obtain the information on value added for individual products. It is therefore recommended that in such cases, the principal activity be determined by other criteria as an approximation, such as:

- The proportion of the gross output of the unit that is attributable to the goods or services associated with these kinds of activity;
- Value of sales of those groups of products;
- Employment if that can be allocated approximately by kinds of activity.

The treatment of vertical integration in MSIC where a unit with a vertically integrated chain of activities should generally be classified to the class indicated by the nature of the final product. Meanwhile, the classification of all other cases of multi-activity units are made according to the value added criteria.

The one or predominantly one, kind of economic activity clause in the definition raises the problem of multi-activity units. For example, there are some cases where the single legal entity may engage in more than one kind of activity at a single location or at two or more nearby sites. The record keeping practices of the entity may be such that data in respect of the inputs and outputs of the items of the activity cannot be separately compiled. In these instances, it will be necessary to utilize the local unit, i.e. the entity that carries out more than one economic activity in one location as the statistical unit. Thus, the local unit embraces a range of related activities, one of which predominate the rest. The activity that predominates is known as the primary activity and the rest as secondary activities. However if each of the various kinds of activity of a given local unit is substantial, then efforts are usually made to subdivide the local unit into statistical units that are

**CLASSIFICATION BY  
PRINCIPAL ACTIVITY**

comparable to the establishments.

The design of the MSIC 2008 Ver. 1.0 is also based on establishments. Establishments are classified according to their major kind of economic activity based mainly on the principal class of goods produced or services rendered. They include among others, individual organisations, factories, estates, shops, etc. The industrial classification does not draw distinctions according to kind of ownership, type of economic organisation or mode of operation.

In the case of certain kinds of economic activities such as construction, transportation and communication, a single legal entity will carry out the same kind of activity over a wide geographical area and will probably not keep records on the inputs and outputs classified according to areas. In these fields of activity, it may be necessary to use the kind-of-activity unit (which has no restriction with respect to the geographical area in which a given kind of activity is carried out by a single legal entity) instead of the establishment as the statistical unit.

It must be borne in mind that data collected from establishments are seldom "pure" in relation to the classification system. The various categories of the industrial classification are defined (and generally named) in terms of the **principal** products or activities of the establishments assigned to each. Any establishment in any industry may, however, produce as a minor activity, commodities assigned to another industry. As a result, the activities of any "industry" are not necessarily always confined to the types of activity by which the industry is named, nor are these types of activity necessarily only found in that industry.

**STRUCTURE OF THE  
CLASSIFICATION**

The structure MSIC 2008 Ver. 1.0 provides is hierarchical levels of activities. At the highest aggregation level, there are 21 tabulation categories called "section", each denoted by a single alphabetical

**STRUCTURE OF THE  
CLASSIFICATION**

letter.

Following is a possible high-level structure for MSIC 2008 Ver. 1.0 and for each section comprises one or more divisions:

Sections	Description	Divisions
A	Agriculture, forestry and fishing	01-03
B	Mining and quarrying	05-09
C	Manufacturing	10-33
D	Electricity, gas, steam and air conditioning supply	35
E	Water supply; sewerage, waste management and remediation activities	36-39
F	Construction	41-43
G	Wholesale and retail trade; repair of motor vehicles and motorcycles	45-47
H	Transportation and storage	49-53
I	Accommodation and Food service activities	55-56
J	Information and communication	58-63
K	Financial and insurance/takaful activities	64-66
L	Real estate activities	68
M	Professional, scientific and technical activities	69-75
N	Administrative and support service activities	77-82
O	Public administration and defence; compulsory social security	84
P	Education	85
Q	Human health and social work activities	86-88
R	Arts, entertainment and recreation	90-93
S	Other service activities	94-96
T	Activities of households as employers; undifferentiated goods- and services-producing activities of households for own use	97-98
U	Activities of extraterritorial organizations and bodies	99

**STRUCTURE OF THE CLASSIFICATION**

The 88 two-digit divisions constitute the highest numerical category in the MSIC 2008 Ver. 1.0. They are broken down into more detailed categories comprising 238 three-digit groups and 423 four-digit classes. There are altogether 1,197 five-digit items at the most detailed level.

As an example, the formation of the five-digit code for items in the Section A - 'Agriculture, forestry and fishing' is illustrated below:

Level	Title and Description	Codes
Section	Agriculture, Forestry And Fishing	A
Division	Crop and animal production, hunting and related service activities	01
Group	Growing of non-perennial crops	011
Class	Growing of cereals (except paddy), leguminous crops and oil seeds	0111
Item	Growing of maize	01111
	Growing of leguminous crops	01112
	Growing of oil seeds	01113
	Growing of other cereals n.e.c.	01119

The summary of detailed levels are being specified as following table:

Sections	Divisions	Groups	Classes	Items
A	3	13	38	142
B	5	10	14	56
C	24	71	137	259
D	1	3	3	8
E	4	6	8	18
F	3	8	11	72
G	3	20	47	179
H	5	11	20	47
I	2	6	7	25

**STRUCTURE OF THE CLASSIFICATION**

Sections	Divisions	Groups	Classes	Items
J	6	13	23	35
K	3	10	18	64
M	7	14	14	36
N	6	19	26	58
O	1	3	7	28
P	1	5	8	21
Q	3	9	9	26
R	4	5	10	38
S	3	6	17	49
T	2	3	3	3
U	1	1	1	1
<b>21</b>	<b>88</b>	<b>238</b>	<b>423</b>	<b>1,174</b>

The digit '9' that appears in the third, fourth or fifth digit position of the classification code designate respectively three-digit groups, four-digit classes or five-digit items covering activities 'not elsewhere classified' (or 'n.e.c.'). These residual activities do not usually constitute homogeneous primary activity groups but rather diverse activities which are not sufficiently significant to justify separate codes. Under the classification system, they are grouped together and treated as a separate industry to retain the homogeneity of the other industries in the group.

**CLASSIFICATION OF STATISTICAL UNITS**

The term, 'statistical unit'<sup>1</sup>, is used widely in statistical work and refers to legal entities from which or about which statistics are collected, compiled, tabulated and published. They include, among others, individual organisations, factories, estates, shops and financial institutions. Five types of statistical units may be used for data collection and compilation in economic censuses and surveys

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<sup>1</sup> The term, 'statistical units' relates to establishments, enterprises and other types of units about which statistics are collected and recorded in statistical systems

**CLASSIFICATION OF  
STATISTICAL UNITS**

for different industries. These are establishments, local units, kind-of-activity units, enterprises and enterprise groups. The concepts of these five types are explained in the following sections:

**a. Establishment and local unit**

The United Nations Statistical Office has defined an establishment as:

*'ideally, an economic unit which engages, under a single ownership or control, i.e. under a single legal entity, in one, or predominantly one, kind of economic activity at a single location'.*

The '*single location*' requirement in this definition means that data from an establishment-based survey can be compiled on a geographical basis. This is an extremely useful characteristic. The requirement however limits the kind of data that can be collected. For example, some kinds of financial data such as overhead costs, profits, advertising costs, etc. are normally available only on a company or enterprise basis, and must, therefore, be excluded from establishment-based surveys.

There are cases where a single legal entity may engage in one class of activities at two or more nearby sites and may not maintain complete records for each site. Covering all sites in a single establishment in these instances will usually not represent a significant departure from the ideal concept. Thus, the concept of single location could refer to two or more nearby sites.

The '*one or predominantly one, kind of economic activity*' clause in the definition raises the problem of multi-activity units. For example, there are some cases where the single legal entity may engage in more than one kind of activity at

**CLASSIFICATION OF  
STATISTICAL UNITS**

a single location, or at two or more nearby sites. The record keeping practices of the entity may be such that data in respect of the inputs and outputs of the items of activity cannot be separately compiled. In these instances, it will be necessary to utilize the **local unit**, i.e. the entity that carries out more than one economic activity in one location, as the statistical unit. Thus, the local unit embraces a range of related activities, one of which predominates the rest. The activity that predominates is known as **primary** activity and the rest as **secondary** activities. If an activity is different from the principal activity or secondary activity and the output of this activity is used as intermediate input of the principal or secondary activity, this activity is referred to as ancillary activity.

However, if each of the various kinds of activity of a given local unit is substantial, and is carried out in distinct establishments and separate reporting is possible, then efforts are usually made to subdivide the local unit into statistical units that are comparable to the establishments.

These concepts of establishments and local units are applicable in many situations encountered in enquiries on agriculture, mining, manufacturing and distribution even though they cannot be applied strictly. Indeed, for operational convenience, the statistical units applied to many economic surveys, such as Survey of Manufacturing Industries, refer to a mixture of establishments and local units.

**b. Kind-of-activity unit**

Unlike the establishment, the **kind-of-activity unit** has no restriction with respect to the geographical area in which a given kind of activity is carried out by a single legal entity. In

**CLASSIFICATION OF  
STATISTICAL UNITS**

the case of certain kinds of economic activities such as construction, transportation and communication, a single legal entity will carry out the same kind of activity over a wide geographical area and will probably not keep records on the inputs and outputs classified according to areas. In these fields of activity, it may be necessary to use the kind-of-activity unit instead of the establishment as the statistical unit.

**c. Enterprise**

The concept of **enterprise** differs from that of an establishment. An enterprise is defined as the entire economic activity operated under a single legal entity and it may consist of more than one establishment.

It is an institutional unit<sup>2</sup> engaged in the production of goods and services for the market. The legal entity may be a corporation, co-operative, association, partnership, individual proprietorship or may take some other form of association. The enterprise is appropriate as the statistical unit for surveys of institutions, such as financial companies. For balance of payments purposes an enterprise consists of the operations of the legal entity resident in one country for example, a corporation or a branch of a non-resident company.

**d. Enterprise group**

An **enterprise group** (or family of legal entities or family of corporations<sup>3</sup>) is the operations of a set of legal entities, which are resident in one country and connected to a parent-subsidiary relationship.

The 'parent' in the relationship may or may not be resident.

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<sup>2</sup> An institutional unit is an economic entity that is capable in its own right of owning assets, incurring liabilities and engaging in economic activities and in transactions with others entities (cf. System of National Accounts 1993, Chapter IV page 87)

<sup>3</sup> Very large families of corporations are described as conglomerates. Conglomerates may include corporations resident in countries, in which case the parents corporation is usually described as a multi-national corporation (Ibid. page 92)

**CLASSIFICATION OF  
STATISTICAL UNITS**

The enterprise group as a statistical unit is the preferred unit in the Balance of Payments compilation<sup>4</sup>. This is because many international transactions are organised on this basis.

**METHODS OF  
CLASSIFYING  
STATISTICAL UNIT**

The **step-by-step method** may be used to classify establishments or other statistical units to the codes in the MSIC. By this method, a statistical unit is initially classified at the broadest level of the MSIC and subsequently at successive lower levels, e.g. classification to a Division, then to a Group within the Division, and so on until the unit is finally classified to an Item.

When applying this method, there are some special consideration in classification as following:

- a. At each level, i.e. Division, Group, Class or Item, a unit can be classified to only one cell e.g. Item.
- b. The codes of the different levels to which a unit is classified must be related by aggregation or disaggregation, e.g. an establishment classified to the Division of *Crop and animal production, hunting and related service activities* (Division 01) may only be classified to a Group within this Division such as *Growing of non-perennial crops* (Group 011).
- c. The class in which the principal activity or range of activities of the unit is included determines the activity classification of each unit. The principal activity of the unit, in general, should be determined from the value added of the goods it sells or ships, or the services it renders to other units or consumers. In situations where such data are not available, data on output, sales or gross receipts, wages and salaries or average number of workers may be considered as alternative measures. However, only one of these measures should be used in order

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<sup>4</sup> Balance of Payments Compilation Guide, International Monetary Fund 1995, Chapter XVII page 188.

**METHODS OF  
CLASSIFYING  
STATISTICAL UNIT**

to ensure consistent classification of all units. Otherwise, a mixed activity unit may be classified to one industry in one data collection and to another industry in another collection.

- d In the case of vertical integration, the activities of an economic unit extend over a number of stages in the production or fabrication of a product, and the output of one process serves as the input for the next. For such cases, the unit is to be classified according to the activity indicated by the nature of the final product. For example, the activity of a granite quarry combine with a plant making concrete products where the sales of the product at the intermediate stage are not significant, should be classified as a *Manufacture of articles of concrete, cement and plaster* (Class 2395). An establishment which develops and then publishes computer software is classified as a software publisher instead of a software developer.
- e Units that repair or overhaul capital goods are classified in the same activity as the units that produce the goods, except for the following:
- Maintenance and repair of motor vehicles* (Group 452) and  
*sale of motor vehicle parts and accessories* (Group 453);
- Repair of computers and communication equipment* (Group 951);
- Repair of personal and household goods* (Group 952);
- Repair and installation of machinery and equipment*  
(Division 33)
- f Retail trade of goods produced in the same unit should not be considered as a separate activity. Therefore a manufacturing

**METHODS OF  
CLASSIFYING  
STATISTICAL UNIT**

establishment which sells its own products is classified under manufacturing instead of retail trade. However, if other products are sold in addition to self-produced goods, classification should be done according to the principal activity of the unit.

The ideal method of classification of enterprises is to determine which establishments are owned by the enterprise and then, by using the total value added of each establishment as a 'weight' to determine the predominant industry of the establishment owned. In practice, it may not be possible to use the ideal method in a statistical collection. In such circumstances, an enterprise should be assigned the MSIC code of the largest establishment owned in terms of employment measure viz., number of employees.

Since the activities of an enterprise cover a wide range of Groups, Classes or Items, it may be appropriate for certain statistics to classify an enterprise at the Division level only.

**MAJOR CHANGES IN  
THE MSIC 2008 VER.  
1.0**

In general, the framework of the MSIC 2008 Ver. 1.0 and the MSIC 2000 are broadly similar. However, with the expansion of certain types of industries, specific areas in the MSIC have been given greater emphasis to reflect such changes from 17 to 21 sections.

Category	MSIC 2000	MSIC 2008 Ver. 1.0	Growth (%)
Sections	17	21	23.5
Divisions	60	88	46.7
Groups	157	238	51.6
Classes	302	423	40.1
Items	698	1,174	68.2

Some of the major changes introduced in the MSIC 2008 Ver. 1.0 are listed below:

- a. **Agriculture:** Agriculture, hunting and forestry (Section A) and

**MAJOR CHANGES IN  
THE MSIC 2008 VER.  
1.0**

- Fishing (Section B) were combined under Agriculture, forestry and fishing (Section A) in MSIC 2008 Ver. 1.0.
- b. **Mining and Quarrying:** Division 12 and 13 were combined to division 07 under Section B.
  - c. **Manufacturing:** Manufacture of food products and beverage (division 15) was expanded to two separate Divisions which are division 10 and 11. Manufacture of chemicals and chemical products (division 24) was separated to division 20 and 21. Manufacture of furniture; manufacturing n.e.c. (division 36) was expanded to three separate divisions which is Division 31, 32 and 33. **Recycling** under Manufacturing (Division 37) was reclassified into related division. It is because the size of this division is small in Malaysia and has difficult borders within manufacturing, trade and other activities like sewage and refuse disposal. The production of ice, including ice for food and non-food (e.g. cooling) purposes has been classified under class 3530 - utility steam and air conditioning supply and not classified as manufacturing as in the MSIC 2000. Publishing, printing and reproduction of recorded media in division 22 was moved to division 58 under section J.
  - d. **Water Supply; Sewerage, waste management and remediation activities:** Sewage and refuse disposal, sanitation and similar activities were moved from section O to Sewerage under division 37.
  - e. **Construction:** Construction was expanded to three separate divisions which are construction of buildings, civil engineering and specialized construction activities (division 41, 42 and 43).
  - f. **Wholesale and Retail Trade:** repair of personal household

**MAJOR CHANGES IN  
THE MSIC 2008 VER.  
1.0**

- goods (division 52) was moved to division 95 under section others service activities
- g. **Transportation and Storage:** Travel agencies (division 63) were moved to section administrative and support service activities (division 75).
  - h. **Accommodation and Food Services Activities:** Hotel and restaurants in division 55 was separated into division 55 and 56.
  - i. **Information and Communication:** This section was introduced to reflect recent developments in the information technology. Recreational, cultural and sporting activities (division 92 in section O) was moved and spread out to division 59 and 60 in section J. Meanwhile, computer and related activities (division 72) in section K was moved and expanded to division 62 and 63 in section J.
  - j. **Professional, Scientific and Technical Activities:** Section K was reorganised into related section in MSIC 2008 Ver. 1.0. For example, Other business activities (division 74) was categorised into division 69, 70, 71, 73 and 74 under section M. Veterinary activities (division 75) was removed from division 85, section Health and social work in MSIC 2000.
  - k. **Human Health and Social Work Activities:** Division 85 was expanded to divisions 86, 87 and 88.
  - l. **Arts, Entertainment and Recreation:** This new section previously classified in division 92 in section O and has been spread out to divisions 90, 91, 92 and 93 in MSIC 2008 Ver. 1.0.

The changes in the MSIC 2008 Ver. 1.0 have thus resulted in differences in data comparability with the MSIC 2000. Therefore, for ease of comparison, the MSIC 2000 codes are provided

against the MSIC 2008 Ver. 1.0 codes in the classification.

**NOTATIONS USED**

ISIC - International Standard Industrial Classification

MIC - Malaysia Industrial Classification

MSIC - Malaysia Standard Industrial Classification

ACIC - ASEAN Common Industrial Classification

p - part of

.. - not applicable

n.e.c. - not elsewhere classified

n.c. - new code

e.g. - example

i.e. - that is

etc. - and so on

## LIST OF DIVISIONS AND GROUPS

SECTION	DIVISION	GROUP	DESCRIPTION	
A	01		<b>AGRICULTURE, FORESTRY AND FISHING</b>	
			<b>Crops and animal production, hunting and related service activities</b>	
		011	Growing of non-perennial crops	
		012	Growing of perennial crops	
		013	Plant propagation	
		014	Animal production	
		015	Mixed farming	
		016	Support activities to agriculture and post-harvest crops activities	
		017	Hunting, trapping and related service activities	
		02		<b>Forestry and logging</b>
			021	Silviculture and other forestry activities
			022	Logging
			023	Gathering of non-wood forest products
			024	Support services to forestry
		03		<b>Fishing and aquaculture</b>
			031	Fishing
			032	Aquaculture
B	05		<b>MINING AND QUARRYING</b>	
			<b>Mining of coal and lignite</b>	
		051	Mining of hard coal	
		052	Mining of lignite	
		06		<b>Extraction of crude petroleum and natural gas</b>
			061	Extraction of crude petroleum
			062	Extraction of natural gas
		07		<b>Mining of metal ores</b>
			071	Mining of iron ores
			072	Mining of non-ferrous metal ores
		08		<b>Other mining and quarrying</b>
081	Quarrying of stone, sand and clay			
089	Mining and quarrying n.e.c.			

SECTION	DIVISION	GROUP	DESCRIPTION
		<b>09</b>	<b>Mining support service activities</b>
		091	Support activities for petroleum and natural gas extraction
		099	Support activities for other mining and quarrying
<b>C</b>			<b>MANUFACTURING</b>
		<b>10</b>	<b>Manufacture of food products</b>
		101	Processing and preserving of meat
		102	Processing and preserving of fish, crustaceans and molluscs
		103	Processing and preserving of fruit and vegetables
		104	Manufacture of vegetable and animal oils and fats
		105	Manufacture of dairy products
		106	Manufacture of grain mill products, starches and starch products
		107	Manufacture of other food products
		108	Manufacture of prepared animal feeds
		<b>11</b>	<b>Manufacture of beverages</b>
		110	Manufacture of beverages
		<b>12</b>	<b>Manufacture of tobacco products</b>
		120	Manufacture of tobacco products
		<b>13</b>	<b>Manufacture of textiles</b>
		131	Spinning, weaving and finishing of textiles
		139	Manufacture of other textiles
		<b>14</b>	<b>Manufacture of wearing apparel</b>
		141	Manufacture of wearing apparel, except fur apparel
		142	Manufacture of articles of fur
		143	Manufacture of knitted and crocheted apparel
		<b>15</b>	<b>Manufacture of leather and related products</b>
		151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
		152	Manufacture of footwear
		<b>16</b>	<b>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</b>
		161	Sawmilling and planing of wood

SECTION	DIVISION	GROUP	DESCRIPTION
		162	Manufacture of products of wood, cork, straw and plaiting materials
	<b>17</b>		<b>Manufacture of paper and paper products</b>
		170	Manufacture of paper and paper products
	<b>18</b>		<b>Printing and reproduction of recorded media</b>
		181	Printing and service activities related to printing
		182	Reproduction of recorded media
	<b>19</b>		<b>Manufacture of coke and refined petroleum products</b>
		191	Manufacture of coke oven products
		192	Manufacture of refined petroleum products
	<b>20</b>		<b>Manufacture of chemicals and chemical products</b>
		201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms
		202	Manufacture of other chemical products
		203	Manufacture of man-made fibres
	<b>21</b>		<b>Manufacture of basic pharmaceutical products and pharmaceutical preparations</b>
		210	Manufacture of pharmaceuticals, medicinal chemical and botanical products
	<b>22</b>		<b>Manufacture of rubber and plastics products</b>
		221	Manufacture of rubber products
		222	Manufacture of plastics products
	<b>23</b>		<b>Manufacture of other non-metallic mineral products</b>
		231	Manufacture of glass and glass products
		239	Manufacture of non-metallic mineral products n.e.c.
	<b>24</b>		<b>Manufacture of basic metals</b>
		241	Manufacture of basic iron and steel
		242	Manufacture of basic precious and other non-ferrous metals
		243	Casting of metals
	<b>25</b>		<b>Manufacture of fabricated metal products, except machinery and equipment</b>
		251	Manufacture of structural metal products, tanks, reservoirs and steam generators
		252	Manufacture of weapons and ammunition

SECTION	DIVISION	GROUP	DESCRIPTION
		259	Manufacture of other fabricated metal products; metalworking service activities
	<b>26</b>		<b>Manufacture of computer, electronic and optical products</b>
		261	Manufacture of electronic components and boards
		262	Manufacture of computers and peripheral equipment
		263	Manufacture of communication equipment
		264	Manufacture of consumer electronics
		265	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
		266	Manufacture of irradiation, electromedical and electrotherapeutic equipment
		267	Manufacture of optical instruments and photographic equipment
		268	Manufacture of magnetic and optical media
	<b>27</b>		<b>Manufacture of electrical equipment</b>
		271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
		272	Manufacture of batteries and accumulators
		273	Manufacture of wiring and wiring devices
		274	Manufacture of electric lighting equipment
		275	Manufacture of domestic appliances
		279	Manufacture of other electrical equipment
	<b>28</b>		<b>Manufacture of machinery and equipment n.e.c.</b>
		281	Manufacture of general-purpose machinery
		282	Manufacture of special-purpose machinery
	<b>29</b>		<b>Manufacture of motor vehicles, trailers and semi-trailers</b>
		291	Manufacture of motor vehicles
		292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
		293	Manufacture of parts and accessories for motor vehicles
	<b>30</b>		<b>Manufacture of other transport equipment</b>
		301	Building of ships and boats
		302	Manufacture of railway locomotives and rolling stock
		303	Manufacture of air and spacecraft and related machinery

SECTION	DIVISION	GROUP	DESCRIPTION
		304	Manufacture of military fighting vehicles
		309	Manufacture of transport equipment n.e.c.
	31		<b>Manufacture of furniture</b>
		310	Manufacture of furniture
	32		<b>Other manufacturing</b>
		321	Manufacture of jewellery, bijouterie and related articles
		322	Manufacture of musical instruments
		323	Manufacture of sports goods
		324	Manufacture of games and toys
		325	Manufacture of medical and dental instruments and supplies
		329	Other manufacturing n.e.c.
	33		<b>Repair and installation of machinery and equipment</b>
		331	Repair of fabricated metal products, machinery and equipment
		332	Installation of industrial machinery and equipment
D			<b>ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY</b>
	35		<b>Electricity, gas, steam and air conditioning supply</b>
		351	Electric power generation, transmission and distribution
		352	Manufacture of gas; distribution of gaseous fuels through mains
		353	Steam and air conditioning supply
E			<b>WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES</b>
	36		<b>Water collection, treatment and supply</b>
		360	Water collection, treatment and supply
	37		<b>Sewerage</b>
		370	Sewerage
	38		<b>Waste collection, treatment and disposal activities; materials recovery</b>
		381	Waste collection
		382	Waste treatment and disposal
		383	Materials recovery

SECTION	DIVISION	GROUP	DESCRIPTION
		39	<b>Remediation activities and other waste management services</b>
		390	Remediation activities and other waste management services
F			<b>CONSTRUCTION</b>
		41	<b>Construction of buildings</b>
		410	Construction of buildings
		42	<b>Civil engineering</b>
		421	Construction of roads and railways
		422	Construction of utility projects
		429	Construction of other civil engineering projects
		43	<b>Specialized construction activities</b>
		431	Demolition and site preparation
		432	Electrical, plumbing and other construction installation activities
		433	Building completion and finishing
		439	Other specialized construction activities
G			<b>WHOLESALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES AND MOTORCYCLES</b>
		45	<b>Wholesale and retail trade and repair of motor vehicles and motorcycles</b>
		451	Sale of motor vehicles
		452	Maintenance and repair of motor vehicles
		453	Sale of motor vehicle parts and accessories
		454	Sale, maintenance and repair of motorcycles and related parts and accessories
		46	<b>Wholesale trade, except of motor vehicles and motorcycles</b>
		461	Wholesale on a fee or contract basis
		462	Wholesale of agricultural raw materials and live animals
		463	Wholesale of food, beverages and tobacco
		464	Wholesale of household goods
		465	Wholesale of machinery, equipment and supplies
		466	Other specialized wholesale
		469	Non-specialized wholesale trade

SECTION	DIVISION	GROUP	DESCRIPTION
		47	<b>Retail trade, except of motor vehicles and motorcycles</b>
		471	Retail sale in non-specialized stores
		472	Retail sale of food, beverages and tobacco in specialized stores
		473	Retail sale of automotive fuel in specialized stores
		474	Retail sale of information and communications equipment in specialized stores
		475	Retail sale of other household equipment in specialized stores
		476	Retail sale of cultural and recreation goods in specialized stores
		477	Retail sale of other goods in specialized stores
		478	Retail sale via stalls and markets
		479	Retail trade not in stores, stalls or markets
H			<b>TRANSPORTATION AND STORAGE</b>
		49	<b>Land transport and transport via pipelines</b>
		491	Transport via railways
		492	Other land transport
		493	Transport via pipeline
		50	<b>Water transport</b>
		501	Sea and coastal water transport
		502	Inland water transport
		51	<b>Air transport</b>
		511	Passenger air transport
		512	Freight air transport
		52	<b>Warehousing and support activities for transportation</b>
		521	Warehousing and storage
		522	Support activities for transportation
		53	<b>Postal and courier activities</b>
		531	Postal activities
		532	Courier activities
I			<b>ACCOMMODATION AND FOOD SERVICE ACTIVITIES</b>
		55	<b>Accommodation</b>
		551	Short term accommodation activities

SECTION	DIVISION	GROUP	DESCRIPTION
		552	Camping grounds, recreational vehicle parks and trailer parks
		559	Other accommodation
	<b>56</b>		<b>Food and beverage service activities</b>
		561	Restaurants and mobile food service activities
		562	Event catering and other food service activities
		563	Beverage serving activities
<b>J</b>			<b>INFORMATION AND COMMUNICATION</b>
	<b>58</b>		<b>Publishing activities</b>
		581	Publishing of books, periodicals and other publishing activities
		582	Software publishing
	<b>59</b>		<b>Motion picture, video and television programme production, sound recording and music publishing activities</b>
		591	Motion picture, video and television programme activities
		592	Sound recording and music publishing activities
	<b>60</b>		<b>Programming and broadcasting activities</b>
		601	Radio broadcasting
		602	Television programming and broadcasting activities
	<b>61</b>		<b>Telecommunications</b>
		611	Wired telecommunications activities
		612	Wireless telecommunications activities
		613	Satellite telecommunications activities
		619	Other telecommunications activities
	<b>62</b>		<b>Computer programming, consultancy and related activities</b>
		620	Computer programming, consultancy and related activities
	<b>63</b>		<b>Information service activities</b>
		631	Data processing, hosting and related activities; web portals
		639	Other information service activities
<b>K</b>			<b>FINANCIAL AND INSURANCE/TAKAFUL ACTIVITIES</b>
	<b>64</b>		<b>Financial service activities, except insurance/takaful and pension funding</b>
		641	Monetary intermediation

SECTION	DIVISION	GROUP	DESCRIPTION
		642	Activities of holding companies
		643	Trusts, funds and similar financial entities
		649	Other financial service activities, except insurance/takaful and pension funding activities
	65		<b>Insurance/takaful, reinsurance/retakaful and pension funding, except compulsory social security</b>
		651	Insurance/takaful
		652	Reinsurance/retakaful
		653	Pension funding
	66		<b>Activities auxiliary to financial service and insurance/takaful activities</b>
		661	Activities auxiliary to financial service activities, except insurance/takaful and pension funding
		662	Activities auxiliary to insurance/takaful and pension funding
		663	Fund management activities
L			<b>REAL ESTATE ACTIVITIES</b>
	68		<b>Real estate activities</b>
		681	Real estate activities with own or leased property
		682	Real estate activities on a fee or contract basis
M			<b>PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES</b>
	69		<b>Legal and accounting activities</b>
		691	Legal activities
		692	Accounting, bookkeeping and auditing activities; tax consultancy
	70		<b>Activities of head offices; management consultancy activities</b>
		701	Activities of head offices
		702	Management consultancy activities
	71		<b>Architectural and engineering activities; technical testing and analysis</b>
		711	Architectural and engineering activities and related technical consultancy
		712	Technical testing and analysis

SECTION	DIVISION	GROUP	DESCRIPTION
		72	<b>Scientific research and development</b>
		721	Research and experimental development on natural sciences and engineering
		722	Research and experimental development on social sciences and humanities
		73	<b>Advertising and market research</b>
		731	Advertising
		732	Market research and public opinion polling
		74	<b>Other professional, scientific and technical activities</b>
		741	Specialized design activities
		742	Photographic activities
		749	Other professional, scientific and technical activities n.e.c.
		75	<b>Veterinary activities</b>
		750	Veterinary activities
N			<b>ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES</b>
		77	<b>Rental and leasing activities</b>
		771	Renting and leasing of motor vehicles
		772	Renting and leasing of personal and household goods
		773	Renting and leasing of other machinery, equipment and tangible goods
		774	Leasing of intellectual property and similar products, except copyrighted works
		78	<b>Employment activities</b>
		781	Activities of employment placement agencies
		782	Temporary employment agency activities
		783	Other human resources provision
		79	<b>Travel agency, tour operator, reservation service and related activities</b>
		791	Travel agency and tour operator activities
		799	Other reservation service and related activities
		80	<b>Security and investigation activities</b>
		801	Private security activities
		802	Security systems service activities
		803	Investigation activities

SECTION	DIVISION	GROUP	DESCRIPTION
		<b>81</b>	<b>Services to buildings and landscape activities</b>
		811	Combined facilities support activities
		812	Cleaning activities
		813	Landscape care and maintenance service activities
		<b>82</b>	<b>Office administrative, office support and other business support activities</b>
		821	Office administrative and support activities
		822	Activities of call centres
		823	Organization of conventions and trade shows
		829	Business support service activities n.e.c.
<b>O</b>			<b>PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY</b>
		<b>84</b>	<b>Public administration and defence; compulsory social security</b>
		841	Administration of the State and the economic and social policy of the community
		842	Provision of services to the community as a whole
		843	Compulsory social security activities
<b>P</b>			<b>EDUCATION</b>
		<b>85</b>	<b>Education</b>
		851	Pre-primary and primary education
		852	Secondary education
		853	Higher education
		854	Other education
		855	Educational support activities
<b>Q</b>			<b>HUMAN HEALTH AND SOCIAL WORK ACTIVITIES</b>
		<b>86</b>	<b>Human health activities</b>
		861	Hospital activities
		862	Medical and dental practice activities
		869	Other human health activities
		<b>87</b>	<b>Residential care activities</b>
		871	Residential nursing care facilities
		872	Residential care activities for mental retardation, mental health and substance abuse
		873	Residential care activities for the elderly and disabled

SECTION	DIVISION	GROUP	DESCRIPTION
		879	Other residential care activities
	<b>88</b>		<b>Social work activities without accommodation</b>
		881	Social work activities without accommodation for the elderly and disabled
		889	Other social work activities without accommodation n.e.c.
<b>R</b>			<b>ARTS, ENTERTAINMENT AND RECREATION</b>
	<b>90</b>		<b>Creative, arts and entertainment activities</b>
		900	Creative, arts and entertainment activities
	<b>91</b>		<b>Libraries, archives, museums and other cultural activities</b>
		910	Libraries, archives, museums and other cultural activities
	<b>92</b>		<b>Gambling and betting activities</b>
		920	Gambling and betting activities
	<b>93</b>		<b>Sports activities and amusement and recreation activities</b>
		931	Sports activities
		932	Other amusement and recreation activities
<b>S</b>			<b>OTHER SERVICE ACTIVITIES</b>
	<b>94</b>		<b>Activities of membership organizations</b>
		941	Activities of business, employers and professional membership organizations
		942	Activities of trade unions
		949	Activities of other membership organizations
	<b>95</b>		<b>Repair of computers and personal and household goods</b>
		951	Repair of computers and communication equipment
		952	Repair of personal and household goods
	<b>96</b>		<b>Other personal service activities</b>
		960	Other personal service activities
<b>T</b>			<b>ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS; UNDIFFERENTIATED GOODS- AND SERVICES- PRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE</b>
	<b>97</b>		<b>Activities of households as employers of domestic personnel</b>

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SECTION	DIVISION	GROUP	DESCRIPTION
		970	Activities of households as employers of domestic personnel
	<b>98</b>		<b>Undifferentiated goods- and services-producing activities of private households for own use</b>
		981	Undifferentiated goods-producing activities of private households for own use
		982	Undifferentiated service-producing activities of private households for own use
<b>U</b>			<b>ACTIVITIES OF EXTRATERRITORIAL ORGANIZATIONS AND BODIES</b>
	<b>99</b>		<b>Activities of extraterritorial organizations and bodies</b>
		990	Activities of extraterritorial organizations and bodies

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# LIST OF MSIC 2008 VER 1.0

Sections	Description
A	Agriculture, forestry and fishing
B	Mining and quarrying
C	Manufacturing
D	Electricity, gas, steam and air conditioning supply
E	Water supply; sewerage, waste management and remediation activities
F	Construction
G	Wholesale and retail trade; repair of motor vehicles and motorcycles
H	Transportation and storage
I	Accommodation and Food service activities
J	Information and communication
K	Financial and insurance/takaful activities
L	Real estate activities
M	Professional, scientific and technical activities
N	Administrative and support service activities
O	Public administration and defence; compulsory social security
P	Education
Q	Human health and social work activities
R	Arts, entertainment and recreation
S	Other service activities
T	Activities of households as employers; undifferentiated goods- and services-producing activities of households for own use
U	Activities of extraterritorial organizations and bodies

**A**

**● AGRICULTURE, FORESTRY  
AND FISHING**

- 01 Crops and animal production, hunting  
and related service activities
- 02 Forestry and logging
- 03 Fishing and aquaculture

**A**

**SECTION A : AGRICULTURE, FORESTRY AND FISHING**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	3
GROUP	13
CLASS	38
ITEM	142

This section includes the exploitation of vegetal and animal natural resources, comprising the activities of growing crops, raising and breeding of animals, harvesting of timber and other plants, animals or animal products from a farm or their natural habitats.

This section also includes crops and animal production, hunting and related service activities, foresting and logging.

**DIVISION 01 CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES**

This division includes two basic activities, namely the production of crops products and production of animal products, covering also the forms of organic agriculture, the growing of genetically modified crops and the raising of genetically modified animals.

This division also includes service activities incidental to agriculture, as well as hunting, trapping and related activities.

Group 015 (Mixed farming) breaks with the usual principles for identifying main activity. It accepts that many agricultural holdings have reasonably balanced crops and animal production and that it would be arbitrary to classify them in one category or the other.

Agricultural activities exclude any subsequent processing of the agricultural products (classified under divisions 10 and 11 (Manufacture of food products and beverages) and division 12 (Manufacture of tobacco products), beyond that needed to prepare them for the primary markets. However, the preparation of products for the primary markets is included here.

The division excludes field construction (e.g. agricultural land terracing, drainage, preparing rice paddies, etc.) classified in section F (Construction) and buyers and cooperative associations engaged in the marketing of farm products classified in section G.

**GROUP 011 Growing of non-perennial crops**

This group includes the growing of non-perennial crops, i.e. plants that do not last for more than two growing seasons. Included is the growing of these plants for the purpose of seed production.

**GROUP 012 Growing of perennial crops**

This group includes the growing of perennial crops, i.e. plants that lasts for more than two growing seasons, either dying back after each season or growing continuously. Included is the growing of these plants for the purpose of seed production.

**GROUP 013 Plant propagation**

This group includes the production of all vegetative planting materials including cuttings, suckers and seedlings for direct plant propagation or to create plant grafting stock into which selected scion is grafted for eventual planting to produce crops.

**GROUP 014 Animal production**

This group includes raising (farming) and breeding of all animals, except aquatic animals.

This group excludes breeding support services, such as stud services (see 0162), farm animal boarding and care (see 0162) and production of hides and skins from slaughterhouses (see 1010).

**GROUP 015 Mixed farming**

This group includes the combined production of crops and animals without a specialized production of crops or animals. The size of the overall farming operation is not a determining factor. If either production of crops or animals in a given unit exceeds 66 per cent or more of standard gross margins, the combined activity should not be included here, but allocated either to crops or animal farming.

This group excludes mixed crops farming (see group 011 and 012) and mixed animal farming (see group 014).

**GROUP 016 Support activities to agriculture and post-harvest crops activities**

This group includes activities incidental to agricultural production and activities similar to agriculture not undertaken for production purposes (in the sense of harvesting agricultural products), done on a fee or contract basis. Also included are post-harvest crops activities, aimed at preparing agricultural products for the primary market.

**GROUP 017 Hunting, trapping and related service activities**

This group includes hunting and trapping on a commercial basis, taking of animals (dead or alive) for food, fur, skin, or for use in research, in zoos or as pets and production of fur skins, reptile or bird skins from hunting or trapping activities.

**DIVISION 01 : CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES**

**Group 011 : Growing of non-perennial crops**

CLASS	ITEM	DESCRIPTION	MSIC 2000
0111 <sup>(1)</sup>		<b>Growing of cereals (except paddy), leguminous crops and oil seeds</b>	
	01111	Growing of maize	01119p
	01112	Growing of leguminous crops <sup>(2)</sup>	01119p
	01113	Growing of oil seeds <sup>(3)</sup>	01119p
	01119	Growing of other cereals n.e.c.	01119p
0112 <sup>(4)</sup>		<b>Growing of paddy</b>	
	01120	Growing of paddy	01111
0113 <sup>(5)</sup>		<b>Growing of vegetables and melons, roots and tubers</b>	
	01131	Growing of leafy or stem vegetables <sup>(6)</sup>	01121p
	01132	Growing of fruits bearing vegetables <sup>(7)</sup>	01121p
	01133	Growing of melons <sup>(8)</sup>	01139p

- (1) **Includes:** growing of mixed crops within agriculture units  
**Excludes:** growing of maize for fodder, see 01199
- (2) **Includes:** growing of beans, peas and pigeon peas
- (3) **Includes:** growing of soya beans, groundnuts, sesame seeds and sunflower seeds
- (4) **Includes:** organic farming and the growing of genetically modified paddy
- (5) **Excludes:** (a) growing of mushroom spawn, see 01303  
(b) growing of chillies (capsicum spp.) and other spices and aromatic crops, see 0128
- (6) **Includes:** growing of asparagus, cabbages, spinach and lettuce
- (7) **Includes:** growing of cucumbers and tomatoes
- (8) **Includes:** growing of watermelon, honey dew and rock melon

**DIVISION 01 : CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES**

**Group 011 : Growing of non-perennial crops**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	01134	Growing of mushrooms and truffles	01121p
	01135	Growing of vegetables seeds, except beet seeds	01121p
	01136	Growing of other vegetables	01121p
	01137	Growing of sugar beet	01121p
	01138	Growing of roots, tubers, bulb or tuberous vegetables <sup>(1)</sup>	01114, 01121p
<b>0114<sup>(2)</sup></b>		<b>Growing of sugar cane</b>	
	01140	Growing of sugar cane	01113
<b>0115</b>		<b>Growing of tobacco</b>	
	01150	Growing of tobacco	01112
<b>0116<sup>(3)</sup></b>		<b>Growing of fibre crops</b>	
	01160	Growing of fibre crops	01119p
<b>0119<sup>(4)</sup></b>		<b>Growing of other non-perennial crops</b>	
	01191	Growing of flowers <sup>(5)</sup>	01129p
	01192	Growing of flower seeds	01129p
	01193	Growing of sago (rumbia)	01119p, 01139p
	01199	Growing of other non-perennial crops n.e.c. <sup>(6)</sup>	01119p

(1) **Includes:** growing of cassava, yams, carrots, garlic and tapioca

(2) **Excludes:** growing of sugar beet, see 01137

(3) **Includes:** (a) growing of cotton  
 (b) growing of jute, kenaf and other textile bast fibres  
 (c) growing of flax and true hemp  
 (d) growing of sisal and other textile fibre of the genus agave  
 (e) growing of abaca, ramie and other vegetable textile fibres  
 (f) growing of other fibre crops

(4) **Excludes:** growing of non-perennial spice, aromatic, drug and pharmaceutical crops, see 0128

(5) **Includes:** production of cut flowers and flower buds

(6) **Includes:** growing of maize for fodder

DIVISION 01 : CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES

Group 012 : Growing of perennial crops

CLASS	ITEM	DESCRIPTION	MSIC 2000
0121		<b>Growing of grapes</b>	
	01210	Growing of grapes <sup>(1)</sup>	01139p
0122		<b>Growing of tropical and subtropical fruits</b>	
	01221	Growing of banana	01135
	01222	Growing of mango	01139p
	01223	Growing of <i>durian</i>	01138
	01224	Growing of <i>rambutan</i>	01139p
	01225	Growing of star fruit	01139p
	01226	Growing of papaya	01139p
	01227	Growing of pineapple	01134
	01228	Growing of pitaya (dragon fruit)	01139p
	01229	Growing of other tropical and subtropical fruits n.e.c. <sup>(2)</sup>	01139p
0123		<b>Growing of citrus fruits</b>	
	01231	Growing of pomelo	01139p
	01232	Growing of lemon and limes	01139p
	01233	Growing of tangerines and mandarin	01139p
	01239	Growing of other citrus fruits n.e.c.	01139p
0124		<b>Growing of pome fruits and stone fruits</b>	
	01241	Growing of guava	01139p
	01249	Growing of other pome fruits and stones fruits n.e.c.	01139p

(1) **Excludes:** manufacture of wines, see 1102

(2) **Includes:** *ciku, duku, duku langsung, langsung, dokong, cempedak, kedondong, durian belanda, salak, pulasan, longan, mata kucing, jackfruit, mangosteen and avocado*

**DIVISION 01 : CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES**

**Group 012 : Growing of perennial crops**

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>0125<sup>(1)</sup></b>		<b>Growing of other tree and bush fruits and nuts</b>	
	01251	Growing of berries <sup>(2)</sup>	01139p
	01252	Growing of fruit seeds	01139p
	01253	Growing of edible nuts <sup>(3)</sup>	01139p
	01259	Growing of other tree and bush fruits <sup>(4)</sup>	01139p
<b>0126<sup>(5)</sup></b>		<b>Growing of oleaginous fruits</b>	
	01261	Growing of oil palm (estate)	01117
	01262	Growing of oil palm (smallholdings)	01118
	01263	Growing of coconut (estate and smallholdings)	01137
	01269	Growing of other oleaginous fruits n.e.c.	01119p
<b>0127</b>		<b>Growing of beverage crops</b>	
	01271	Growing of coffee	01133
	01272	Growing of tea	01132
	01273	Growing of cocoa	01131
	01279	Growing of other beverage crops n.e.c.	01139p

(1) **Excludes:** growing of coconut, see 01263

(2) **Includes:** strawberries, blueberries, kiwi and other berries

(3) **Includes:** growing of cashew nuts, chestnuts, almonds, pistachios and other nut

(4) **Includes:** growing of locust beans

(5) **Excludes:** growing of soya beans, groundnuts and other oil seeds, see 0111

**DIVISION 01 : CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES**

**Group 012 : Growing of perennial crops**

CLASS	ITEM	DESCRIPTION	MSIC 2000
0128		<b>Growing of spices, aromatic, drugs and pharmaceutical crops</b>	
	01281	Growing of pepper ( <i>piper nigrum</i> )	01136
	01282	Growing of chillies and pepper ( <i>capsicum</i> spp.)	01121p
	01283	Growing of nutmeg	01119p
	01284	Growing of ginger	01119p
	01285	Growing of plants used primarily in perfumery, in pharmacy or for insecticidal, fungicidal or similar purposes <sup>(1)</sup>	01139p
	01289	Growing of other spices and aromatic crops n.e.c. <sup>(2)</sup>	01119p
0129		<b>Growing of other perennial crops</b>	
	01291	Growing of rubber trees (estate)	01115
	01292	Growing of rubber trees (smallholdings)	01116
	01293	Growing of trees for extraction of sap <sup>(3)</sup>	01139p
	01294	Growing of nipa palm	01139p
	01295	Growing of areca	01139p
	01296	Growing of roselle	01139p
	01299	Growing of other perennial crops n.e.c. <sup>(4)</sup>	01139p

(1) **Includes:** growing of *serai wangi*, *daun pandan* and *bunga Tanjung*

**Excludes:** (a) growing of cat whiskers, see 01289  
(b) growing of *tongkat ali*, see 01289

(2) **Includes:** (a) growing of cat whiskers  
(b) growing of *tongkat ali*  
(c) growing of cinnamon and cloves

(3) **Excludes:** gathering of tree sap or rubber-like gums in the wild, see 02309

(4) **Includes:** (a) growing of Christmas tree  
(b) growing of vegetables materials of a kind used primarily for planting

DIVISION 01 : CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES

Group 013 : Plant propagation

CLASS	ITEM	DESCRIPTION	MSIC 2000
0130 <sup>(1)</sup>		Plant propagation	
	01301	Growing of plants for planting	01129p, 02009p
	01302	Growing of plants for ornamental purposes <sup>(2)</sup>	01129p
	01303	Growing of live plants for bulbs, tubers and roots; cuttings and slips; mushroom spawn	01121p
	01304	Operation of tree nurseries <sup>(3)</sup>	01129p, 02009p

(1) **Excludes:** growing of plants for the purpose of seed production, see groups 011 and 012

(2) **Includes:** turf for transplanting

(3) **Excludes:** operation of forest tree nurseries, see 02103

**DIVISION 01 : CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES**

**Group 014 : Animal production**

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>0141<sup>(1)</sup></b>		<b>Raising of cattle and buffaloes</b>	
	01411	Raising, breeding and production of cattle or buffaloes	01211p, 01219p
	01412	Production of raw milk from cows or buffaloes	01211p
	01413	Production of bovine semen	01211p
<b>0142<sup>(2)</sup></b>		<b>Raising of horses and other equines</b>	
	01420	Raising and breeding of horses, asses, mules or hinnies	01219p
<b>0143</b>		<b>Raising of camels and camelids</b>	
	01430	Raising and breeding of camels (dromedary) and camelids	01219p
<b>0144<sup>(3)</sup></b>		<b>Raising of sheep and goats</b>	
	01441	Raising, breeding and production of sheep and goats	01219p
	01442	Production of raw sheep or goat's milk	01219p
	01443	Production of raw wool	01219p
<b>0145</b>		<b>Raising of swine/pigs</b>	
	01450	Raising, breeding and production of swine/pigs	01213
<b>0146<sup>(4)</sup></b>		<b>Raising of poultry</b>	
	01461	Raising, breeding and production of chicken, broiler	01212p
	01462	Raising, breeding and production of ducks	01212p
	01463	Raising, breeding and production of geese	01212p

(1) **Excludes:** processing of milk, see 1050

(2) **Includes:** racing horses

**Excludes:** operation of racing and riding stables, see 9319

(3) **Excludes:** (a) sheep shearing on a fee or contract basis, see 0162  
(b) production of pulled wool, see 10103  
(c) processing of milk, see 1050

(4) **Excludes:** production of feathers or down, see 1010

**DIVISION 01 : CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES**

**Group 014 : Animal production**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	01464	Raising, breeding and production of quails <sup>(1)</sup>	01212p
	01465	Raising and breeding of other poultry n.e.c. <sup>(2)</sup>	01212p
	01466	Production of chicken eggs	01212p
	01467	Production of duck eggs	01212p
	01468	Production of other poultry eggs n.e.c.	01212p
	01469	Operation of poultry hatcheries	01212p
<b>0149<sup>(3)</sup></b>		<b>Raising of other animals</b>	
	01491	Raising, breeding and production of semi-domesticated <sup>(4)</sup>	01219p
	01492	Production of fur skins, reptile or bird's skin from ranching operation	01219p
	01493	Operation of worm farms, land mollusc farms, snail farms	01219p
	01494	Raising of silk worms and production of silk worm cocoons	01219p
	01495	Bee keeping and production of honey and beeswax	01219p
	01496	Raising and breeding of pet animals <sup>(5)</sup>	01219p
	01497	Raising and breeding of swiftlet	01219p
	01499	Raising of diverse/other animals n.e.c. <sup>(6)</sup>	01219p

(1) **Includes:** production of quail eggs

(2) **Includes:** raising and breeding of turkeys and guinea-fowls

(3) **Excludes:** (a) production of hides and skins originating from hunting and trapping, see 0170  
 (b) operation of frog farms, crocodile farms, marine worm farms, see 03225, 03218  
 (c) operation of fish farms, see 03211, 03221  
 (d) training of pet animals, see 96094

(4) **Includes:** emus, ostriches, insects, rabbits and other fur animals

(5) **Excludes:** farming of marine/freshwater ornamental fish, see 03211, 03221

(6) **Includes:** exotic and other live animals

DIVISION 01 : CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED  
SERVICE ACTIVITIES

Group 015 : Mixed farming

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CLASS	ITEM	DESCRIPTION	MSIC 2000
0150 <sup>(1)</sup>		Mixed farming	
	01500	Mixed farming	01300

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(1) **Includes:** the combined production of crops and animals without a specialized production of crops or animals. If either production of crops or animals in a given unit exceeds 66 per cent or more of standard gross margins, the combined activity should not be included here, but allocated to crops or animal farming

**Excludes:** (a) mixed crops farming, see groups 011 and 012  
(b) mixed animal farming, see group 014

**DIVISION 01 : CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES**

**Group 016 : Support activities to agriculture and post-harvest crops activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
0161 <sup>(1)</sup>		<b>Support activities for crops production</b>	
	01610	Agricultural activities for crops production on a fee or contract basis <sup>(2)</sup>	01400p
0162 <sup>(3)</sup>		<b>Support activities for animal production</b>	
	01620	Agricultural activities for animal production on a fee or contract basis <sup>(4)</sup>	01400p, 28920p

- (1) **Excludes:** (a) post-harvest crops activities, see 0163  
 (b) activities of agronomists and agricultural economists, see 74905  
 (c) landscape architecture, see 71101  
 (d) landscape gardening, planting, see 81300  
 (e) maintenance of land to keep it in good ecological condition, see 81300  
 (f) organization of agricultural shows and fairs, see 82301
- (2) **Includes:** (a) the preparation of fields, harvesting, pest control (including rabbits) in connection with agriculture  
 (b) operation of irrigation equipment for agricultural purposes  
 (c) maintenance of land to keep it in good condition for agricultural use
- (3) **Includes:** activities of farrier
- Excludes:** (a) provision of space for animal boarding only, see 68109  
 (b) veterinary activities, see 75000  
 (c) vaccination of animals, see 75000  
 (d) renting of animals (e.g. herds), see 77309  
 (e) service activities to promote commercial hunting and trapping, see 94990  
 (f) pet boarding, see 96094
- (4) **Includes:** (a) activities to promote propagation, growth and output of animals  
 (b) activities related to artificial insemination  
 (c) sheep shearing  
 (d) farm animal boarding activities without health care  
 (e) herd testing services, droving services, agistment service, poultry caponizing

- DIVISION 01 : CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES**  
**Group 016 : Support activities to agriculture and post-harvest crops activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>0163<sup>(1)</sup></b>		<b>Post-harvest crops activities</b>	
	01631	Preparation of crops for primary markets <sup>(2)</sup>	01400p
	01632	Preparation of tobacco leaves <sup>(3)</sup>	01112p, 01400p
	01633	Preparation of cocoa beans	01400p
	01634	Sun-drying of fruits and vegetables	01400p
<b>0164<sup>(4)</sup></b>		<b>Seed processing for propagation</b>	
	01640	Seed processing for propagation	01400p

- (1) **Excludes:** (a) preparation of agricultural products by the producer, see groups 011 or 012  
(b) preserving of fruits and vegetables, including dehydration by artificial means, see 1030  
(c) stemming and redrying of tobacco, see 1200  
(d) marketing activities of commission merchants and cooperative associations, see division 46  
(e) wholesale of agricultural raw materials, see 4620
- (2) **Includes:** cleaning, trimming, grading, disinfecting, cotton ginning
- (3) **Includes:** preliminary processing tobacco leaves
- (4) **Includes:** (a) all post-harvest activities aimed at improving the propagation quality of seed through the removal of non-seed materials, undersized, mechanically or insect-damaged and immature seeds as well as removing the seed moisture to a safe level for seed storage  
(b) the drying, cleaning, grading and treating of seeds until they are marketed  
(c) the treatment of genetically modified seeds
- Excludes:** (a) growing of seeds, see groups 011 and 012  
(b) processing of seeds to obtain oil, see 1040  
(c) research to develop or modify new forms of seeds, see 7210

**DIVISION 01 : CROPS AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES**

**Group 017 : Hunting, trapping and related service activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
0170 <sup>(1)</sup>		<b>Hunting, trapping and related service activities</b>	
	01701	Hunting and trapping on a commercial basis	01500p
	01702	Taking of animals (dead or alive) <sup>(2)</sup>	01500p

(1) **Includes:** production of hides and skins originating from hunting and trapping

- Excludes:**
- (a) production of fur skins, reptile or bird skins from ranching operations, see group 01492
  - (b) raising of game animals on ranching operations, see 0149
  - (c) catching of whales, see 0311
  - (d) production of hides and skins originating from slaughterhouses, see 1010
  - (e) hunting for sport or recreation and related service activities, see 93199
  - (f) service activities to promote hunting and trapping, see 94990

(2) **Includes:** taking of animals for food, fur, skin or for use in research, in zoos or pets

**DIVISION 02 FORESTRY AND LOGGING**

This division includes the production of round wood for the forest-based manufacturing industries (MSIC divisions 16 and 17) as well as the extraction and gathering of wild growing non-wood forest products. Besides the production of timber, forestry activities result in products that undergo little processing, such as fire wood, charcoal, wood chips and round wood used in an unprocessed form (e.g. pit-props, pulpwood, etc.). These activities can be carried out in natural or planted forests.

**GROUP 021 Silviculture and other forestry activities**

This group includes growing of standing timber such as planting, replanting, transplanting, thinning and conserving of forests and timber tracts, growing of coppice, pulpwood and fire wood and operation of forest tree nurseries. These activities can be carried out in natural or planted forest.

**GROUP 022 Logging**

This group includes production of round wood for forest-based manufacturing industries, production of round wood used in an unprocessed form such as pit-props, fence posts and utility poles, gathering and production of fire wood and production of charcoal in the forest (using traditional methods). The output of this activity can take the form of logs, chips or fire wood.

**GROUP 023 Gathering of non-wood forest products**

This group includes the gathering of non-wood forest products and other plants growing in the wild.

**GROUP 024 Support services to forestry**

This group includes carrying out part of the forestry operation on a fee or contract basis.

DIVISION 02 : FORESTRY AND LOGGING  
 Group 021 : Silviculture and other forestry activities

CLASS	ITEM	DESCRIPTION	MSIC 2000
0210 <sup>(1)</sup>		<b>Silviculture and other forestry activities</b>	
	02101	Planting, replanting, transplanting, thinning and conserving of forests and timber tracts <sup>(2)</sup>	02009p
	02102	Growing of coppice, pulpwood and fire wood	02009p
	02103	Operation of forest tree nurseries <sup>(3)</sup>	02009p
	02104	Collection and raising of wildings (peat swamp forest tree species)	02009p
	02105	Forest plantation	02009p

- (1) **Excludes:** (a) growing of Christmas trees, see 01299  
 (b) operation of tree nurseries, see 01304  
 (c) gathering of wild growing non-wood forest products, see 0230  
 (d) production of wood chips and particles, see 16100
- (2) **Includes:** (a) enrichment planting  
 (b) planting of *bakau*  
 (c) planting of rattan  
 (d) open space planting  
 (e) planting of bamboo  
 (f) highway planting  
 (g) coastal planting  
 (h) planting of *nibong/sago* palm
- (3) **Includes:** nurseries for forest plantation

DIVISION 02 : FORESTRY AND LOGGING  
 Group 022 : Logging

CLASS	ITEM	DESCRIPTION	MSIC 2000
0220 <sup>(1)</sup>		Logging	
	02201	Production of round wood for forest-based manufacturing industries	02001p
	02202	Production of round wood used in an unprocessed form <sup>(2)</sup>	02001p
	02203	Production of charcoal in the forest (using traditional methods) <sup>(3)</sup>	02003
	02204	Rubber wood logging	02006

- (1) **Excludes:** (a) growing of Christmas trees, see 01299  
 (b) growing of standing timber: planting, replanting, transplanting, thinning and conserving of forests and timber tracts, see 02101  
 (c) gathering of wild growing non-wood forest products, see 0230  
 (d) production of wood chips and particles, not associated with logging, see 16100  
 (e) production of charcoal through distillation of wood, see 20112
- (2) **Includes:** pit-props, fence posts and utility poles
- (3) **Includes:** collection of bark (inland species, mangrove species and *gelam*) and firewood

DIVISION 02 : FORESTRY AND LOGGING  
 Group 023 : Gathering of non-wood forest products

CLASS	ITEM	DESCRIPTION	MSIC 2000
0230 <sup>(1)</sup>		Gathering of non-wood forest products	
	02301	Collection of rattan, bamboo	02002p
	02302	Bird's nest collection	02005
	02303	Wild sago palm collection	02004
	02309	Gathering of non-wood forest products n.e.c. <sup>(2)</sup>	02002p

- (1) **Excludes:**
- (a) managed production of any of these products (except growing of cork trees), see division 01
  - (b) growing of mushrooms or truffles, see 01134
  - (c) growing of berries or nuts, see 0125
  - (d) gathering of fire wood, see 02203
- (2) **Includes:**
- (a) collection of wild tree saps (e.g. dammar)
  - (b) fibres or fruits (e.g. *berangan, keranji, kerdas, petai*)
  - (c) leaves (e.g. *bertam, nipah, kajang, kubin*, leaflets)
  - (d) oils from jungle wood (e.g. *keruing* and others)
  - (e) roots (e.g. *akar laka*)
  - (f) bee's wax and honey

**DIVISION 02 : FORESTRY AND LOGGING**  
**Group 024 : Support service to forestry**

CLASS	ITEM	DESCRIPTION	MSIC 2000
0240 <sup>(1)</sup>		<b>Support service to forestry</b>	
	02401	Carrying out part of the forestry and forest plantation operation on a fee or contract basis for forestry service activities <sup>(2)</sup>	02009p, 74141p
	02402	Carrying out part of the forestry operation on a fee or contract basis for logging service activities <sup>(3)</sup>	02009p

- (1) **Excludes:** operation of forest tree nurseries, see 02103
- (2) **Includes:**
- (a) the forestry inventories
  - (b) forest management consulting services
  - (c) timber evaluation
  - (d) forest fire fighting and protection
  - (e) forest pest control
  - (f) establishing compensatory plantation
- (3) **Includes:**
- (a) transport of logs within the forest and outside of forest
  - (b) property hammer mark
  - (c) establishment of forest logging infrastructures
  - (d) forest development work (Poison Girdling and climber cutting (GCL))
  - (e) clear felling and burning
  - (f) compensatory plantation establishment
  - (g) nursery and forest inventory work
  - (h) forest harvesting (boundary cutting)
  - (i) pre-felling resource survey
  - (j) road construction
  - (k) tree marking and felling operation
  - (l) log hauling within the forest, as part of logging operations

**DIVISION 03 FISHING AND AQUACULTURE**

This division includes capture fishery and aquaculture, covering the use of fishery resources from marine, brackish or freshwater environments, with the goal of capturing or gathering fish, crustaceans, molluscs and other marine organisms and products (e.g. aquatic plants, pearls, sponges, etc.).

Also included are activities that are normally integrated in the process of production for own account (e.g. seeding oysters for pearl production).

This division excludes building and repairing of ships and boats (3011, 3315) and sport or recreational fishing activities (9319). Processing of fish, crustaceans or molluscs is excluded, whether at land-based plants or on factory ships (1020).

**GROUP 031 Fishing**

This group includes "capture fishery", i.e. the hunting, collecting and gathering activities directed at removing or collecting live wild aquatic organisms (predominantly fish, molluscs and crustaceans) including plants from the oceanic, coastal or inland waters for human consumption and other purposes by hand or more usually by various types of fishing gear such as nets, lines and stationary traps. Such activities can be conducted on the intertidal shoreline (e.g. collection of molluscs such as mussels and oysters) or shore based netting, or from home-made dugouts or more commonly using commercially made boats in inshore, coastal waters or offshore waters. Unlike in aquaculture (group 032), the aquatic resource being captured is usually common property resource irrespective of whether the harvest from this resource is undertaken with or without exploitation rights. Such activities also include fishing restocked water bodies.

**GROUP 032 Aquaculture**

This group includes "aquaculture" (or aqua farming), i.e. the production process involving the culturing or farming (including harvesting) of aquatic organisms (fish, molluscs, crustaceans, plants, crocodiles, alligators and amphibians) using techniques designed to increase the production of the organisms in question beyond the natural capacity of the environment (for example regular stocking, feeding and protection from predators).

Culturing/farming refers to the rearing up to their juvenile and/or adult phase under captive conditions of the above organisms. In addition, "aquaculture" also encompasses individual, corporate or state ownership of the individual organisms throughout the rearing or culture stage, up to and including harvesting.

**DIVISION 03 : FISHING AND AQUACULTURE**  
**Group 031 : Fishing**

CLASS	ITEM	DESCRIPTION	MSIC 2000
0311 <sup>(1)</sup>		<b>Marine fishing</b>	
	03111	Fishing on a commercial basis in ocean and coastal waters <sup>(2)</sup>	05001
	03112	Collection of marine crustaceans and molluscs	05001p
	03113	Taking of aquatic animals: sea squirts, tunicates, sea urchins	05001p
	03114	Activities of vessels engaged both in fishing and in processing and preserving of fish	05001p
	03115	Gathering of other marine organisms and materials (natural pearls, sponges, coral and algae)	05001p
	03119	Marine fishing n.e.c.	05009p
0312 <sup>(3)</sup>		<b>Freshwater fishing</b>	
	03121	Fishing on a commercial basis in inland waters	05002p
	03122	Taking of freshwater crustaceans and molluscs	05002p
	03123	Taking of freshwater aquatic animals	05002p
	03124	Gathering of freshwater flora and fauna	05002p
	03129	Freshwater fishing n.e.c.	05009p

- (1) **Excludes:** (a) capturing of marine mammals, except whales see 03111 (e.g. walruses, seals), see 0170  
(b) processing of fish, crustaceans and molluscs on factory ships or in factories ashore, see 1020  
(c) renting of pleasure boats with crew for sea and coastal water transport (e.g. for fishing cruises), see 50113  
(d) fishing inspection, protection and patrol services, see 84239  
(e) fishing practiced for sport or recreation and related services, see 93199  
(f) operation of sport fishing preserves, see 93199
- (2) **Includes:** capturing of whales
- (3) **Excludes:** (a) processing of fish, crustaceans and molluscs, see 1020  
(b) fishing inspection, protection and patrol services, see 84239  
(c) fishing practiced for sport or recreation and related services, see 93199  
(d) operation of sport fishing preserves, see 93199

**DIVISION 03 : FISHING AND AQUACULTURE**  
**Group 032 : Aquaculture**

CLASS	ITEM	DESCRIPTION	MSIC 2000
0321 <sup>(1)</sup>		<b>Marine aquaculture</b>	
	03211	Fish farming in sea water <sup>(2)</sup>	05003p
	03212	Production of bivalve spat (oyster, mussel), lobster lings, shrimp post-larvae, fish fry and fingerlings	05003p
	03213	Growing of laver and other edible seaweeds	05003p
	03214	Culture of crustaceans, bivalves, other molluscs and other aquatic animals in sea water	05003p
	03215	Aquaculture activities in brackish water	05003p
	03216	Aquaculture activities in salt water filled tanks or reservoirs	05003p
	03217	Operation of hatcheries (marine)	05003p
	03218	Operation of marine worm farms for fish feed	05003p
	03219	Marine aquaculture n.e.c.	05009p
0322 <sup>(3)</sup>		<b>Freshwater aquaculture</b>	
	03221	Fish farming in freshwater <sup>(4)</sup>	05003p
	03222	Shrimp farming in freshwater	05003p
	03223	Culture of freshwater crustaceans, bivalves, other molluscs and other aquatic animals <sup>(5)</sup>	05003p
	03224	Operation of hatcheries (freshwater)	05003p
	03225	Farming of frogs	01219p
	03229	Freshwater aquaculture n.e.c.	05009p

- (1) **Excludes:** (a) frog farming, see 03225  
(b) operation of sport fishing preserves, see 93199
- (2) **Includes:** farming of marine ornamental fish
- (3) **Excludes:** (a) aquaculture activities in salt water filled tanks and reservoirs, see  
03216  
(b) operation of sport fishing preserves, see 93199
- (4) **Includes:** farming of freshwater ornamental fish
- (5) **Includes:** crocodile, alligators and snake

**B**

**MINING AND QUARRYING**

- 05 Mining of coal and lignite
- 06 Extraction of crude petroleum and natural gas
- 07 Mining of metal ores
- 08 Other mining and quarrying
- 09 Mining support service activities

**B**

SECTION B : MINING AND QUARRYING

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	5
GROUP	10
CLASS	14
ITEM	56

Mining and quarrying include the extraction of minerals occurring naturally as solids (coal and ores), liquids (petroleum) or gases (natural gas). Extraction can be achieved by different methods such as underground or surface mining, well operation, seabed mining, etc.

This section includes mining of coal and lignite; extraction of crude petroleum and natural gas; mining of metal ores and other mining and quarrying.

This section also includes supplementary activities aimed at preparing the crude materials for marketing, for example, crushing, grinding, cleaning, drying, sorting, concentrating ores, liquefaction of natural gas and agglomeration of solid fuels. These operations are often carried out by the units that extracted the resource and/or others located nearby.

Mining activities are classified into divisions, groups and classes on the basis of the principal mineral produced. Divisions 05, 06 are concerned with mining and quarrying of fossil fuels (coal, lignite, petroleum, gas); divisions 07, 08 concern metal ores, various minerals and quarry products.

Some of the technical operations of this section, particularly related to the extraction of hydrocarbons, may also be carried out for third parties by specialized units as an industrial service, which is reflected in division 09.

This section excludes the processing of the extracted materials (see section C - Manufacturing), which also covers the bottling of natural spring and mineral waters at springs and wells (see class 1104) or the crushing, grinding or otherwise treating certain earths, rocks and minerals not carried out in conjunction with mining and quarrying (see class 2399). This section also excludes the usage of the extracted materials without a further transformation for construction purposes (see section F - Construction), the collection, purification and distribution of water (see class 3600), separate site preparation activities for mining (see class 4312) and geophysical, geologic and seismic surveying activities (see class 7110).

**B****DIVISION 05 MINING OF COAL AND LIGNITE**

This division includes the extraction of solid mineral fuels includes through underground or open-cast mining and includes operations (e.g. grading, cleaning, compressing and other steps necessary for transportation, etc.) leading to a marketable product.

This division does not include coking (see 1910), services incidental to coal or lignite mining (see 0990) or the manufacture of briquettes (see 1920).

**GROUP 051 Mining of hard coal**

This group includes mining of hard coal: underground or surface mining, including mining through liquefaction methods and cleaning, sizing, grading, pulverizing, compressing, etc. of coal to classify, improve quality or facilitate transport or storage.

**GROUP 052 Mining of lignite**

This group includes mining of lignite (brown coal) such as underground or surface mining, including mining through liquefaction methods and washing, dehydrating, pulverizing, compressing of lignite to improve quality or facilitate transport or storage.

DIVISION 05 : MINING OF COAL AND LIGNITE  
 Group 051 : Mining of hard coal

CLASS	ITEM	DESCRIPTION	MSIC 2000
0510 <sup>(1)</sup>		Mining of hard coal	
	05100	Mining of hard coal	10100p

- (1) **Includes:** (a) underground or surface mining, including mining through liquefaction methods  
 (b) cleaning, sizing, grading, pulverizing, compressing, etc. of coal to classify, improve quality or facilitate transport or storage  
 (c) recovery of hard coal from culm banks
- Excludes:** (a) lignite mining, see 05200  
 (b) peat digging, see 08921 and agglomeration of peat, see 08922  
 (c) support activities for hard coal mining, see 09900  
 (d) test drilling for coal mining, see 09900  
 (e) coke ovens producing solid fuels, see 19100  
 (f) manufacture of hard coal briquettes, see 19201  
 (g) work performed to develop or prepare properties for coal mining, see 43124



DIVISION 05 : MINING OF COAL AND LIGNITE  
 Group 052 : Mining of lignite

CLASS	ITEM	DESCRIPTION	MSIC 2000
0520 <sup>(1)</sup>		<b>Mining of lignite</b>	
	05200	Mining of lignite (brown coal)	10100p

- (1) **Includes:** (a) underground or surface mining, including mining through liquefaction methods  
 (b) washing, dehydrating, pulverizing, compressing of lignite to improve quality or facilitate transport or storage
- Excludes:** (a) hard coal mining, see 05100  
 (b) peat digging, see 08921  
 (c) test drilling for coal mining, see 09900  
 (d) support activities for lignite mining, see 09900  
 (e) manufacture of lignite fuel briquettes, see 19201  
 (f) work performed to develop or prepare properties for coal mining, see 43124

**DIVISION 06 EXTRACTION OF CRUDE PETROLEUM AND NATURAL GAS**

This division includes the production of crude petroleum, the mining and extraction of oil from oil shale and oil sands and the production of natural gas and recovery of hydrocarbon liquids. This includes the overall activities of operating and/or developing oil and gas field properties, including such activities as drilling, completing and equipping wells, operating separators, emulsion breakers, desilting equipment and field gathering lines for crude petroleum and all other activities in the preparation of oil and gas up to the point of shipment from the producing property.

This division excludes support activities for petroleum and gas extraction, such as oil and gas field services, performed on a fee or contract basis, oil and gas well exploration and test drilling and boring activities (see class 0910). This division also excludes the refining of petroleum products (see class 1920) and geophysical, geologic and seismic surveying activities (see class 7110).

**GROUP 061 Extraction of crude petroleum**

This group includes extraction of crude petroleum oils.

**GROUP 062 Extraction of natural gas**

This group includes production of crude gaseous hydrocarbon (natural gas), extraction of condensates, draining and separation of liquid hydrocarbon fractions and gas desulphurization.



**DIVISION 06** : EXTRACTION OF CRUDE PETROLEUM AND NATURAL GAS  
**Group 061** : Extraction of crude petroleum

CLASS	ITEM	DESCRIPTION	MSIC 2000
0610 <sup>(1)</sup>		<b>Extraction of crude petroleum</b>	
	06101	Extraction of crude petroleum oils	11100p
	06102	Extraction of bituminous or oil shale and tar sand	11100p
	06103	Production of crude petroleum from bituminous shale and sand	11100p
	06104	Processes to obtain crude oils <sup>(2)</sup>	11100p

- (1) **Excludes:** (a) support activities for oil and gas extraction, see 09101  
 (b) oil and gas exploration, see 09101  
 (c) manufacture of refined petroleum products, see 19201  
 (d) recovery of liquefied petroleum gases in the refining of petroleum, see 19201  
 (e) operation of pipelines, see 49300
- (2) **Includes:** decantation, desalting, dehydration, stabilization, etc.  
**Excludes:** extraction of crude petroleum oils, see 06101

**DIVISION 06** : EXTRACTION OF CRUDE PETROLEUM AND NATURAL GAS  
**Group 062** : Extraction of natural gas

CLASS	ITEM	DESCRIPTION	MSIC 2000
0620 <sup>(1)</sup>		<b>Extraction of natural gas</b>	
	06201	Production of crude gaseous hydrocarbon (natural gas)	11100p
	06202	Extraction of condensates	11100p
	06203	Draining and separation of liquid hydrocarbon fractions	11100p
	06204	Gas desulphurization	11100p
	06205	Mining of hydrocarbon liquids, obtain through liquefaction or pyrolysis	11100p

(1) **Includes:** extraction of methane, ethane, butane or propane

**Excludes:** (a) support activities for oil and gas extraction, see 09101  
 (b) oil and gas exploration, see 09101  
 (c) recovery of liquefied petroleum gases in the refining of petroleum, see 19201  
 (d) manufacture of industrial gases, see 20111  
 (e) operation of pipelines, see 49300

**B****DIVISION 07 MINING OF METAL ORES**

This division includes mining for metallic minerals (ores), performed through underground or open-cast extraction, seabed mining, etc. Also included are ore dressings and beneficiating operations, such as crushing, grinding, washing, drying, sintering, calcining or leaching ore, gravity separation or flotation operations.

This division excludes manufacturing activities such as the roasting of iron pyrites (see class 2011), the production of aluminium oxide (see class 2420) and the operation of blast furnaces (see classes 2410 and 2420).

**GROUP 071 Mining of iron ores**

This group includes mining of ores valued chiefly for iron content and beneficiation and agglomeration of iron ores.

**GROUP 072 Mining of non-ferrous metal ores**

This group includes the mining of non-ferrous metal ores.

DIVISION 07 : MINING OF METAL ORES  
Group 071 : Mining of iron ores

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CLASS	ITEM	DESCRIPTION	MSIC 2000
0710 <sup>(1)</sup>		<b>Mining of iron ores</b>	
	07101	Mining of ores valued chiefly for iron content	13100p
	07102	Beneficiation and agglomeration of iron ores	13100p

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(1) **Excludes:** extraction and preparation of pyrites and pyrrhotite (except roasting), see 08914

## B

DIVISION 07 : MINING OF METAL ORES  
 Group 072 : Mining of non-ferrous metal ores

CLASS	ITEM	DESCRIPTION	MSIC 2000
0721 <sup>(1)</sup>		<b>Mining of uranium and thorium ores</b>	
	07210	Mining of uranium and thorium ores	12000
0729 <sup>(2)</sup>		<b>Mining of other non-ferrous metal ores</b>	
	07291	Mining of tin ores	13201
	07292	Mining of copper	13203
	07293	Mining of bauxite (aluminium)	13205
	07294	Mining of ilmenite	13206
	07295	Mining of gold	13204
	07296	Mining of silver	13209p
	07297	Mining of platinum	13209p
	07298	Amang retreatment	13202
	07299	Mining of other non-ferrous metal ores n.e.c. <sup>(3)</sup>	13209p

- (1) **Includes:** (a) mining of ores chiefly valued for uranium and thorium content: pitchblende, etc.  
 (b) concentration of such ores  
 (c) production of yellowcake
- Excludes:** (a) enrichment of uranium and thorium ores, see 20119  
 (b) production of uranium metal from pitchblende or other ores, see 24209  
 (c) smelting and refining of uranium, see 24209
- (2) **Excludes:** (a) mining and preparation of uranium and thorium ores, see 07210  
 (b) production of aluminium oxide see 24202 and mattes of nickel or of copper, see 24209
- (3) **Includes:** mining and preparation of ores valued chiefly for non-ferrous metal content lead, zinc, manganese, chrome, nickel, cobalt, molybdenum, tantalum, vanadium, etc.

**DIVISION 08 OTHER MINING AND QUARRYING**

This division includes extraction from a mine or quarry, but also dredging of alluvial deposits, rock crushing and the use of salt marshes. The products are used most notably in construction (e.g. sands, stones, etc.), manufacture of materials (e.g. clay, gypsum, calcium, etc.), manufacture of chemicals, etc.

This division does not include processing (except crushing, grinding, cutting, cleaning, drying, sorting and mixing) of the minerals extracted.

**GROUP 081 Quarrying of stone, sand and clay**

This group includes quarrying, rough trimming and sawing of monumental and building stone such as marble, granite, sandstones, etc., quarrying, crushing and breaking of limestone, mining of gypsum and anhydrite, mining of chalk and unclaimed dolomite, extraction and dredging of industrial sand, sand for construction and gravel, breaking and crushing of stone and gravel, quarrying of sand and mining of clays, refractory clays and kaolin.

**GROUP 089 Mining and quarrying n.e.c.**

This group includes mining of chemical and fertilizer minerals, extraction of peat, extraction of salt, etc.



**DIVISION 08 : OTHER MINING AND QUARRYING**  
**Group 081 : Quarrying of stone, sand and clay**

CLASS	ITEM	DESCRIPTION	MSIC 2000
0810 <sup>(1)</sup>		<b>Quarrying of stone, sand and clay</b>	
	08101	Quarrying, rough trimming and sawing of monumental and building stone such as marble, granite (dimension stone), sandstone	14101p
	08102	Quarrying, crushing and breaking of limestone	14102p
	08103	Mining of gypsum and anhydrite	14109p
	08104	Mining of chalk and uncalcined dolomite	14102p
	08105	Extraction and dredging of industrial sand, sand for construction and gravel	14103p
	08106	Breaking and crushing of stone and gravel	14109p
	08107	Quarrying of sand <sup>(2)</sup>	14103p, 14108
	08108	Mining of clays, refractory clays and kaolin	14104, 14105p, 14106p
	08109	Quarrying, crushing and breaking of granite	14101

- (1) **Excludes:** (a) mining of bituminous sand, see 06102  
 (b) mining of chemical and fertilizer minerals, see 0891  
 (c) production of calcined dolomite, see 23942  
 (d) cutting, shaping and finishing of stone outside quarries, see 23960
- (2) **Includes:** mining of silica sand

DIVISION 08 : OTHER MINING AND QUARRYING  
 Group 089 : Mining and quarrying n.e.c.

CLASS	ITEM	DESCRIPTION	MSIC 2000
0891 <sup>(1)</sup>		<b>Mining of chemical and fertilizer minerals</b>	
	08911	Mining of natural phosphates	14211p
	08912	Mining of natural potassium salts	14219p
	08913	Mining of native sulphur	14219p
	08914	Extraction and preparation of pyrites and pyrrhotite, except roasting	14219p
	08915	Mining of natural barium sulphate and carbonate (barytes and witherite)	14107, 14290p
	08916	Mining of natural borates, natural magnesium sulphates (kieserite)	14219p
	08917	Mining of earth colours, fluorspar and other minerals valued chiefly as a source of chemicals	14219p
	08918	Guano mining	14211p
0892 <sup>(2)</sup>		<b>Extraction of peat</b>	
	08921	Peat digging	10100p
	08922	Peat agglomeration	10100p
	08923	Preparation of peat to improve quality or facilitate transport or storage	10100p

- (1) **Excludes:** (a) extraction of salt, see 0893  
 (b) roasting of iron pyrites, see 20119  
 (c) manufacture of synthetic fertilizers and nitrogen compounds, see 2012
- (2) **Excludes:** (a) service activities incidental to peat mining, see 09900  
 (b) manufacture of articles of peat, see 23990

**B**

**DIVISION 08 : OTHER MINING AND QUARRYING**  
**Group 089 : Mining and quarrying n.e.c.**

CLASS	ITEM	DESCRIPTION	MSIC 2000
0893 <sup>(1)</sup>		<b>Extraction of salt</b>	
	08931	Extraction of salt from underground <sup>(2)</sup>	14220
	08932	Salt production by evaporation of sea water or other saline waters	14220p
	08933	Crushing, purification and refining of salt by the producer	14220p
0899		<b>Other mining and quarrying n.e.c.</b>	
	08991	Mining and quarrying of abrasive materials	14290p
	08992	Mining and quarrying of asbestos	14290p
	08993	Mining and quarrying of siliceous fossil meals	14290p
	08994	Mining and quarrying of natural graphite	14290p
	08995	Mining and quarrying of steatite (talc)	14290p
	08996	Mining and quarrying of gemstones	14290p
	08999	Other mining and quarrying n.e.c. <sup>(3)</sup>	14290p

- (1) **Excludes:** (a) processing of salt into food-grade salt (e.g. iodized salt), see 10799  
(b) potable water production by evaporation of saline water, see 36002
- (2) **Includes:** by dissolving and pumping
- (3) **Includes:** mining and quarrying of various minerals and materials (e.g. natural asphalt, asphaltites and asphaltic rock; natural solid bitumen, quartz, mica, etc.)

**DIVISION 09 MINING SUPPORT SERVICE ACTIVITIES**

This division includes specialized support services incidental to mining provided on a fee or contract basis. It includes exploration services through traditional prospecting methods such as taking core samples and making geological observations as well as drilling, test-drilling or re-drilling for oil wells, metallic and non-metallic minerals. Other typical services cover building oil and gas well foundations, cementing oil and gas well casings, cleaning, bailing and swabbing oil and gas wells, draining and pumping mines, overburden removal services at mines, etc.

**GROUP 091 Support activities for petroleum and natural gas extraction**

This group includes oil and gas extraction service activities provided on a fee or contract basis, oil and gas field fire fighting services.

**GROUP 099 Support activities for other mining and quarrying**

This group includes support services on a fee or contract basis, required for mining activities of divisions 05, 07 and 08.



DIVISION 09 : MINING SUPPORT SERVICE ACTIVITIES  
 Group 091 : Support activities for petroleum and natural gas extraction

CLASS	ITEM	DESCRIPTION	MSIC 2000
0910 <sup>(1)</sup>		<b>Support activities for petroleum and natural gas extraction</b>	
	09101	Oil and gas extraction service activities provided on a fee or contract basis <sup>(2)</sup>	11100p, 11200p, 74212p, 74213p
	09102	Oil and gas field fire fighting services	11200p

- (1) **Excludes:**
- (a) service activities performed by operators of oil or gas fields, see 0610, 0620
  - (b) specialized repair of mining machinery, see 33120
  - (c) liquefaction and regasification of natural gas for purpose of transport, done off the mine site, see 19201
  - (d) geophysical, geologic and seismic surveying, see 71103
- (2) **Includes:**
- (a) exploration services in connection with petroleum or gas extraction (e.g. traditional prospecting methods, such as making geological observations at prospective sites)
  - (b) directional drilling and re-drilling, "spudding in", derrick erection in site, repairing and dismantling, cementing oil and gas well casings, pumping of wells, plugging and abandoning wells
  - (c) liquefaction and regasification of natural gas for purpose of transport, done at the mine site
  - (d) draining and pumping services, on a fee or contract basis
  - (e) test drilling in connection with petroleum or gas extraction

DIVISION 09 : MINING SUPPORT SERVICE ACTIVITIES  
 Group 099 : Support activities for other mining and quarrying

CLASS	ITEM	DESCRIPTION	MSIC 2000
0990 <sup>(1)</sup>		<b>Support activities for other mining and quarrying</b>	
	09900	Support activities for other mining and quarrying <sup>(2)</sup>	10100p, 12000p, 13100p, 13209p, 14109p, 14219p, 14220p, 14290p, 74212p, 74213p

- (1) **Excludes:**
- (a) operating mines or quarries on a contract or fee basis, see divisions 05, 07 or 08
  - (b) specialized repair of mining machinery, see 33120
  - (c) geophysical surveying services, on a contract or fee basis, see 71103
- (2) **Includes:**
- (a) support services on a fee or contract basis, required for mining and quarrying activities of divisions 05, 07 and 08
  - (b) exploration services (e.g. traditional prospecting methods, such as taking core samples and making geological observations at prospective sites)
  - (c) draining and pumping services, on a fee or contract basis
  - (d) test drilling and test hole boring
  - (e) cleaning services e.g. cleaning of 'palong'

# C

## **MANUFACTURING**

- 10 Manufacture of food products
- 11 Manufacture of beverages
- 12 Manufacture of tobacco products
- 13 Manufacture of textiles
- 14 Manufacture of wearing apparel
- 15 Manufacture of leather and related products
- 16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
- 17 Manufacture of paper and paper products
- 18 Printing and reproduction of recorded media
- 19 Manufacture of coke and refined petroleum products
- 20 Manufacture of chemicals and chemical products
- 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations
- 22 Manufacture of rubber and plastics products
- 23 Manufacture of other non-metallic mineral products
- 24 Manufacture of basic metals
- 25 Manufacture of fabricated metal products, except machinery and equipment
- 26 Manufacture of computer, electronic and optical products
- 27 Manufacture of electrical equipment
- 28 Manufacture of machinery and equipment n.e.c.
- 29 Manufacture of motor vehicles, trailers and semi-trailers
- 30 Manufacture of other transport equipment
- 31 Manufacture of furniture
- 32 Other manufacturing
- 33 Repair and installation of machinery and equipment

# C

**SECTION C : MANUFACTURING****C**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	24
GROUP	71
CLASS	137
ITEM	259

This section, Manufacturing, includes the physical or chemical transformation of materials, substances, or components into new products, although this cannot be used as the single universal criterion for defining manufacturing (see remark on processing of waste below). The materials, substances, or components transformed are raw materials that are products of agriculture, forestry, fishing, mining or quarrying as well as products of other manufacturing activities. Substantial alteration, renovation or reconstruction of goods is generally considered to be manufacturing.

This section includes manufacture of food products, beverages, tobacco products, textile, wearing apparel, leather, wood and products of wood and cork (except furniture), articles of straw and plaiting materials, paper and paper products, printing and reproduction of recorded media, coke and refined petroleum products, chemicals and chemical products, basic pharmaceutical products and pharmaceutical properties, rubber and plastic products, other non-metallic mineral product, basic metal, fabricated metal products, except machinery and equipment, computer, electronic and optical products, electrical equipment, machinery and equipment n.e.c., motor vehicles trailers and semi-trailers, other transport equipment, other manufacturing, repair and installation of machinery and equipment.

Units engaged in manufacturing are often described as plants, factories or mills and characteristically use power-driven machines and materials-handling equipment. However, units that transform materials or substances into new products by hand or in the worker's home and those engaged in selling to the general public of products made on the same premises from which they are sold, such as bakeries and custom tailors, are also included in this section. Manufacturing units may process materials or may contract with other units to process their materials for them. Both types of units are included in manufacturing.

The output of a manufacturing process may be finished in the sense that it is ready for utilization or consumption, or it may be semi-finished in the sense that it is to become an input for further manufacturing. For example, the output of alumina refining is the input used in the primary production of aluminium; primary aluminium is the input to aluminium wire drawing; and aluminium wire is the input for the manufacture of fabricated wire products.

Manufacture of specialized components and parts of, and accessories and attachments to, machinery and equipment is, as a general rule, classified in the same class as the manufacture of



the machinery and equipment for which the parts and accessories are intended. Manufacture of unspecialized components and parts of machinery and equipment, e.g.: engines, pistons, electric motors, electrical assemblies, valves, gears, roller bearings, is classified in the appropriate class of manufacturing, without regard to the machinery and equipment in which these items may be included. However, making specialized components and accessories by moulding or extruding plastics materials is included in class 2220.

Assembly of the component parts of manufactured products is considered manufacturing. This includes the assembly of manufactured products from either self-produced or purchased components.

The recovery of waste, i.e. such as the processing of waste into secondary raw materials is classified in class 3830 (Materials recovery). While this may involve physical or chemical transformations, this is not considered to be a part of manufacturing. The primary purpose of these activities is considered to be the treatment or processing of waste and they are therefore classified in Section E (Water supply; sewerage, waste management and remediation activities). However, the manufacture of new final products (as opposed to secondary raw materials) is classified in manufacturing, even if these processes use waste as an input. For example, the production of silver from film waste is considered to be a manufacturing process.

Specialized maintenance and repair of industrial, commercial and similar machinery and equipment is, in general, classified in division 33 (Repair, maintenance and installation of machinery and equipment). However, the repair of computers and personal and household goods is classified in division 95 (Repair of computers and personal and household goods), while the repair of motor vehicles is classified in division 45 (Wholesale and retail trade and repair of motor vehicles and motorcycles).

The installation of machinery and equipment, when carried out as a specialized activity, is classified in 3320.

**Remark:** The boundaries of manufacturing and the other sectors of the classification system can be somewhat blurry. As a general rule, the activities in the manufacturing section involve the transformation of materials into new products. Their output is a new product. However, the definition of what constitutes a new product can be somewhat subjective. As clarification, the following activities are considered manufacturing in MSIC: milk pasteurizing and bottling (see 1050), fresh fish processing (oyster shucking, fish filleting), not done on a fishing boat (see 1020), printing and related activities (see 1811, 1812), ready-mixed concrete production (see 2395), leather converting (see 1511), wood preserving (see 1610), electroplating, plating, metal heat treating, and polishing (see 2592), rebuilding or remanufacturing machinery (e.g. automobile engines, see 2910) and tyre retreading (see 2211).

Conversely, there are activities that, although sometimes involving transformation processes, are classified in other sections of MSIC; in other words, they are not classified as manufacturing. They include logging, classified in section A (Agriculture, forestry and fishing); beneficiating of agricultural products, classified in section A (Agriculture, forestry and fishing); beneficiating of ores and other minerals, classified in section B (Mining and quarrying); construction of structures and fabricating operations performed at the site of construction, classified in section F (Construction) and activities of breaking bulk and redistribution in smaller lots, including packaging, repackaging, or bottling products, such as liquors or chemicals; sorting of scrap;

mixing paints to customer order; and cutting metals to customer order, produce a modified version of the same product are classified to section G (Wholesale and retail trade; repair of motor vehicles and motorcycles).



## **DIVISION 10 MANUFACTURE OF FOOD PRODUCTS**

This division includes the processing of the products of agriculture, forestry and fishing into food for humans or animals, and includes the production of various intermediate products that are not directly food products. The activity often generates associated products of greater or lesser value (for example, hides from slaughtering or oilcake from oil production).

This division is organized by activities dealing with different kinds of products: meat, fish, fruit and vegetables, fats and oils, milk products, grain mill products, animal feeds and other food products. Production can be carried out for own account, as well as for third parties, as in custom slaughtering.

Some activities are considered manufacturing (for example, those performed in bakeries, pastry shops, and prepared meat shops, etc. which sell their own production) even though there is retail sale of the products in the producers' own shop. However, where the processing is minimal and does not lead to a real transformation, the unit is classified to Wholesale and retail trade (section G).

Production of animal feeds from slaughter waste or by-products is classified in 1080, while processing food and beverage waste into secondary raw material is classified to 3830, and disposal of food and beverage waste in 3821.

### **GROUP 101 Processing and preserving of meat**

This group includes operation of slaughterhouses engaged in killing, dressing or packing meat: beef, pork, poultry, lamb, rabbit, mutton, camel, etc., production of fresh, chilled or frozen meat, in carcasses, production of fresh, chilled or frozen meat, in cuts, production of fresh, chilled or frozen meat, in individual portions, production of dried, salted or smoked meat and production of meat products such as sausages, salami, puddings, "andouillettes", saveloys, bolognas, pâtés, rillettes, boiled ham. Slaughtering and processing of whales on land or on specialized vessels, production of hides and skins originating from slaughterhouses, including fellmongery, rendering of lard and other edible fats of animal origin, processing of animal offal, production of pulled wool and production of feathers and down also included in this group.

### **GROUP 102 Processing and preserving of fish, crustaceans and molluscs**

This group includes preparation and preservation of fish, crustaceans and molluscs: freezing, deep-freezing, drying, smoking, salting, immersing in brine, canning, etc., production of fish, crustacean and mollusc products: cooked fish,



fish fillets, roes, caviar, caviar substitutes, etc., production of fishmeal for human consumption or animal feed, production of meals and solubles from fish and other aquatic animals unfit for human consumption, activities of vessels engaged only in the processing and preserving of fish and processing of seaweed.

#### **GROUP 103 Processing and preserving of fruits and vegetables**

This group includes manufacture of food consisting chiefly of fruit or vegetables, except ready-made dishes in frozen or canned form, preserving of fruit, nuts or vegetables: freezing, drying, immersing in oil or in vinegar, canning, etc., manufacture of fruit or vegetable food products, manufacture of fruit or vegetable juices, manufacture of jams, marmalades and table jellies, processing and preserving of potatoes. This group also include roasting of nuts, manufacture of nut foods and pastes, industrial peeling of potatoes, production of concentrates from fresh fruits and vegetables, manufacture of perishable prepared foods of fruit and vegetables, such as salads, peeled or cut vegetables and tofu (bean curd).

#### **GROUP 104 Manufacture of vegetable and animal oils and fats**

This group includes the manufacture of crude and refined oils and fats from vegetable or animal materials, except rendering or refining of lard and other edible animal fats. This group includes manufacture of crude vegetable oils: olive oil, soya-bean oil, palm oil, sunflower-seed oil, cotton-seed oil, rape, colza or mustard oil, linseed oil, etc., manufacture of non-defatted flour or meal of oilseeds, oil nuts or oil kernels, manufacture of refined vegetable oils: olive oil, soya-bean oil, etc., processing of vegetable oils: blowing, boiling, dehydration, hydrogenation, etc., manufacture of margarine, manufacture of mélanges and similar spreads, manufacture of compound cooking fats, manufacture of non-edible animal oils and fats, extraction of fish and marine mammal oils and production of cotton linters, oilcakes and other residual products of oil production.

#### **GROUP 105 Manufacture of dairy products**

This group includes manufacture of fresh liquid milk, pasteurized, sterilized, homogenized and/or ultra heat treated, manufacture of milk-based drinks, manufacture of cream from fresh liquid milk, pasteurized, sterilized, homogenized, manufacture of dried or concentrated milk whether or not sweetened, manufacture of milk or cream in solid form, manufacture of butter, manufacture of yoghurt, manufacture of cheese and curd, manufacture of whey, manufacture of casein or lactose and manufacture of ice cream and other edible ice such as sorbet.

#### **GROUP 106 Manufacture of grain mill products, starches and starch products**

This group includes the milling of flour or meal from grains or vegetables, the milling, cleaning and polishing of rice, as well as the manufacture of flour mixes

or dough from these products. Also included in this group are the wet milling of corn and vegetables and the manufacture of starch and starch products.

**GROUP 107    Manufacture of other food products**

This group includes the production of a variety of food products not included in previous groups of this division. This includes the production of bakery products, sugar and confectionery, macaroni noodles and similar products, prepared meals and dishes, coffee, tea and spices as well as perishable and specialty food products.

**GROUP 108    Manufacture of prepared animal feeds**

This group includes manufacture of prepared feeds for pets, including dogs, cats, birds, fish, etc., manufacture of prepared feeds for farm animals, including animal feed concentrated and feed supplements, preparation of unmixed (single) feeds for farm animals and treatment of slaughter waste to produce animal feeds.





**DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS**  
**Group 101 : Processing and preserving of meat**

CLASS	ITEM	DESCRIPTION	MSIC 2000
1010 <sup>(1)</sup>		<b>Processing and preserving of meat</b>	
	10101	Processing and preserving of meat and production of meat products <sup>(2)</sup>	15119p
	10102	Processing and preserving of poultry and poultry products <sup>(3)</sup>	15111p
	10103	Production of hides and skins originating from slaughterhouses <sup>(4)</sup>	15111p, 15119p

- (1) **Excludes:** (a) manufacture of prepared frozen meat and poultry dishes, see 1075  
 (b) manufacture of soup containing meat, see 10799  
 (c) wholesale trade of meat, see 46311  
 (d) packaging of meat, see 8292
- (2) **Includes:** (a) production of fresh, chilled or frozen meat, in carcasses  
 (b) production of fresh, chilled or frozen meat, in cuts  
 (c) production of fresh, chilled or frozen meat, in individual portions  
 (d) production of dried, salted or smoked meat  
 (e) production of meat products (e.g. sausages, salami boiled ham, etc.)  
 (f) rendering of lard and other edible fats of animal origin  
 (g) production of fresh chilled or frozen meat of ostrich and rabbit  
 (h) production of fresh, chilled or frozen edible offal of bovine, sheep, goat and swine  
 (i) production of frozen bovine tongue  
 (j) production of fresh chilled or frozen offal of ostrich and rabbit
- (3) **Includes:** (a) production of fresh, chilled or frozen poultry, in carcasses  
 (b) production of fresh, chilled or frozen poultry, in cuts  
 (c) production of fresh, chilled or frozen poultry, in individual portions  
 (d) production of dried, salted or smoked poultry  
 (e) production of poultry products (e.g. sausages, etc.)  
 (f) production of fresh, chilled or frozen meat quail  
 (g) production of fresh, chilled or frozen offal of chicken, duck, geese and turkey
- (4) **Includes:** (a) fellmongery  
 (b) production of bone  
 (c) production of pulled wool  
 (d) production of feathers or down

DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS  
Group 101 : Processing and preserving of meat



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CLASS	ITEM	DESCRIPTION	MSIC 2000
	10104	Operation of slaughterhouses engaged in killing, dressing or packing meat <sup>(1)</sup>	15111p, 15119p
	10109	Processing and preserving of meat n.e.c. <sup>(2)</sup>	15119p

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(1) **Includes:** beef, poultry, lamb, mutton, pork, etc.

(2) **Includes:** processing of whales on land or specialized vessels



**DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS**  
**Group 102 : Processing and preserving of fish, crustaceans and molluscs**

CLASS	ITEM	DESCRIPTION	MSIC 2000
1020 <sup>(1)</sup>		<b>Processing and preserving of fish, crustaceans and molluscs</b>	
	10201	Canning of fish, crustaceans and molluscs	15120p
	10202	Processing, curing and preserving of fish, crustacean and molluscs <sup>(2)</sup>	15120p
	10203	Production of fish meals for human consumption or animal feed <sup>(3)</sup>	15120p
	10204	Production of <i>keropok</i> including <i>keropok lekar</i> <sup>(4)</sup>	15120p, 15497p
	10205	Processing of seaweed	05001p

- (1) **Excludes:** (a) processing of whales on land or specialized vessels, see 10109  
 (b) production of oils and fats from marine material, see 10407  
 (c) manufacture of prepared frozen fish dishes, see 1075  
 (d) manufacture of fish soups, see 10799
- (2) **Includes:** (a) cooked fish, fish fillet, roes, caviar, caviar substitutes, etc.  
 (b) fish ball, fish cake  
 (c) deep-freezing, drying, smoking, salting, immersing in brine, canning, etc.  
 (d) activities of vessels engaged only in the processing and preserving of fish
- (3) **Includes:** (a) production of meals and solubles from fish and other aquatic animals unfit for human consumption  
 (b) production of fish meals for human consumption or animal feed
- (4) **Includes:** *keropok* of fish, shrimps, squids, crabs, etc.

**DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS**  
**Group 103 : Processing and preserving of fruits and vegetables**



CLASS	ITEM	DESCRIPTION	MSIC 2000
1030 <sup>(1)</sup>		<b>Processing and preserving of fruits and vegetables</b>	
	10301	Manufacture of fruit and vegetable food products <sup>(2)</sup>	15139p
	10302	Manufacture of fruit and vegetable juices <sup>(3)</sup>	15139p
	10303	Pineapple canning <sup>(4)</sup>	15131
	10304	Manufacture of jams, marmalades and table jellies <sup>(5)</sup>	15139p
	10305	Manufacture of nuts and nut products <sup>(6)</sup>	15495
	10306	Manufacture of bean curd products <sup>(7)</sup>	15149p

- (1) **Includes:** dehydration by artificial means
- Excludes:** (a) manufacture of flour or meal of dried leguminous vegetables, see 10613  
(b) preservation of fruit and nuts in sugar, see 10732  
(c) manufacture of prepared frozen vegetable dishes, see 1075  
(d) manufacture of artificial concentrates, see 10799
- (2) **Includes:** (a) manufacture of food consisting chiefly of fruit, except ready-made dishes in frozen or canned form  
(b) preserving of fruit (e.g. freezing, drying, immersing in oil or in vinegar, canning, etc.)  
(c) manufacture of food consisting chiefly of vegetables except ready-made dishes in frozen or canned form  
(d) preserving of vegetables (e.g. freezing, drying, immersing in oil or in vinegar, canning, etc.)  
(e) manufacture of frozen potatoes, *kerepek*, potato chips from vegetables (uncooked)  
(f) manufacture of perishable prepared food and vegetables (e.g. salads, peeled or cut vegetables)  
(g) manufacture of dehydrated mashed potatoes and frozen potatoes
- (3) **Includes:** production of concentrates from fresh fruits and vegetables except pineapples
- (4) **Includes:** canning of pineapple juice and jam
- (5) **Excludes:** jams, marmalades and table jellies made from pineapple, see 10303
- (6) **Includes:** (a) roasting of nuts  
(b) manufacture of nut foods and pastes
- (7) **Includes:** manufacture of *tofu* and *fucuk*



**DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS**  
**Group 104 : Manufacture of vegetable and animal oils and fats**

CLASS	ITEM	DESCRIPTION	MSIC 2000
1040 <sup>(1)</sup>		<b>Manufacture of vegetable and animal oils and fats</b>	
	10401	Manufacture of crude palm oil	15142
	10402	Manufacture of refined palm oil	15143
	10403	Manufacture of palm kernel oil	15144
	10404	Manufacture of crude and refined vegetable oil <sup>(2)</sup>	15149p
	10405	Manufacture of coconut oil <sup>(3)</sup>	15141
	10406	Manufacture of compound cooking fats <sup>(4)</sup>	15149p
	10407	Manufacture of animal oils and fats <sup>(5)</sup>	15149p

- (1) **Excludes:** (a) rendering and refining of lard and other edible animal fats, see 10101  
 (b) wet corn milling, see 10621  
 (c) production of essential oils, see 20299  
 (d) treatment of oil and fats by chemical processes, see 20299
- (2) **Includes:** (a) manufacture of linseed oil, crude  
 (b) manufacture of refined linseed oil  
 (c) manufacture of refined groundnut oil  
 (d) processing of vegetable oil (e.g. blowing, boiling, dehydration and hydrogenation, etc.)  
 (e) production of cotton linter, oil cake and other residual products of oil production  
 (f) manufacture of non-defatted flour or meal of oil seed, oil nut and oil kernel  
 (g) manufacture of other food vegetable oil n.e.c. (e.g. maize/corn oil, soya oil, sunflower oil)  
 (h) manufacture of other refined vegetable oil n.e.c.
- (3) **Includes:** manufacture of crude and refined coconut, coconut cakes and copra
- (4) **Includes:** (a) manufacture of margarine  
 (b) manufacture of mélanges and similar spreads
- (5) **Includes:** (a) manufacture of fats and oils derived from milk (e.g. ghee, butter oil, anhydrous milk fat, etc.)  
 (b) manufacture of non-edible animal oils and fats  
 (c) extraction of fish and marine mammal oils  
 (d) production of tallow and other edible fats of animals origin  
 (e) rendering of fats of animals origin  
 (f) extraction of oil of animal origin

**DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS**  
**Group 105 : Manufacture of dairy products**



CLASS	ITEM	DESCRIPTION	MSIC 2000
1050 <sup>(1)</sup>		<b>Manufacture of dairy products</b>	
	10501	Manufacture of ice cream and other edible ice such as sorbet	15201
	10502	Manufacture of condensed, powdered and evaporated milk <sup>(2)</sup>	15202
	10509	Manufacture of other dairy products n.e.c. <sup>(3)</sup>	15209

- (1) **Excludes:** (a) production of raw milk (cattle), see 0141  
 (b) production of raw milk (camels, etc.), see 0143  
 (c) production of raw milk (e.g. sheep, goats, horses, asses, etc.), see 0144  
 (d) manufacture of non-dairy milk and cheese substitutes, see 10799  
 (e) activities of ice cream parlours, see 56104
- (2) **Includes:** (a) manufacture of fresh liquid milk, pasteurized, sterilized, homogenized and/or ultra heat treated  
 (b) manufacture of cream from fresh liquid milk, pasteurized, sterilized, homogenized  
 (c) manufacture of dried or concentrated milk whether or not sweetened  
 (d) manufacture of infant formula milk
- (3) **Includes:** (a) manufacture of milk-based soft drinks  
 (b) manufacture of milk or cream in solid form  
 (c) manufacture of yoghurt  
 (d) manufacture of casein or lactose  
 (e) manufacture of cheese and cheese products  
 (f) manufacture of butter  
 (g) manufacture of follow up milk and other follow up foods



**DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS**  
**Group 106 : Manufacture of grain mill products, starches and starch products**

CLASS	ITEM	DESCRIPTION	MSIC 2000
1061 <sup>(1)</sup>		<b>Manufacture of grain mill products</b>	
	10611	Rice milling <sup>(2)</sup>	15311
	10612	Provision of milling services	15319p
	10613	Flour milling <sup>(3)</sup>	15312
	10619	Manufacture of grain mill products n.e.c. <sup>(4)</sup>	15319
1062 <sup>(5)</sup>		<b>Manufacture of starches and starch products</b>	
	10621	Manufacture of starches and starch products <sup>(6)</sup>	15321, 15322p 15323p, 15329
	10622	Manufacture of glucose, glucose syrup, maltose, inulin	15322p
	10623	Manufacture of sago and tapioca flour/products	15323

- (1) **Excludes:** wet corn milling, see 10621
- (2) **Includes:** production of husked, milled, polished, glazed, parboiled or converted rice
- (3) **Includes:** (a) production of flour or meal of dried leguminous vegetable, of roots or tubers or of edible nuts  
 (b) production of rice flour  
 (c) milling to produce rice flour, soya bean flour, wheat flour, gram flour and the like  
 (d) manufacture of roots (e.g. potatoes), potato flour and meal, etc.
- (4) **Includes:** (a) manufacture of cereal breakfast foods  
 (b) manufacture of flour mixes and prepared blended flour and dough or bread, cakes, biscuits or pancakes
- (5) **Excludes:** (a) manufacture of lactose (milk sugar), see 10509  
 (b) production of cane or beet sugar, see 1072
- (6) **Includes:** (a) manufacture of starches from rice, potatoes, maize, etc.  
 (b) wet corn milling  
 (c) manufacture of gluten  
 (d) manufacture of tapioca and tapioca substitute prepared from starch

**DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS**  
**Group 107 : Manufacture of other food products**



CLASS	ITEM	DESCRIPTION	MSIC 2000
1071 <sup>(1)</sup>		<b>Manufacture of bakery products</b>	
	10711	Manufacture of biscuits and cookies <sup>(2)</sup>	15411
	10712	Manufacture of bread, cakes and other bakery products <sup>(3)</sup>	15412
	10713	Manufacture of snack products <sup>(4)</sup>	15497p
	10714	Manufacture of frozen bakery products <sup>(5)</sup>	15412p
1072 <sup>(6)</sup>		<b>Manufacture of sugar</b>	
	10721	Manufacture of sugar	15420p
	10722	Manufacture of sugar products <sup>(7)</sup>	15420p

- (1) **Excludes:** (a) manufacture of farinaceous products (pastas), see 10742  
(b) heating up of bakery items for immediate consumption, see division 56
- (2) **Includes:** manufacture of rusks
- (3) **Includes:** (a) manufacture of bread and rolls  
(b) manufacture of fresh pastry, pies, tarts, production of egg-based dessert (e.g. egg custard), etc.  
(c) manufacture of preserved pastry goods, etc.  
(d) manufacture of dry and other bakery products n.e.c.
- (4) **Includes:** crackers, pretzels, potato snacks, potato crisps, etc., whether sweet or salted
- (5) **Includes:** pancakes, waffles, rolls, *roti canai*, *martabak*, etc.
- (6) **Includes:** (a) manufacture of refining of sugar (sucrose) and sugar substitutes from juice of cane, beet, maple and palm  
(b) manufacture of sugar syrups  
(c) manufacture of molasses
- Excludes:** manufacture of glucose, glucose syrup, maltose, inulin, see 10622
- (7) **Includes:** *gula melaka*, *gula enau*, etc.



**DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS**  
**Group 107 : Manufacture of other food products**

CLASS	ITEM	DESCRIPTION	MSIC 2000
1073 <sup>(1)</sup>		<b>Manufacture of cocoa, chocolate and sugar confectionery</b>	
	10731	Manufacture of cocoa products <sup>(2)</sup>	15431
	10732	Manufacture of chocolate and chocolate products <sup>(3)</sup>	15432
	10733	Manufacture of sugar confectionery <sup>(4)</sup>	15432p
1074 <sup>(5)</sup>		<b>Manufacture of macaroni, noodles, couscous and similar farinaceous products</b>	
	10741	Manufacture of <i>meehoon</i> , noodles and other related products <sup>(6)</sup>	15440p
	10742	Manufacture of pastas <sup>(7)</sup>	15440p

- (1) **Excludes:** manufacture of sucrose sugar, see 1072
- (2) **Includes:** manufacture of cocoa mass, cocoa butter/oil/fat, cocoa cake, cocoa powder
- (3) **Includes:** (a) manufacture of chocolate and chocolate confectionery  
 (b) manufacture of semi-process cocoa product such as chocolate lock, chocolate chip, chocolate nugget, chocolate rice
- (4) **Includes:** (a) manufacture of caramels, nougats, white chocolate, etc.  
 (b) manufacture of chewing gum  
 (c) manufacture of confectionery lozenges and pastilles
- (5) **Includes:** (a) manufacture of canned or frozen pasta products  
 (b) manufacture of couscous
- Excludes:** (a) manufacture of soup containing pasta, see 10799  
 (b) manufacture of prepared couscous dishes, see 1075
- (6) **Includes:** manufacture of instant noodles, *cendol*, *kuay teow*, vermicelli, transparent vermicelli (laksa), glass noodles
- (7) **Includes:** manufacture of spaghetti, macaroni, couscous and similar farinaceous products

**DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS**  
**Group 107 : Manufacture of other food products**



CLASS	ITEM	DESCRIPTION	MSIC 2000
1075 <sup>(1)</sup>		<b>Manufacture of prepared meals and dishes</b>	
	10750	Manufacture of prepared meals and dishes	15111p, 15119p, 15120p, 15499p
1079 <sup>(2)</sup>		<b>Manufacture of other food products n.e.c.</b>	
	10791	Manufacture of coffee <sup>(3)</sup>	15492
	10792	Manufacture of tea <sup>(4)</sup>	15493

- (1) **Includes:**
- (a) manufacture of meat or poultry dishes
  - (b) manufacture of canned stews and vacuum-prepared meals
  - (c) manufacture of other prepared meals (e.g. TV dinners, etc.)
  - (d) manufacture of prepared frozen fish dishes, including fish and chips
  - (e) manufacture of prepared dishes of vegetables
  - (f) manufacture of frozen or otherwise preserved pizza
  - (g) manufacture of prepared couscous dishes
  - (h) manufacturing of perishable prepared foods [e.g. sandwiches, fresh (uncooked) pizza]
- Excludes:**
- (a) manufacture of fresh food or foods with only main ingredient, see division 10
  - (b) wholesale of prepared meals and dishes, see group 463
  - (c) retail sale of prepared meals and dishes in stores, see 4711 and 4721
  - (d) activities of food service contractors, see 56290
- (2) **Excludes:**
- (a) growing of spice crops, see 0128
  - (b) manufacture of inulin, see 10622
  - (c) manufacture of perishable prepared foods of fruit and vegetables (e.g. salads, peeled vegetables, bean curd), see 1030
  - (d) manufacture of frozen pizza, see 1075
  - (e) manufacture of spirits, beer, wine and soft drinks, see division 11
  - (f) preparation of botanical products for pharmaceutical use, see 2100
- (3) **Includes:**
- (a) decaffeinating and roasting of coffee
  - (b) production of coffee products (e.g. ground coffee, soluble coffee, extract and concentrates of coffee)
  - (c) manufacture of coffee substitutes
- (4) **Includes:**
- (a) blending of tea and mate
  - (b) extracts and preparations based on tea or mate



**DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS**  
**Group 107 : Manufacture of other food products**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	10793	Manufacture of sauces and condiments <sup>(1)</sup>	15496
	10794	Manufacture of spices and curry powder <sup>(2)</sup>	15494
	10795	Manufacture of egg products <sup>(3)</sup>	15499p
	10799	Manufacture of other food products n.e.c. <sup>(4)</sup>	15499p, 24290p

- (1) **Includes:**
- (a) mayonnaise, mustard flour and meal, prepared mustard, flavouring extracts
  - (b) manufacture of sauces including flavouring extracts such as monosodium glutamate
  - (c) manufacture of other sauces and condiments, n.e.c.
- (2) **Includes:**
- (a) white and black pepper powder
  - (b) manufacture of herb infusions (e.g. mint, vervain, chamomile, etc.)
  - (c) manufacture of other spices n.e.c.
- (3) **Includes:**
- (a) manufacture of liquid egg products
  - (b) manufacture of frozen egg products
  - (c) manufacture of dried, heat coagulated egg products
  - (d) production of salted-cured egg
  - (e) production of alkaline treated eggs
  - (f) production of canned egg
  - (g) manufacture of egg albumin
- (4) **Includes:**
- (a) manufacture of vinegar
  - (b) manufacture of artificial honey and caramel
  - (c) manufacture of yeast
  - (d) manufacture of extracts and juices of meat, fish, crustaceans or molluscs
  - (e) manufacture of non-dairy milk (soya) and cheese substitutes
  - (f) manufacture of baby foods
  - (g) manufacture of soups and broths, canned or packets
  - (h) processing of salt into food-grade salt (e.g. iodized salt)
  - (i) manufacture of artificial concentrates
  - (j) foods containing homogenized ingredients

DIVISION 10 : MANUFACTURE OF FOOD PRODUCTS  
 Group 108 : Manufacture of prepared animal feeds



CLASS	ITEM	DESCRIPTION	MSIC 2000
1080 <sup>(1)</sup>		Manufacture of prepared animal feeds	
	10800	Manufacture of prepared animal feeds	15330

- (1) **Includes:**
- (a) manufacture of prepared feeds for pets (e.g. dogs, cats, birds, fish, etc.)
  - (b) manufacture of prepared feeds for farm animals, including animal feed concentrated and feed supplements
  - (c) preparation of unmixed (single) feeds for farm animals
  - (d) treatment of slaughter waste to produce animals feeds
- Excludes:**
- (a) production of fishmeal for animal feed, see 10203
  - (b) production of oilseed cake, see 10404
  - (c) activities resulting in by products usable as animal feed without special treatment, e.g. oilseeds (see 1040), grain milling residues (see 10619), etc.

**DIVISION 11 MANUFACTURE OF BEVERAGES**

This division includes the manufacture of beverages, such as non-alcoholic beverages and mineral water, manufacture of alcoholic beverages mainly through fermentation, beer and wine and the manufacture of distilled alcoholic beverages.

This division excludes the production of fruit and vegetable juices (see class 1030), the manufacture of milk-based drinks (see class 1050) and the manufacture of coffee, tea and maté products (see class 1079).

**GROUP 110 Manufacture of beverages**

This group includes distilling, rectifying and blending of spirits, manufacture of wines; manufacture of malt liquors and malt, manufacture of soft drinks; production of mineral water and bottled water.

**DIVISION 11 : MANUFACTURE OF BEVERAGES**  
**Group 110 : Manufacture of beverages**



CLASS	ITEM	DESCRIPTION	MSIC 2000
1101 <sup>(1)</sup>		<b>Distilling, rectifying and blending of spirits</b>	
	11010	Distilling, rectifying and blending of spirits	15510
1102 <sup>(2)</sup>		<b>Manufacture of wines</b>	
	11020	Manufacture of wines	15520
1103 <sup>(3)</sup>		<b>Manufacture of malt liquors and malt</b>	
	11030	Manufacture of malt liquors and malt	15530

- (1) **Includes:** (a) manufacture of distilled, potable, alcoholic beverages (e.g. whisky, brandy, gin, liqueurs, "mixed drinks", etc.)  
 (b) blending of distilled spirits  
 (c) production of neutral spirits
- Excludes:** (a) manufacture of non-distilled alcoholic beverages, see 1102, 1103  
 (b) manufacture of ethyl alcohol, see 20112  
 (c) merely bottling and labelling, see group 463 (if performed as part of wholesale) and 8292 (if performed on a fee or contract basis)
- (2) **Includes:** (a) manufacture of sparkling wine  
 (b) manufacture of fermented but not distilled alcoholic beverages (e.g. perry, cider, mead or sake, rice wine and toddy)  
 (c) manufacture of low or non-alcoholic wine  
 (d) blending of wine
- Excludes:** (a) manufacture of vinegar, see 10799  
 (b) merely bottling and labelling, see 4630 (if performed as part of wholesale) and 8292 (if performed on a fee or contract basis)
- (3) **Includes:** (a) manufacture of malt liquors (e.g. beer, ale, porter and stout)  
 (b) manufacture of malt  
 (c) manufacture of low alcohol or non-alcoholic beer



**DIVISION 11 : MANUFACTURE OF BEVERAGES**  
**Group 110 : Manufacture of beverages**

CLASS	ITEM	DESCRIPTION	MSIC 2000
1104 <sup>(1)</sup>		<b>Manufacture of soft drinks; production of mineral waters and other bottled waters</b>	
	11041	Manufacture of soft drinks <sup>(2)</sup>	15541
	11042	Production of natural mineral water and other bottled water	15542

- (1) **Excludes:**
- (a) production of fruit and vegetable juice, see 10302
  - (b) manufacture of milk-based drinks, see 10509
  - (c) manufacture of coffee, tea and maté products, see 1079
  - (d) manufacture of alcohol-based drinks, see 1101, 1102, 1103
  - (e) manufacture of non-alcoholic wine, see 1102
  - (f) manufacture of non-alcoholic beer, see 1103
  - (g) merely bottling and labelling, see group 463 (if performed as part of wholesale) and 8292 (if performed on a fee or contract basis)
- (2) **Includes:**
- (a) manufacture of non-alcoholic beverages, except non-alcoholic beer and wine
  - (b) manufacture of soft drinks (non-alcoholic flavoured and/or sweetened waters, e.g. lemonade, orangeade, cola, fruit drinks, tonic waters, etc.)

**DIVISION 12      MANUFACTURE OF TOBACCO PRODUCTS**

This division includes the processing of an agricultural product, tobacco, into a form suitable for final consumption.

**GROUP 120      Manufacture of tobacco products**

This group includes manufacture of tobacco products and products of tobacco substitutes, manufacture of "homogenized" or "reconstituted" tobacco and stemming and redrying of tobacco.



DIVISION 12 : MANUFACTURE OF TOBACCO PRODUCTS  
 Group 120 : Manufacture of tobacco products

CLASS	ITEM	DESCRIPTION	MSIC 2000
1200 <sup>(1)</sup>		Manufacture of tobacco products	
	12000	Manufacture of tobacco products	16000

- (1) **Includes:**
- (a) manufacture of tobacco products and products of tobacco substitutes such as cigarettes, cigarettes tobacco, cigars, chewing tobacco, etc.
  - (b) manufacture of "homogenized" or "reconstituted" tobacco
  - (c) stemming and redrying of tobacco

**Excludes:** growing or preliminary processing of tobacco, see 01150, 01632

**DIVISION 13      MANUFACTURE OF TEXTILES**

This division includes preparation and spinning of textile fibres as well as textile weaving, finishing of textiles and wearing apparel, manufacture of made-up textile articles, except apparel (e.g. household linen, blankets, rugs, cordage, etc.). Growing of natural fibres is covered under division 01, while manufacture of synthetic fibres is a chemical process classified in class 2030. Manufacture of wearing apparel is covered in division 14.

**GROUP 131      Spinning, weaving and finishing of textiles**

This group includes the manufacture of textiles, including preparatory operations, the spinning of textile fibres and the weaving of textiles. This can be done from varying raw materials, such as silk, wool, other animal, vegetable or man-made fibres, paper or glass, etc.

Also included in this group is the finishing of textiles and wearing apparel, i.e.: bleaching, dyeing, dressing and similar activities.

**GROUP 139      Manufacture of other textiles**

This group includes the manufacture of products produced from textiles, except wearing apparel, such as made-up textile articles, carpets and rugs, rope, narrow woven fabrics, trimmings, etc.



**DIVISION 13 : MANUFACTURE OF TEXTILES**  
**Group 131 : Spinning, weaving and finishing of textiles**

CLASS	ITEM	DESCRIPTION	MSIC 2000
1311 <sup>(1)</sup>		<b>Preparation and spinning of textile fibres</b>	
	13110	Preparation and spinning of textile fibres	17111p, 17112p
1312 <sup>(2)</sup>		<b>Weaving of textiles</b>	
	13120	Weaving of textiles	17111p, 17112p

- (1) **Includes:** (a) preparatory operations on textiles fibres  
 (b) spinning and manufacture of yarn or tread for weaving or sewing, for the trade or for further processing  
 (c) manufacture of paper yarn  
 (d) spinning of synthetic or artificial fibres
- Excludes:** (a) preparatory operations carried out in combination with agriculture or farming, see division 01  
 (b) retting of plants bearing vegetable textile fibres (e.g. jute, flax, coir, etc.), see 0116  
 (c) cotton ginning, see 01631  
 (d) manufacture of synthetic or artificial fibres and tows, manufacture of single yarns (including high-tenacity yarn and yarn for carpets) of synthetic or artificial fibres, see 2030  
 (e) manufacture of glass fibres, see 23109
- (2) **Includes:** (a) manufacture of broad woven cotton-type, etc. including from mixtures or artificial or synthetic yarns  
 (b) manufacture of other broad woven fabrics  
 (c) manufacture of imitation furs (long-hair cloth obtained by weaving)
- Excludes:** (a) manufacture of textile floor coverings, see 1393  
 (b) manufacture of non-woven fabrics and felts, see 1399  
 (c) manufacture of narrow fabrics, see 1399  
 (d) manufacture of knitted and crocheted fabrics, see 1391

**DIVISION 13 : MANUFACTURE OF TEXTILES**  
**Group 131 : Spinning, weaving and finishing of textiles**



CLASS	ITEM	DESCRIPTION	MSIC 2000
1313 <sup>(1)</sup>		<b>Finishing of textiles</b>	
	13131	Batik making <sup>(2)</sup>	17122
	13132	Dyeing, bleaching, printing and finishing of yarns and fabrics <sup>(3)</sup>	17121
	13139	Other finishing of textiles <sup>(4)</sup>	17210p

- (1) **Excludes:** manufacture of textile fabric impregnated, coated, covered or laminated with rubber, where rubber is the chief constituent, see 22191
- (2) **Includes:** silk screen printing on textiles and wearing apparel
- (3) **Includes:** (a) bleaching and dyeing of textiles fibres, yarns, fabrics and textile articles, including wearing apparel  
 (b) bleaching of jeans
- (4) **Includes:** (a) dressing, drying, steaming, shrinking, mending, sanforizing, mercerizing of textiles and textile articles, including wearing apparel  
 (b) pleating and similar work on textiles  
 (c) waterproofing, coating, rubberizing or impregnating purchased garments



**DIVISION 13 : MANUFACTURE OF TEXTILES**  
**Group 139 : Manufacture of other textiles**

CLASS	ITEM	DESCRIPTION	MSIC 2000
1391 <sup>(1)</sup>		<b>Manufacture of knitted and crocheted fabrics</b>	
	13910	Manufacture of knitted and crocheted fabrics	17300p
1392 <sup>(2)</sup>		<b>Manufacture of made-up textile articles, except apparel</b>	
	13921	Manufacture of made-up articles of any textile materials, including of knitted or crocheted fabrics <sup>(3)</sup>	17210p
	13922	Manufacture of made-up furnishing articles <sup>(4)</sup>	17210p

- (1) **Includes:** manufacture of imitation fur by knitting
- Excludes:** (a) manufacture of net and window furnishing type fabrics of lace knitted on Raschel or similar machines, see 1399  
(b) manufacture of knitted and crocheted apparel, see 14300
- (2) **Excludes:** manufacture of textile articles for technical use, see 1399
- (3) **Includes:** (a) manufacture of blankets, including travelling rugs  
(b) manufacture of bed, table, toilet or kitchen linen  
(c) manufacture of quilts, eiderdowns, cushions, pouffes, pillows, sleeping bags, etc.
- (4) **Includes:** (a) manufacture of curtains, valances, blinds, bedspreads, furniture or machine covers, etc.  
(b) manufacture of tarpaulins, tents, camping goods, sails, sun blinds, loose covers for cars, machine, furniture, etc.  
(c) manufacture of flags, banners, pennants, etc.  
(d) manufacture of dust cloths, dishcloths and similar articles, life jackets, parachutes, etc.  
(e) manufacture of other made-up furnishing articles n.e.c.

**DIVISION 13 : MANUFACTURE OF TEXTILES**  
**Group 139 : Manufacture of other textiles**



CLASS	ITEM	DESCRIPTION	MSIC 2000
1393 <sup>(1)</sup>		<b>Manufacture of carpets and rugs</b>	
	13930	Manufacture of carpets and rugs	17220
1394 <sup>(2)</sup>		<b>Manufacture of cordage, rope, twine and netting</b>	
	13940	Manufacture of cordage, rope, twine and netting	17230p

- (1) **Includes:** (a) manufacture of needle-loom felt floor coverings  
 (b) manufacture of textile floor coverings  
 (c) manufacture of mats or matting of textiles materials
- Excludes:** (a) manufacture of mats and matting of plaiting materials, see 16292  
 (b) manufacture of floor coverings of cork, see 16292  
 (c) manufacture of resilient floor coverings (e.g. vinyl, linoleum), see 22209
- (2) **Includes:** (a) manufacture of twine, cordage, rope and cables of textiles fibres, knotted netting of twine, cordage or rope  
 (b) manufacture of products of rope or netting (e.g. fishing nets, ships' fenders, unloading cushions, loading slings, rope or cable fitted with metal rings, etc.)
- Excludes:** (a) manufacture of hair nets, see 14109  
 (b) manufacture of wire rope, see 25992



**DIVISION 13 : MANUFACTURE OF TEXTILES**  
**Group 139 : Manufacture of other textiles**

CLASS	ITEM	DESCRIPTION	MSIC 2000
1399 <sup>(1)</sup>		<b>Manufacture of other textiles n.e.c.</b>	
	13990	Manufacture of other textiles n.e.c.	17291, 17299

- (1) **Includes:**
- (a) manufacture of narrow woven fabrics, including fabrics consisting of warp without weft assembled by means of an adhesive
  - (b) manufacture of labels, badges, etc.
  - (c) manufacture of ornamental trimmings (e.g. braids, tassels, pompons, etc.)
  - (d) manufacture of felt
  - (e) manufacture of non-woven fabrics
  - (f) manufacture of tulles and other net fabrics, and of lace and embroidery, in the piece, in strips or in motifs
  - (g) manufacture of fabrics, impregnated, coated, covered or laminated with plastics
  - (h) manufacture of metallized yarn or gimped yarn or gimped yarn, rubber thread and cord covered with textile material, textiles yarn or strip covered, impregnated, coated or sheathed with rubber or plastics
  - (i) manufacture of tyre cord fabric of high-tenacity man-made yarn
  - (j) manufacture of other treated or coated fabrics (e.g. tracing cloth, canvas prepared for use by painters, buckram and similar stiffened textile fabrics, fabrics coated with gum or amylaceous substances)
  - (k) manufacture of diverse textile articles (e.g. textile wicks, incandescent gas mantles and tubular gas, lighter wicks)
  - (l) mantle fabric, hose piping, transmission or conveyor belts or belting, bolting cloth, straining cloth
  - (m) automotive trimmings
  - (n) manufacture of pressure sensitive cloth-tape
  - (o) artists canvas boards and tracing cloth
  - (p) manufacture of shoe-lace, of textiles
  - (q) manufacture of powder puffs and mitts
  - (r) handicraft spinning and weaving
- Excludes:**
- (a) manufacture of needle-loom felt floor coverings, see 1393
  - (b) manufacture of textile wadding and articles of wadding (e.g. sanitary towels, tampons, etc.), see 17092
  - (c) manufacture of transmission or conveyor belts of textile fabric, yarn or cord impregnated, coated, covered or laminated with rubber, where rubber is the chief constituent, see 22191
  - (d) manufacture of plates or sheets of cellular rubber or plastic combined with textiles for reinforcing purposes only, see 2219, 2220
  - (e) manufacture of cloth of woven metal wire, see 25992

**DIVISION 14 MANUFACTURE OF WEARING APPAREL**

This division includes all tailoring (ready-to-wear or made-to-measure), in all materials (e.g. leather, fabric, knitted and crocheted fabrics, etc.), of all items of clothing (e.g. outerwear, underwear for men, women or children; work, city or casual clothing, etc.) and accessories. There is no distinction made between clothing for adults and clothing for children, or between modern and traditional clothing. Division 14 also includes the fur industry (fur skins and wearing apparel).

**GROUP 141 Manufacture of wearing apparel, except fur apparel**

This group includes the manufacture of wearing apparel. The material used may be of any kind (see below for exceptions) and may be coated, impregnated or rubberized.

**GROUP 142 Manufacture of articles of fur**

This group includes manufacture of articles made of fur skins such as fur wearing apparel and clothing accessories, assemblies of fur skins such as "dropped" fur skins, plates, mats, strips, etc. and diverse articles of fur skins: rugs, unstuffed pouffes, industrial polishing cloths.

**GROUP 143 Manufacture of knitted and crocheted apparel**

This group includes manufacture of knitted or crocheted wearing apparel and other made-up articles directly into shape: pullovers, cardigans, jerseys, waistcoats and similar articles and manufacture of hosiery, including socks, tights and pantyhose.



**DIVISION 14 : MANUFACTURE OF WEARING APPAREL**  
**Group 141 : Manufacture of wearing apparel, except fur apparel**

CLASS	ITEM	DESCRIPTION	MSIC 2000
1410 <sup>(1)</sup>		<b>Manufacture of wearing apparel, except fur apparel</b>	
	14101	Manufacture of specific wearing apparel <sup>(2)</sup>	18101p, 18102p, 18109p
	14102	Manufacture of clothings <sup>(3)</sup>	18101p
	14103	Custom tailoring	18102p
	14109	Manufacture of other clothing accessories <sup>(4)</sup>	18109p

- (1) **Excludes:** (a) manufacture of wearing apparel of fur skins (except headgear), see 1420  
 (b) manufacture of footwear, see 1520  
 (c) manufacture of wearing apparel of rubber or plastics not assembled by stitching but merely sealed together, see 2219, 2221  
 (d) manufacture of leather sports gloves and sports headgear, see 3230  
 (e) manufacture of safety headgear (except sports headgear), see 32909  
 (f) manufacture of fire-resistant and protective safety clothing, see 32909  
 (g) repair of wearing apparel, see 95292
- (2) **Includes:** (a) wearing apparel made of leather or composition leather including leather industrial work accessories as welder's leather aprons  
 (b) manufacture of work wear and service apparel (e.g. laboratory coats, surgical gown, work overalls, uniform)  
 (c) manufacture of school uniforms, etc.  
 (d) manufacture of apparel of elastic fabrics
- (3) **Includes:** (a) manufacture of other outerwear made of woven, knitted or crocheted fabric, non-woven, etc. for men, women and children  
 (b) manufacture of underwear and nightwear made of woven, knitted or crocheted fabric, lace, etc. for men, women and children  
 (c) manufacture of babies garments, tracksuits, ski suits, swimwear, etc.  
 (d) contract manufacturing of clothing  
 (e) manufacture of elastic fabrics cloth
- (4) **Includes:** (a) manufacture of hats and caps  
 (b) manufacture of gloves, belts, shawls, ties, cravats, hairnets, etc.  
 (c) manufacture of headgear of fur skins  
 (d) manufacture of footwear of textile material without applied soles  
 (e) manufacture of parts of the products listed  
 (f) manufacture of apparel trimmed with fur

**DIVISION 14 : MANUFACTURE OF WEARING APPAREL**  
**Group 142 : Manufacture of articles of fur**



CLASS	ITEM	DESCRIPTION	MSIC 2000
1420 <sup>(1)</sup>		Manufacture of articles of fur	
	14200	Manufacture of articles made of fur skins	18200p

- (1) **Includes:**
- (a) fur wearing apparel and clothing accessories
  - (b) diverse articles of fur skin (e.g. rugs, unstuffed pouffes, industrial polishing cloths)
  - (c) assemblies of fur skins (e.g. dropped fur skins, plates, mats, etc.)
- Excludes:**
- (a) production of raw fur skins, see 0149, 0170
  - (b) production of raw hides and skins, see 10103
  - (c) manufacture of imitation furs (long-hair cloth obtained by weaving or knitting), see 1312, 1391
  - (d) manufacture of fur hats, see 14109
  - (e) manufacture of apparel trimmed with fur, see 14109
  - (f) dressing and dyeing of fur, see 15110
  - (g) manufacture of boots or shoes containing fur parts, see 15209



DIVISION 14 : MANUFACTURE OF WEARING APPAREL  
 Group 143 : Manufacture of knitted and crocheted apparel

CLASS	ITEM	DESCRIPTION	MSIC 2000
1430 <sup>(1)</sup>		<b>Manufacture of knitted and crocheted apparel</b>	
	14300	Manufacture of knitted and crocheted apparel	17300p

- (1) **Includes:**
- (a) manufacture of knitted or crocheted wearing apparel and other made-up articles directly into shape (e.g. pullovers, cardigans, jerseys, waistcoats and similar articles)
  - (b) manufacture of hosiery, including socks, tights and pantyhose

**Excludes:** manufacture of knitted and crocheted fabrics, see 13910

**DIVISION 15      MANUFACTURE OF LEATHER AND RELATED PRODUCTS**

This division includes dressing and dyeing of fur and the transformation of hides into leather by tanning or curing and fabricating the leather into products for final consumption. It also includes the manufacture of similar products from other materials (imitation leathers or leather substitutes), such as rubber footwear, textile luggage, etc. The products made from leather substitutes are included here, since they are made in ways similar to those in which leather products are made (e.g. luggage) and are often produced in the same unit.

**GROUP 151    Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur**

This group includes the manufacture of leather and fur and products thereof.

**GROUP 152    Manufacture of footwear**

This group includes manufacture of footwear for all purposes, of any material, by any process, including moulding; manufacture of leather parts of footwear: manufacture of uppers and parts of uppers, outer and inner soles, heels, etc. and manufacture of gaiters, leggings and similar articles.



**DIVISION 15 : MANUFACTURE OF LEATHER AND RELATED PRODUCTS**  
**Group 151 : Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur**

CLASS	ITEM	DESCRIPTION	MSIC 2000
1511 <sup>(1)</sup>		<b>Tanning and dressing of leather; dressing and dyeing of fur</b>	
	15110	Tanning and dressing of leather; dressing and dyeing of fur	19110, 18200p
1512 <sup>(2)</sup>		<b>Manufacture of luggage, handbags and the like, saddlery and harness</b>	
	15120	Manufacture of luggage, handbags and the like, saddlery and harness	19120

- (1) **Includes:** (a) tanning, dyeing and dressing of hides and skins, etc.  
 (b) scraping, currying, tanning, bleaching, shearing and plucking and dyeing of fur skins and hides with the hair on
- Excludes:** (a) production of hides and skins as part of ranching, see group 014  
 (b) production of hides and skins as part of slaughtering, see 10103  
 (c) manufacture of leather apparel, see 1410  
 (d) manufacture of imitation leather not based on natural leather, see 2219, 2220
- (2) **Includes:** (a) manufacture of luggage, handbags and the like of leather, composition leather or any other materials where the same technology is used as for leather  
 (b) manufacture of non-metallic watch straps (e.g. fabric, leather, plastic, etc.)  
 (c) manufacture of diverse articles of leather or composition leather (e.g. driving belts, packing, etc.)  
 (d) manufacture of plastic luggage  
 (e) manufacture of saddlery and harness  
 (f) manufacture of whips and riding crops
- Excludes:** (a) manufacture of leather wearing apparel, see 14101  
 (b) manufacture of leather gloves and hats, see 14109  
 (c) manufacture of footwear, see 1520  
 (d) manufacture of saddles for bicycles, see 3092  
 (e) manufacture of precious metal watch bands, see 3211  
 (f) manufacture of non-precious metal watch bands, see 3212  
 (g) manufacture of linemen's safety belts and other belts for occupational use, see 32909

**DIVISION 15 : MANUFACTURE OF LEATHER AND RELATED PRODUCTS**  
**Group 152 : Manufacture of footwear**



CLASS	ITEM	DESCRIPTION	MSIC 2000
1520 <sup>(1)</sup>		<b>Manufacture of footwear</b>	
	15201	Manufacture of leather footwear <sup>(2)</sup>	19200p
	15202	Manufacture of plastic footwear	19200p
	15203	Manufacture of rubber footwear	19200p
	15209	Manufacture of other footwear n.e.c. <sup>(3)</sup>	19200p

- (1) **Includes:** (a) manufacture of footwear for all purposes, of any materials including moulding  
 (b) manufacture of gaiters, leggings and similar articles
- Excludes:** (a) manufacture of footwear of textile material without applied soles, see 14109  
 (b) manufacture of plastic footwear parts, see 22202  
 (c) manufacture of rubber boot and shoe heels and soles and other rubber footwear parts, see 22191  
 (d) manufacture of wooden shoe parts (e.g. heels and lasts), see 16292  
 (e) manufacture of ski-boots, see 3230
- (2) **Includes:** manufacture of leather parts of footwear (e.g. uppers and parts of upper, outer and inner soles, heels, etc.)
- (3) **Includes:** (a) manufacture of boots or shoes containing fur parts  
 (b) manufacture of wooden footwear



**DIVISION 16 MANUFACTURE OF WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE; MANUFACTURE OF ARTICLES OF STRAW AND PLAITING MATERIALS**

This division includes the manufacture of wood products, such as lumber, plywood, veneers, wood containers, wood flooring, wood trusses, and prefabricated wood buildings. The production processes include sawing, planning, shaping, laminating, and assembling of wood products starting from logs that are cut into bolts, or lumber that may then be cut further, or shaped by lathes or other shaping tools. The lumber or other transformed wood shapes may also be subsequently planed or smoothed, and assembled into finished products, such as wood containers. With the exception of sawmilling, this division is subdivided mainly based on the specific products manufactured.

This division excludes the manufacture of furniture (3100) or the installation of wooden fittings and the like (4330).

**GROUP 161 Sawmilling and planning of wood**

This group includes sawing, planning and machining of wood, slicing, peeling or chipping logs, manufacture of wooden railway sleepers, manufacture of unassembled wooden flooring, manufacture of wood wool, wood flour, chips, particles, drying of wood and impregnation or chemical treatment of wood with preservatives or other materials.

**GROUP 162 Manufacture of products of wood, cork, straw and plaiting materials**

This group includes the manufacture of products of wood, cork, straw or plaiting materials, including basic shapes as well as assembled products.

**DIVISION 16 : MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE; MANUFACTURE OF ARTICLES OF STRAW AND PLAITING MATERIALS**

**Group 161 : Sawmilling and planning of wood**



CLASS	ITEM	DESCRIPTION	MSIC 2000
1610 <sup>(1)</sup>		<b>Sawmilling and planning of wood</b>	
	16100	Sawmilling and planning of wood	20100

- (1) **Includes:**
- (a) sawmilling, planning, machining, drying of wood
  - (b) manufacture of unassembled wooden flooring
  - (c) impregnation or chemical treatment of wood with preservatives or other materials
  - (d) manufacture of wooden railway sleepers
  - (e) manufacture of wood wool, wood flour, chips, particles

- Excludes:**
- (a) logging and production of wood in the rough, see 0220
  - (b) manufacture of veneer sheets thin enough for use in plywood, boards and panels, see 16211
  - (c) manufacture of shingles and shakes, beadings and mouldings, see 16221



**DIVISION 16 : MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE; MANUFACTURE OF ARTICLES OF STRAW AND PLAITING MATERIALS**

**Group 162 : Manufacture of products of wood, cork, straw and plaiting materials**

CLASS	ITEM	DESCRIPTION	MSIC 2000
1621		<b>Manufacture of veneer sheets and wood-based panels</b>	
	16211	Manufacture of veneer sheets and plywood <sup>(1)</sup>	20211, 20212p
	16212	Manufacture of particle board and fibreboard	20212p
1622 <sup>(2)</sup>		<b>Manufacture of builders' carpentry and joinery</b>	
	16221	Manufacture of builders' carpentry <sup>(3)</sup>	20220p
	16222	Manufacture of joinery wood products <sup>(4)</sup>	20220p
1623 <sup>(5)</sup>		<b>Manufacture of wooden containers</b>	

- (1) **Includes:**
- (a) manufacture of veneer sheets thin enough to be used for veneering, making plywood or other purpose
  - (b) manufacture of plywood, veneer panels and similar laminated wood boards and sheets
  - (c) manufacture of glue laminated wood, laminated veneer wood
  - (d) manufacture of densified wood
- (2) **Excludes:**
- (a) manufacture of unassembled wooden flooring, see 1610
  - (b) manufacture of kitchen cabinets, bookcases, wardrobes, etc., see 3100
  - (c) manufacture of wood partitions, free standing, see 3100
- (3) **Includes:**
- (a) manufacture of wooden goods intended to be used primarily in the construction industry
  - (b) manufacture of prefabricated buildings or elements thereof, predominantly of wood
  - (c) manufacture of mobile homes
  - (d) manufacture of blocks for the manufacture of smoking pipes
  - (e) manufacture of shingles and shakes, beadings and mouldings
- (4) **Includes:** manufacture of wood partitions (except free standing)
- (5) **Includes:**
- (a) manufacture of packing cases, boxes, crates, drums and similar packing of wood
  - (b) manufacture of pallets, box pallets and other boards of wood
  - (c) manufacture of barrels, vats, tubs and other coopers' products of wood
  - (d) manufacture of wooden cable-drums
- Excludes:**
- (a) manufacture of luggage, see 1512
  - (b) manufacture of cases of plaiting material, see 16292

**DIVISION 16 : MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE; MANUFACTURE OF ARTICLES OF STRAW AND PLAITING MATERIALS**

**Group 162 : Manufacture of products of wood, cork, straw and plaiting materials**



CLASS	ITEM	DESCRIPTION	MSIC 2000
	16230	Manufacture of wooden containers	20230p
<b>1629<sup>(1)</sup></b>		<b>Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials</b>	
	16291	Manufacture of wood charcoal	20291
	16292	Manufacture of other products of wood, cane, articles of cork, straw and plaiting materials <sup>(2)</sup>	19200p, 20299, 20230p, 36999p

- (1) **Excludes:**
- (a) manufacture of mats or matting of textile materials, see 1393
  - (b) manufacture of luggage, see 15120
  - (c) manufacture of wooden footwear, see 15209
  - (d) manufacture of matches, see 20299
  - (e) manufacture of clock cases, see 2652
  - (f) manufacture of wooden spools and bobbins that are part of textile machinery, see 2826
  - (g) manufacture of furniture, see 3100
  - (h) manufacture of wooden toys, see 3240
  - (i) manufacture of cork life preservers, see 32909
  - (j) manufacture of brushes and brooms, see 32909
  - (k) manufacture of caskets, see 32909
- (2) **Includes:**
- (a) wooden handles and bodies for tools, brooms, brushes; household utensils and kitchenware of wood; wooden statuettes and ornaments, wood marquetry, inlaid wood; wooden cases of jewellery, cutlery and similar articles; wooden spools, cops, bobbins, sewing thread reels and similar articles of turned wood
  - (b) floor covering, mats, matting, screens, cases, etc.; basket-ware and wickerwork; wooden mirror and picture frames; frames for artists' canvases; wooden shoe parts; handles for umbrellas, canes including manufacture of cane containers and similar, etc.
  - (c) manufacture of cases of plaiting materials

**DIVISION 17 MANUFACTURE OF PAPER AND PAPER PRODUCTS**

This division includes the manufacture of pulp, paper and converted paper products. The manufacture of these products is grouped together because they constitute a series of vertically connected processes. More than one activity is often carried out in a single unit. There are essentially three activities: The manufacture of pulp involves separating the cellulose fibres from other impurities in wood or used paper. The manufacture of paper involves matting these fibres into a sheet. Converted paper products are made from paper and other materials by various cutting and shaping techniques, including coating and laminating activities. The paper articles may be printed (e.g. wallpaper, gift wrap, etc.), as long as the printing of information is not the main purpose.

The production of pulp, paper and paperboard in bulk is included in class 1701, while the remaining classes include the production of further-processed paper and paper products.

**GROUP 170 Manufacture of paper and paper products**

This group includes manufacture of pulp, paper and paperboard; manufacture of corrugated paper and paperboard and of containers of paper and paperboard; manufacture of other articles of paper and paperboard.

**DIVISION 17 : MANUFACTURE OF PAPER AND PAPER PRODUCTS**  
**Group 170 : Manufacture of paper and paper products**



CLASS	ITEM	DESCRIPTION	MSIC 2000
1701 <sup>(1)</sup>		<b>Manufacture of pulp, paper and paperboard</b>	
	17010	Manufacture of pulp, paper and paperboard	21010, 21091

- (1) **Includes:**
- (a) manufacture of newsprint and other printing or writing paper
  - (b) manufacture of carbon paper or stencil paper in rolls or large sheets
  - (c) manufacture of bleached, semi-bleached or unbleached paper pulp by mechanical, chemical (dissolving or non-dissolving or semi-chemical processes)
  - (d) manufacture of cotton-linters pulp
  - (e) removal of ink and manufacture of pulp from waste paper
  - (f) manufacture of paper and paperboard intended for further industrial processing
  - (g) further processing of paper and paperboard:
    - coating, covering and impregnation of paper and paperboard
    - manufacture of créped or crinkled paper
    - manufacture of laminates and foils, if laminated with paper or paperboard
  - (h) manufacture of handmade paper
  - (i) manufacture of cellulose wadding and webs of cellulose fibres
  - (j) manufacture of printing and writing paper ready for use
  - (k) manufacture of computer printout paper ready for use
  - (l) manufacture of self-copy paper ready for use
  - (m) manufacture of duplicator stencils and carbon paper ready for use
- Excludes:**
- (a) manufacture of corrugated paper and paperboard, see 17020
  - (b) manufacture of coated or impregnated paper, where the coating or impregnate is the main ingredient, see class in which the manufacture of the coating or impregnate is classified
  - (c) manufacture of abrasive paper, see 2399



**DIVISION 17 : MANUFACTURE OF PAPER AND PAPER PRODUCTS**  
**Group 170 : Manufacture of paper and paper products**

CLASS	ITEM	DESCRIPTION	MSIC 2000
1702 <sup>(1)</sup>		<b>Manufacture of corrugated paper and paperboard and of containers of paper and paperboard</b>	
	17020	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard	21020

- (1) **Includes:**
- (a) manufacture of corrugated paper and paperboard
  - (b) manufacture of containers of corrugated paper and paperboard
  - (c) manufacture of folding paperboard containers
  - (d) manufacture of containers of solid board
  - (e) manufacture of other containers of paper and paperboard
  - (f) manufacture of sacks and bags of paper
  - (g) manufacture of office box files and similar articles
- Excludes:**
- (a) manufacture of envelopes and letter-card, see 17091
  - (b) manufacture of moulded or pressed articles of paper pulp (e.g. boxes for packing eggs, moulded pulp paper plates, etc.), see 17099

**DIVISION 17 : MANUFACTURE OF PAPER AND PAPER PRODUCTS**  
**Group 170 : Manufacture of paper and paper products**



CLASS	ITEM	DESCRIPTION	MSIC 2000
1709 <sup>(1)</sup>		<b>Manufacture of other articles of paper and paperboard</b>	
	17091	Manufacture of envelopes and letter-card <sup>(2)</sup>	21092
	17092	Manufacture of household and personal hygiene paper <sup>(3)</sup>	21093, 21094, 21095

- (1) **Excludes:** (a) manufacture of paper or paperboard in bulk, see 17010  
 (b) printing on paper products, see 1811  
 (c) manufacture of playing cards, see 3240  
 (d) manufacture of games and toys of paper or paperboard, see 3240
- (2) **Includes:** manufacture of correspondence cards or plain postcards
- (3) **Includes:** (a) manufacture of cleansing tissue  
 (b) manufacture of handkerchiefs, towels and serviettes  
 (c) manufacture of toilet paper  
 (d) manufacture of textile wadding and articles of wadding: sanitary towel and tampons  
 (e) manufacture of napkins and napkins liners for babies  
 (f) manufacture of cups, dishes and tray



**DIVISION 17 : MANUFACTURE OF PAPER AND PAPER PRODUCTS**  
**Group 170 : Manufacture of paper and paper products**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	17093	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper <sup>(1)</sup>	21096
	17094	Manufacture of effigies, funeral paper goods, joss paper	21097
	17099	Manufacture of other articles of paper and paperboard n.e.c. <sup>(2)</sup>	21099

(1) **Includes:** manufacture of label, whether printed or not

(2) **Includes:**

- (a) manufacture of cigarette papers and Chinese lanterns
- (b) manufacture of boxes, pouches, wallets and writing compendiums
- (c) manufacture of filter paper and paperboard
- (d) manufacture of paper novelties
- (e) manufacture of paper and paperboard bobbins (e.g. spools, cops, etc.)
- (f) manufacture of egg trays and other moulded pulp packaging products, etc.
- (g) manufacture of registers, accounting books, binders, albums and similar educational and commercial stationery

**DIVISION 18 PRINTING AND REPRODUCTION OF RECORDED MEDIA**

This division includes printing of products, such as newspapers, books, periodicals, business forms, greeting cards, and other materials, and associated support activities, such as bookbinding, plate-making services, and data imaging. The support activities included here are an integral part of the printing industry, and a product (a printing plate, a bound book, or a computer disk or file) that is an integral part of the printing industry is almost always provided by these operations.

Processes used in printing include a variety of methods for transferring an image from a plate, screen, or computer file to a medium, such as paper, plastics, metal, textile articles, or wood. The most prominent of these methods entails the transfer of the image from a plate or screen to the medium through lithographic, gravure, screen or flexography printing. Often a computer file is used to directly "drive" the printing mechanism to create the image or electrostatic and other types of equipment (digital or non-impact printing).

Though printing and publishing can be carried out by the same unit (a newspaper, for example), it is less and less the case that these distinct activities are carried out in the same physical location.

This division also includes the reproduction of recorded media, such as compact discs, video recordings, software on discs or tapes, records, etc.

This division excludes publishing activities (see section J).

**GROUP 181 Printing and service activities related to printing**

This group includes printing of products, such as newspapers, books, periodicals, business forms, greeting cards, and other materials, and associated support activities, such as bookbinding, plate-making services, and data imaging. Printing can be done using various techniques and on different materials.

**GROUP 182 Reproduction of recorded media**

This group includes reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings, reproduction from master copies of records, compact discs and tapes with motion pictures and other video recordings and reproduction from master copies of software and data on discs and tapes.



**DIVISION 18 : PRINTING AND REPRODUCTION OF RECORDED MEDIA**  
**Group 181 : Printing and service activities related to printing**

CLASS	ITEM	DESCRIPTION	MSIC 2000
1811 <sup>(1)</sup>		<b>Printing</b>	
	18110	Printing	22210
1812		<b>Service activities related to printing</b>	
	18120	Service activities related to printing <sup>(2)</sup>	22220

- (1) **Includes:**
- (a) printing or reprinting of newspapers, magazines and other periodicals, books and brochures, music and music manuscripts, maps, atlases, posters, advertising catalogues, prospectuses and other printed advertising, postage stamps, taxation stamps, documents of title, cheques and other security papers, smart cards, diaries, calendars, business forms and other commercial printed matter; personal stationery and other printed matter by letterpress, oggset, offset, photogravure, flexography and other printing presses, duplication machines, computer printers, embossers, etc., including quick printing
  - (b) printing directly onto textiles, plastic, glass, metal, wood and ceramics (except silk-screen printing on textiles and wearing apparel)
  - (c) printing on labels or tags (e.g. lithographic, gravure printing, flexography printing, etc.)
- Excludes:**
- (a) silk screen-printing on textiles and wearing apparel, see 13131
  - (b) manufacture of paper articles (e.g. binders), see 1709
  - (c) publishing of printed matter, see group 581
  - (d) photocopying of documents, see 82196
- (2) **Includes:**
- (a) binding of printing sheets
  - (b) composition, typesetting, phototypesetting, pre-press data input, art work
  - (c) plate-making service
  - (d) other graphic activities such as die-sinking or die-stamping, Braille copying, punching and drilling, embossing, varnishing and laminating, collating and inseting, creasing

**DIVISION 18 : PRINTING AND REPRODUCTION OF RECORDED MEDIA**  
**Group 182 : Reproduction of recorded media**



CLASS	ITEM	DESCRIPTION	MSIC 2000
1820 <sup>(1)</sup>		Reproduction of recorded media	
	18200	Reproduction of recorded media	22300

- (1) **Includes:**
- (a) reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings
  - (b) reproduction from master copies of records, compact discs and tapes with pictures and other video recordings
  - (c) reproduction from master copies of software and data on discs and tapes
  - (d) reproduction of recorded media (computer media, sound, video, etc.)
- Excludes:**
- (a) reproduction of printed matter, see 1811
  - (b) publishing of software, see 5820
  - (c) production and distribution of motion pictures, videotapes and movies on DVD or similar media, see 5911, 5912, 5913
  - (d) reproduction of motion picture films for theatrical distribution, see 59120
  - (e) production of master copies for records or audio material, see 5920

**DIVISION 19 MANUFACTURE OF COKE AND REFINED PETROLEUM PRODUCTS**

This division includes the transformation of crude petroleum and coal into usable products. The dominant process is petroleum refining which involves the separation of crude petroleum into component products through such techniques as cracking and distillation.

This division also includes the manufacture for own account of characteristic products (e.g. coke, butane, propane, petrol, kerosene, fuel oil, etc.) as well as processing services (e.g. custom refining).

This division includes the manufacture of gases such as ethane, propane and butane as products of petroleum refineries.

Not included is the manufacture of such gases in other units (2011), manufacture of industrial gases (2011), extraction of natural gas (methane, ethane, butane or propane) (0600), and manufacture of fuel gas, other than petroleum gases (e.g. coal gas, water gas, producer gas, gasworks gas) (3520).

The manufacture of petrochemicals from refined petroleum is classified in division 20.

**GROUP 191 Manufacture of coke oven products**

This group includes operation of coke ovens, production of coke and semi-coke, production of pitch and pitch coke, production of coke oven gas, production of crude coal and lignite tars and agglomeration of coke.

**GROUP 192 Manufacture of refined petroleum products**

This group includes the manufacture of liquid or gaseous fuels or other products from crude petroleum, bituminous minerals or their fractionation products. Petroleum refining involves one or more of the following activities: fractionation, straight distillation of crude oil, and cracking.

**DIVISION 19: MANUFACTURE OF COKE AND REFINED PETROLEUM PRODUCTS**  
**Group 191 : Manufacture of coke oven products**



CLASS	ITEM	DESCRIPTION	MSIC 2000
1910		Manufacture of coke oven products	
	19100	Manufacture of coke oven products <sup>(1)</sup>	23100

- (1) **Includes:**
- (a) operation of coke ovens
  - (b) production of coke and semi-coke
  - (c) production pitch and pitch coke
  - (d) production coke oven gas
  - (e) production crude coal and lignite tars
  - (f) agglomeration of coke



**DIVISION 19 : MANUFACTURE OF COKE AND REFINED PETROLEUM PRODUCTS**  
**Group 192 : Manufacture of refined petroleum products**

CLASS	ITEM	DESCRIPTION	MSIC 2000
1920		<b>Manufacture of refined petroleum products</b>	
	19201	Manufacture of refined petroleum products <sup>(1)</sup>	23200p
	19202	Manufacture of bio-diesel products	23200p

- (1) **Includes:**
- (a) production of motor fuel (e.g. gasoline, kerosene, etc.)
  - (b) production of fuel (e.g. light, medium and heavy fuel oil, refinery gases such as ethane, propane, butane, etc.)
  - (c) manufacture of oil-based lubricating oils or greases, including from waste oil
  - (d) manufacture of products for the petrochemical industry and for the manufacture of road coverings
  - (e) manufacture of various products (e.g. white spirit, Vaseline, paraffin wax, petroleum jelly, etc.)
  - (f) manufacture of hard-coal and lignite fuel briquettes
  - (g) manufacture of petroleum briquettes
  - (h) blending of bio fuels, i.e. blending of alcohols with petroleum (e.g. gasohol)
  - (i) recovery of liquefied petroleum gases in the refining of petroleum
  - (j) liquefaction and processing of natural gas, done off mine site (e.g. Malaysia LNG Sdn. Bhd.) and treating of condensate or natural gas to produce purified natural gas or liquefied hydrocarbon gases

**Excludes:** manufacture of bio-diesel products, see 19202

**DIVISION 20 MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS**

This division includes the transformation of organic and inorganic raw materials by a chemical process and the formation of products. It distinguishes the production of basic chemicals that constitute the first industry group from the production of intermediate and end products produced by further processing of basic chemicals that make up the remaining industry classes.

**GROUP 201 Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms**

This group includes the manufacture of basic chemical products, fertilizers and associated nitrogen compounds, as well as plastics and synthetic rubber in primary forms.

**GROUP 202 Manufacture of other chemical products**

This group includes the manufacture of chemical products other than basic chemicals and man-made fibres. This includes the manufacture of a variety of goods such as pesticides, paints and inks, soap, cleaning preparations, perfumes and toilet preparations, explosives and pyrotechnic products, chemical preparations for photographic uses (including film and sensitized paper), gelatines, composite diagnostic preparations, etc.

**GROUP 203 Manufacture of man-made fibres**

This group includes manufacture of synthetic or artificial filament tow, manufacture of synthetic or artificial staple fibres, not carded combed or otherwise processed for spinning, manufacture of synthetic or artificial filament yarn, including high-tenacity yarn and manufacture of synthetic or artificial monofilament or strip.



**DIVISION 20 : MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS**  
**Group 201 : Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastic and synthetic rubber in primary forms**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2011 <sup>(1)</sup>		<b>Manufacture of basic chemicals</b>	
	20111	Manufacture of liquefied or compressed inorganic industrial or medical gases	24111
	20112	Manufacture of basic organic chemicals <sup>(2)</sup>	24119p

- (1) **Excludes:**
- (a) extraction of methane, ethane, butane or propane, see 0620
  - (b) manufacture of fuel gases such as ethane, butane or propane in a petroleum refinery, see 19201
  - (c) manufacture of nitrogenous fertilizers and nitrogen compounds, see 20129
  - (d) manufacture of ammonia, see 20129
  - (e) manufacture of ammonium chloride, see 20129
  - (f) manufacture of nitrites and nitrates of potassium, see 20129
  - (g) manufacture of ammonium carbonates, see 20129
  - (h) manufacture of plastics in primary forms, see 20131
  - (i) manufacture of synthetic rubber in primary forms, see 20132
  - (j) manufacture of prepared dyes and pigments, see 2022
  - (k) manufacture of crude glycerol, see 20231
  - (l) manufacture of natural essential oils, see 20299
  - (m) manufacture of aromatic distilled waters, see 20299
  - (n) manufacture of salicylic and O-acetylsalicylic acids, see 21001
- (2) **Includes:**
- (a) manufacture of dyes and pigments from any source in basic form concentrate
  - (b) other organic compounds, including wood distillation products (e.g. charcoal), etc.
  - (c) manufacture of ethyl alcohol
  - (d) manufacture of glycerol, synthesized from petroleum products

**DIVISION 20 : MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS**  
**Group 201 : Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastic and synthetic rubber in primary forms**



CLASS	ITEM	DESCRIPTION	MSIC 2000
	20113	Manufacture of inorganic compounds <sup>(1)</sup>	24119p
	20119	Manufacture of other basic chemicals n.e.c. <sup>(2)</sup>	23300p, 24119p
<b>2012<sup>(3)</sup></b>		<b>Manufacture of fertilizers and nitrogen compounds</b>	
	20121	Manufacture of fertilizers	24120p
	20129	Manufacture of associated nitrogen products <sup>(4)</sup>	24120p

- (1) **Includes:** (a) manufacture of chemical elements  
 (b) manufacture of inorganic acids except nitric acid  
 (c) manufacture of alkalis, lyes and other inorganic bases except ammonia  
 (d) manufacture of other inorganic compounds  
 (e) manufacture of synthetic aromatic products  
 (f) manufacture of other basic chemicals n.e.c. except fertilizers and nitrogen compounds
- (2) **Includes:** (a) enrichment of uranium and thorium ores, roasting of iron pyrites  
 (b) reprocessing of nuclear fuels  
 (c) manufacture of distilled water
- (3) **Excludes:** (a) mining of guano, see 08918  
 (b) manufacture of agrochemical products (e.g. pesticides), see 2021  
 (c) operation of compost dumps, see 38210
- (4) **Includes:** nitric and sulphonitric acids, ammonia, ammonium chloride, ammonium carbonate, nitrites and nitrates of potassium



**DIVISION 20 : MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS**  
**Group 201 : Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastic and synthetic rubber in primary forms**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2013 <sup>(1)</sup>		<b>Manufacture of plastics and synthetic rubber in primary forms</b>	
	20131	Manufacture of plastics in primary forms <sup>(2)</sup>	24130p
	20132	Manufacture of synthetic rubber in primary forms: synthetic rubber, factice	24130p
	20133	Manufacture of mixtures of synthetic rubber and natural rubber or rubber - like gums <sup>(3)</sup>	24130p

- (1) **Excludes:** (a) manufacture of artificial and synthetic fibres, filaments and yarn, see 2030  
 (b) shredding of plastic products, see 3830
- (2) **Includes:** polymers, polyamides, phenolic and epoxide resins, polyurethanes, alkyd, polyester resins, polyethers, silicones, ion-exchangers
- (3) **Includes:** manufacture of cellulose and its chemical derivatives

DIVISION 20 : MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS  
 Group 202 : Manufacture of other chemical products



CLASS	ITEM	DESCRIPTION	MSIC 2000
2021 <sup>(1)</sup>		<b>Manufacture of pesticides and other agrochemical products</b>	
	20210	Manufacture of pesticides and other agrochemical products	24210
2022 <sup>(2)</sup>		<b>Manufacture of paints, varnishes and similar coatings, printing ink and mastics</b>	
	20221	Manufacture of paints, varnishes and similar coatings ink and mastics	24221
	20222	Manufacture of printing ink	24222
2023 <sup>(3)</sup>		<b>Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations</b>	

- (1) **Includes:** (a) manufacture of insecticides, rodenticides, fungicides, herbicides  
 (b) manufacture of anti-sprouting products, plants growth regulators  
 (c) manufacture of disinfectants (for agricultural and other use)  
 (d) manufacture of other agrochemical products n.e.c.

**Excludes:** manufacture of fertilizers and nitrogen compounds, see 20129

- (2) **Includes:** (a) manufacture of paints and varnishes, enamels or lacquers  
 (b) manufacture of prepared pigments and dyes, opacifiers and colours  
 (c) manufacture of vitrifiable enamels and glazes and engobes and similar preparations  
 (d) manufacture of mastics  
 (e) manufacture of caulking compounds and similar non-refractory filling or surfacing preparations  
 (f) manufacture of organic composite solvents and thinners  
 (g) manufacture of prepared paints or varnish removers  
 (h) manufacture of printing ink

**Excludes:** (a) manufacture of dyestuffs and pigments, see 20112  
 (b) manufacture of writing and drawing ink, see 20292

- (3) **Excludes:** (a) manufacture of separate, chemically defined compounds, see 2011  
 (b) manufacture of glycerol, synthesized from petroleum products, see 20112  
 (c) extraction and refining of natural essential oils, see 20299



**DIVISION 20 : MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS**  
**Group 202 : Manufacture of other chemical products**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	20231	Manufacture of soap and detergents, cleaning and polishing preparations <sup>(1)</sup>	24240p
	20232	Manufacture of perfumes and toilet preparations <sup>(2)</sup>	24240p

- (1) **Includes:**
- (a) manufacture of organic surface-active agents
  - (b) manufacture of soap for cleaning and polishing
  - (c) manufacture of paper, wadding, felt, etc. coated or covered with soap or detergent
  - (d) manufacture of crude glycerol
  - (e) washing powders in solid or liquid form and detergents
  - (f) dish-washing preparations
  - (g) textile softeners
  - (h) preparations for perfuming or deodorizing rooms
  - (i) artificial waxes and prepared waxes
  - (j) polishes and creams for leather
  - (k) polishes and creams for wood
  - (l) polishes for coachwork, glass and metal
  - (m) scouring pastes and powders, including paper, wadding, etc. coated or covered with these
- (2) **Includes:**
- (a) perfumes and toilet water
  - (b) beauty and make-up preparations
  - (c) sunburn prevention and suntan preparations
  - (d) manicure and pedicure preparations
  - (e) shampoos, hair lacquers, waving and straightening preparations
  - (f) dentifrices and preparations for oral hygiene, including denture fixative preparations and denture adhesives
  - (g) shaving preparations, including pre-shave and aftershave preparations
  - (h) deodorants and bath salts
  - (i) manufacture of soap for toilet preparation including shower cream and bath soaps

**DIVISION 20 : MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS**  
**Group 202 : Manufacture of other chemical products**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2029 <sup>(1)</sup>		<b>Manufacture of other chemical products n.e.c.</b>	
	20291	Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials	24290p
	20292	Manufacture of writing and drawing ink	24290p
	20299	Manufacture of other chemical products n.e.c. <sup>(2)</sup>	24290p, 36999p

- (1) **Excludes:**
- (a) manufacture of chemically defined products in bulk, see 2011
  - (b) manufacture of distilled water, see 20119
  - (c) manufacture of synthetic aromatic products, see 20113
  - (d) manufacture of printing ink, see 20222
  - (e) manufacture of perfumes and toilet preparations, see 20232
  - (f) manufacture of asphalt-based adhesives, see 2399
- (2) **Includes:**
- (a) manufacture of propellant powders
  - (b) manufacture of explosives and pyrotechnic products, including percussion caps, detonators, signalling flares, etc.
  - (c) manufacture of gelatine and its derivatives, glues and prepared adhesives, including rubber-based glues and adhesives
  - (d) manufacture of extracts of natural aromatic products
  - (e) manufacture of resinoids
  - (f) manufacture of aromatic distilled waters
  - (g) manufacture of mixture of odoriferous products for the manufacture of perfumes or food
  - (h) manufacture of chemical preparations for photographic uses
  - (i) manufacture of various chemical products such peptones, peptone derivatives, other protein substances and their derivatives n.e.c., essential oils, chemically modified oils and fats, materials used in the finishing of textiles and leather, powders and pastes used in soldering, brazing or welding, substances used to pickle metal, prepared additives for cements, activated carbon, lubricating oil additives, prepared rubber accelerators, catalysts and other chemical products for industrial use, anti-knock preparations, antifreeze preparations, composite diagnostic or laboratory reagents
  - (j) manufacture of matches
  - (k) manufacture of scented joss sticks



DIVISION 20 : MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS  
 Group 203 : Manufacture of man-made fibres

CLASS	ITEM	DESCRIPTION	MSIC 2000
2030 <sup>(1)</sup>		Manufacture of man-made fibres	
	20300	Manufacture of man-made fibres	24300

- (1) **Includes:**
- (a) manufacture of synthetic or artificial filament tow
  - (b) manufacture of synthetic or artificial staple fibres, not carded, combed or otherwise processed for spinning
  - (c) manufacture of synthetic or artificial filament yarn, including high-tenacity yarn
  - (d) manufacture of synthetic or artificial monofilament or strip
- Excludes:**
- (a) spinning of synthetic or artificial fibres, see 1311
  - (b) manufacture of yarns made of man-made staple, see 1311

**DIVISION 21      MANUFACTURE OF BASIC PHARMACEUTICAL PRODUCT AND  
PHARMACEUTICAL PREPARATIONS**

This division includes the manufacture of basic pharmaceutical products and pharmaceutical preparations. This includes also the manufacture of medicinal chemical and botanical products.

**GROUP 210      Manufacture of pharmaceuticals, medicinal chemical and  
botanical products**

This group includes manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments: antibiotics, basic vitamins, salicylic and O-acetylsalicylic acids, etc., processing of blood, manufacture of medicaments: anti-sera and other blood fractions, vaccines and diverse medicaments, including homeopathic preparations. Manufacture of chemical contraceptive products for external use and hormonal contraceptive medicaments, manufacture of medical diagnostic preparations, including pregnancy tests, manufacture of radioactive in-vivo diagnostic substances, manufacture of biotech pharmaceuticals, manufacture of chemically pure sugars, processing of glands and manufacture of extracts of glands, etc., manufacture of medical impregnated wadding, gauze, bandages, dressings, etc. and preparation of botanical products (grinding, grading, milling) for pharmaceutical use.



**DIVISION 21 : MANUFACTURE OF BASIC PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS**

**Group 210 : Manufacture of pharmaceuticals, medicinal chemical and botanical products**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2100 <sup>(1)</sup>		<b>Manufacture of pharmaceuticals, medicinal chemical and botanical products</b>	
	21001	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments <sup>(2)</sup>	24230p
	21002	Processing of blood	24230p
	21003	Manufacture of medicaments <sup>(3)</sup>	24230p
	21004	Manufacture of chemical contraceptive products <sup>(4)</sup>	24230p

- (1) **Excludes:** (a) manufacture of herb infusions (e.g. mint, vervain, chamomile, etc.), see 10794  
 (b) manufacture of dental fillings, manufacture of dental cement, see 3250  
 (c) manufacture of bone reconstruction cements, see 3250  
 (d) wholesale of pharmaceuticals, see 46421  
 (e) retail sale of pharmaceuticals, see 47721  
 (f) research and development for pharmaceuticals and biotech pharmaceuticals, see 72103  
 (g) packaging of pharmaceuticals, see 8292

- (2) **Includes:** antibiotics, basic vitamins, salicylic and O-acetylsalicylic acids, etc.

- (3) **Includes:** (a) anti-sera and other blood fractions  
 (b) vaccines  
 (c) diverse medicaments, including homeopathic preparations

- (4) **Includes:** for external use and hormonal contraceptive medicaments

**DIVISION 21 : MANUFACTURE OF BASIC PHARMACEUTICALS, MEDICINAL  
CHEMICAL AND BOTANICAL PRODUCTS**  
**Group 210 : Manufacture of pharmaceuticals, medicinal chemical and botanical  
products**



CLASS	ITEM	DESCRIPTION	MSIC 2000
	21005	Manufacture of medical diagnostic preparation <sup>(1)</sup>	24230p
	21006	Manufacture of radioactive in-vivo diagnostic substances	24230p
	21007	Manufacture of biotech pharmaceuticals	24230p
	21009	Manufacture of other pharmaceuticals, medicinal chemical and botanical products n.e.c. <sup>(2)</sup>	24230p

(1) **Includes:** pregnancy test

(2) **Includes:** (a) manufacture of chemically pure sugars  
 (b) processing of glands and manufacture of extracts of glands, etc.  
 (c) manufacture of medical impregnated wadding, gauze, bandages, dressings, surgical gut string, etc.  
 (d) preparation of botanical products (grinding, grading, milling) for pharmaceutical use

**DIVISION 22 MANUFACTURE OF RUBBER AND PLASTIC PRODUCTS**

This division includes the manufacture of rubber and plastic products.

This division is characterized by the raw materials used in the manufacturing process. However, this does not imply that the manufacture of all products made of these materials is classified here.

**GROUP 221 Manufacture of rubber products**

This group includes the manufacture of rubber products.

**GROUP 222 Manufacture of plastic products**

This group includes the processing of new or spent (i.e. recycled) plastics resins into intermediate or final products, using such processes as compression moulding, extrusion moulding, injection moulding, blow moulding and casting. For most of these, the production process is such that a wide variety of products can be made.

**DIVISION 22 : MANUFACTURE OF RUBBER AND PLASTIC PRODUCTS**  
**Group 221 : Manufacture of rubber products**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2211 <sup>(1)</sup>		<b>Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres</b>	
	22111	Manufacture of rubber tyres for vehicles <sup>(2)</sup>	25111
	22112	Manufacture of interchangeable tyre treads and retreading rubber tyres <sup>(3)</sup>	25112
2219 <sup>(4)</sup>		<b>Manufacture of other rubber products</b>	

- (1) **Excludes:** (a) manufacture of tube repair materials, see 22199  
(b) tyre and tube repair, fitting or replacement, see 45201
- (2) **Includes:** (a) pneumatic tyres, solid or cushion tyres (e.g. equipment, mobile machinery, aircraft, toy, furniture and other uses)  
(b) manufacture of inner tubes for tyre
- (3) **Includes:** (a) manufacture of interchangeable tyre treads, tyre flaps, "camelback" strips for retreading tyres, etc.  
(b) retreading and rebuilding of tyres
- (4) **Excludes:** (a) manufacture tyre cord fabrics, see 1399  
(b) manufacture of apparel of elastic fabrics, see 14102  
(c) manufacture of rubber footwear, see 15203  
(d) manufacture of glues and adhesives based on rubber, see 20299  
(e) manufacture of "camelback" strips, see 22112  
(f) manufacture of inflatable rafts and boats, see 3011, 3012  
(g) manufacture of mattresses of uncovered cellular rubber, see 31003  
(h) manufacture of rubber sports requisites, except apparel, see 3230  
(i) manufacture of rubber games and toys (e.g. children's wading pools, inflatable children rubber boats, inflatable rubber animals, balls and the like), see 3240  
(j) reclaiming of rubber, see 38303



**DIVISION 22 : MANUFACTURE OF RUBBER AND PLASTIC PRODUCTS**  
**Group 221 : Manufacture of rubber products**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	22191	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened <sup>(1)</sup>	25199p
	22192	Manufacture of rubber gloves	19200p, 25193
	22193	Rubber remilling and latex processing <sup>(2)</sup>	25191, 25192
	22199	Manufacture of other rubber products n.e.c. <sup>(3)</sup>	25199p

- (1) **Includes:**
- (a) manufacture of rubber plates, sheets, strip, rods, profile shapes
  - (b) manufacture of tubes, pipes and hoses
  - (c) manufacture of rubber conveyor or transmission belts or belting
  - (d) manufacture of rubber footwear parts
  - (e) manufacture of textile fabric impregnated, coated, covered or laminated with rubber, where rubber is the chief constituent
  - (f) manufacture of hard rubber (including hard rubber pipe stems, hard rubber combs, hair pins, hair rollers and similar)
  - (g) manufacture of rubber brushes
- (2) **Includes:**
- (a) processing on the estates/smallholdings, if separate reporting for production and processing is not feasible
  - (b) rubber smokehouses
- (3) **Includes:**
- (a) manufacture of rubber hygienic articles (e.g. sheath contraceptives or condoms, teats and soothers, hot water bottle, etc.)
  - (b) manufacture of rubber articles of apparel (if only sealed together, not sewn)
  - (c) manufacture of rubber thread and rope
  - (d) manufacture of rubberized yarn and fabrics
  - (e) manufacture of rubber rings, fittings and seals
  - (f) manufacture of rubber roller coverings
  - (g) manufacture of inflatable rubber mattresses
  - (h) manufacture of inflatable balloons
  - (i) manufacture of rubber repair materials
  - (j) manufacture of textile fabric impregnated, coated, covered or laminated with rubber, where rubber is the chief constituent
  - (k) manufacture of rubber waterbed mattresses
  - (l) manufacture of rubber bathing caps and aprons
  - (m) manufacture of rubber wet suits and diving suits
  - (n) manufacture of rubber sex articles
  - (o) manufacture of any other rubber products n.e.c.

**DIVISION 22 : MANUFACTURE OF RUBBER AND PLASTIC PRODUCTS**  
**Group 222 : Manufacture of plastic products**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2220 <sup>(1)</sup>		<b>Manufacture of plastic products</b>	
	22201	Manufacture of semi-manufactures of plastic products <sup>(2)</sup>	25202p, 25203p
	22202	Manufacture of finished plastic products <sup>(3)</sup>	25202p
	22203	Manufacture of plastic articles for the packing of goods <sup>(4)</sup>	25201, 25203p, 25205, 25209p
	22204	Manufacture of builders' plastic ware <sup>(5)</sup>	25203p, 25204, 25206p, 25209p

- (1) **Excludes:** (a) manufacture of plastic luggage, see 1512  
 (b) manufacture of plastic footwear, see 15202  
 (c) manufacture of plastic in primary forms, see 20131  
 (d) manufacture of articles of synthetic or natural rubber, see group 221  
 (e) manufacture of plastic furniture, see 3100  
 (f) manufacture of mattresses of uncovered cellular plastic, see 31003  
 (g) manufacture of plastic sports requisites, see 3230  
 (h) manufacture of plastic games and toys, see 3240  
 (i) manufacture of plastic medical and dental appliances, see 3250  
 (j) manufacture of plastic ophthalmic goods, see 3250  
 (k) manufacture of plastic hard hats and other personal safety equipment of plastic, see 32909
- (2) **Includes:** manufacture of semi-manufactures of plastic products (e.g. plastics plates, sheets, blocks, film, foil, strip, etc.)
- (3) **Includes:** manufacture of plastic tubes, pipes and hoses; hose and pipe fittings
- (4) **Includes:** manufacture of plastic articles for the packing of goods (e.g. plastics bags, sacks, containers, boxes, cases, carboys, bottles)
- (5) **Includes:** (a) plastic door, windows, frames, shutters, blinds, skirting boards  
 (b) tanks, reservoirs  
 (c) plastic floor, wall or ceiling coverings in rolls or in the form of tiles, etc.  
 (d) plastic sanitary ware (e.g. plastic baths, shower baths, washbasins, lavatory pans, flushing cisterns, etc.)



**DIVISION 22 : MANUFACTURE OF RUBBER AND PLASTIC PRODUCTS**  
**Group 222 : Manufacture of plastic products**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	22205	Manufacture of plastic tableware, kitchenware and toilet articles <sup>(1)</sup>	25206p
	22209	Manufacture of diverse plastic products n.e.c. <sup>(2)</sup>	25209p

(1) **Includes:** manufacture of reinforced plastic articles

(2) **Includes:**

- (a) manufacture of diverse plastic products n.e.c. [e.g. plastic headgear, insulating fittings, parts of lighting fittings, office or school supplies, articles of apparel, (if only sealed together, not sewn) fittings for furniture, statuettes, transmission and conveyer belts, self-adhesive tapes of plastics, etc.]
- (b) manufacture of artificial stone: cultured marble
- (c) cellophane film or sheet
- (d) manufacture of resilient floor covering (e.g. vinyl, linoleum, etc.)

**DIVISION 23 MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS**

This division includes manufacturing activities related to a single substance of mineral origin. This division includes the manufacture of glass and glass products (e.g. flat glass, hollow glass, fibres, technical glassware, etc.), ceramic products, tiles and baked clay products, and cement and plaster, from raw materials to finished articles. The manufacture of shaped and finished stone and other mineral products is also included in this division.

**GROUP 231 Manufacture of glass and glass products**

This group includes the manufacture of glass in all forms, made by any process and the manufacture of articles of glass.

**GROUP 239 Manufacture of non-metallic mineral products n.e.c.**

This group includes the manufacture of intermediate and final products from mined or quarried non-metallic minerals, such as sand, gravel, stone or clay.



**DIVISION 23 : MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS**  
**Group 231 : Manufacture of glass and glass products**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2310 <sup>(1)</sup>		<b>Manufacture of glass and glass products</b>	
	23101	Manufacture of flat glass, including wired, coloured or tinted flat glass <sup>(2)</sup>	26100p
	23102	Manufacture of laboratory, hygienic or pharmaceutical glassware	26100p
	23109	Manufacture of other glass products n.e.c. <sup>(3)</sup>	26100p

- (1) **Excludes:** (a) manufacture of woven fabrics of glass yarn, see 1312  
 (b) manufacture of optical elements optically worked, see 26701  
 (c) manufacture of fibre optic cable for data transmission or live transmission of images, see 2731  
 (d) manufacture of glass toys, see 3240  
 (e) manufacture of syringes and other medical laboratory equipment, see 3250
- (2) **Includes:** manufacture of glass paving blocks
- (3) **Includes:** (a) manufacture of toughened or laminated flat glass  
 (b) manufacture of glass in rods or tubes  
 (c) manufacture of glass mirrors  
 (d) manufacture of multiple-walled insulating units of glass  
 (e) manufacture of bottles and other containers of glass or crystal  
 (f) manufacture of drinking glasses and other domestic glass or crystal articles  
 (g) manufacture of glass fibres, including glass wool and non-woven products thereof  
 (h) manufacture of clock or watch glasses, optical glass and optical elements not optically worked  
 (i) manufacture of glassware used in imitation jewellery  
 (j) manufacture of glass insulators and glass insulating fittings  
 (k) manufacture of glass envelopes for lamps  
 (l) manufacture of glassware and glass parts for lighting fixtures  
 (m) manufacture of glass figurines  
 (n) restoring of stained glass windows

**DIVISION 23 : MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS**  
**Group 239 : Manufacture of non-metallic mineral products n.e.c.**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2391		<b>Manufacture of refractory products</b>	
	23911	Manufacture of refractory mortars and concretes	26920p
	23912	Manufacture of refractory ceramic goods <sup>(1)</sup>	26920p
2392 <sup>(2)</sup>		<b>Manufacture of clay building materials</b>	
	23921	Manufacture of non-refractory ceramic <sup>(3)</sup>	26930p
	23929	Manufacture of other clay building materials <sup>(4)</sup>	26910p, 26930p

- (1) **Includes:** (a) manufacture of heat-insulating ceramic goods of siliceous fossils meals  
 (b) manufacture of refractory bricks, blocks and tiles, etc.  
 (c) manufacture of retorts, crucibles, muffles, nozzles, tubes, pipes, etc.  
 (d) manufacture of refractory articles containing magnesite, dolomite or chromites
- (2) **Excludes:** (a) manufacture of artificial stone (e.g. cultured marble), see 22209  
 (b) manufacture of refractory ceramic goods, see 23912
- (3) **Includes:** (a) manufacture of non-refractory ceramic hearth or wall tiles, mosaic cubes, etc.  
 (b) manufacture of non-refractory ceramic flags and paving  
 (c) manufacture of structural non-refractory clay building materials (e.g. ceramic bricks, roofing tiles, chimney pots, pipes, conduit, etc.)
- (4) **Includes:** (a) manufacture of flooring blocks in baked clay  
 (b) manufacture of ceramic sanitary fixtures



**DIVISION 23 : MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS**  
**Group 239 : Manufacture of non-metallic mineral products n.e.c.**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2393 <sup>(1)</sup>		<b>Manufacture of other porcelain and ceramic products</b>	
	23930	Manufacture of other porcelain and ceramic products <sup>(2)</sup>	26910p
2394 <sup>(3)</sup>		<b>Manufacture of cement, lime and plaster</b>	
	23941	Manufacture of hydraulic cement <sup>(4)</sup>	26941
	23942	Manufacture of lime and plaster <sup>(5)</sup>	26942

- (1) **Excludes:** (a) manufacture of artificial stone (e.g. cultured marble), see 22209  
 (b) manufacture of refractory ceramic goods, see 23912  
 (c) manufacture of ceramic building materials, see 2392  
 (d) manufacture of ceramic sanitary fixtures, see 23929  
 (e) manufacture of permanent metallic magnets, see 25999  
 (f) manufacture of imitation jewellery, see 3212  
 (g) manufacture of ceramic toys, see 3240  
 (h) manufacture of artificial teeth, see 3250
- (2) **Includes:** (a) manufacture of ceramic tableware and other domestic or toilet articles  
 (b) manufacture of statuettes and other ornamental ceramic articles  
 (c) manufacture of electrical insulators and insulating fittings of ceramics  
 (d) manufacture of ceramic and ferrite magnets  
 (e) manufacture of ceramic laboratory, chemical and industrial products  
 (f) manufacture of ceramic pots, jars, etc. used for conveyance or packing of goods  
 (g) manufacture of ceramic furniture  
 (h) manufacture of ceramic insulators  
 (i) manufacture of porcelain electrical insulators  
 (j) manufacture of ceramic products n.e.c.
- (3) **Excludes:** (a) manufacture of refractory mortars, concrete, etc., see 23911  
 (b) manufacture of articles of cement, see 23952  
 (c) manufacture of articles of plaster, see 23952  
 (d) manufacture of ready-mixed and dry-mix concrete and mortars, see 23951  
 (e) manufacture of cements used in dentistry, see 3250
- (4) **Includes:** manufacture of clinkers and hydraulic cements, incl. Portland, aluminous cement slag cement and superphosphate cements
- (5) **Includes:** (a) manufacture of quicklime, slaked lime and hydraulic lime  
 (b) manufacture of plasters of calcined gypsum or calcined sulphate  
 (c) manufacture of calcined dolomite

DIVISION 23 : MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS  
 Group 239 : Manufacture of non-metallic mineral products n.e.c.



CLASS	ITEM	DESCRIPTION	MSIC 2000
2395 <sup>(1)</sup>		Manufacture of articles of concrete, cement and plaster	
	23951	Manufacture of ready-mix and dry-mix concrete and mortars <sup>(2)</sup>	26951
	23952	Manufacture of precast concrete, cement or artificial stone articles for use in construction <sup>(3)</sup>	26959p
	23953	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone <sup>(4)</sup>	26959p
	23959	Manufacture of other articles of concrete, cement and plaster n.e.c. <sup>(5)</sup>	26959p

(1) **Excludes:** manufacture of refractory cements and mortars, see 23911

(2) **Includes:** manufacture of powdered mortars

(3) **Includes:** manufacture of plaster articles for use in construction (e.g. boards, sheets, panel, tiles, flagstones, bricks, pipes, post, etc.)

(4) **Includes:** manufacture of building material materials of vegetable substances (e.g. wood wool, straw, reeds, rushes, etc., agglomerated with cement, plaster or other mineral binder)

(5) **Includes:** (a) manufacture of articles of asbestos-cement or cellulose fibre-cement or the like (e.g. corrugated sheets, other sheets, panel, tiles, tubes, pipes, reservoirs, troughs, basins, sinks, jars, furniture, window frames, etc.)  
 (b) manufacture of other articles of concrete, plaster, cement or artificial stone (e.g. statuary, furniture, bas-and haut reliefs, vases, flowerpots, etc.)



**DIVISION 23 : MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS**  
**Group 239 : Manufacture of non-metallic mineral products n.e.c.**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2396 <sup>(1)</sup>		Cutting, shaping and finishing of stone	
	23960	Cutting, shaping and finishing of stone	26960
2399 <sup>(2)</sup>		<b>Manufacture of other non-metallic mineral products n.e.c.</b>	
	23990	Manufacture of other non-metallic mineral products n.e.c.	26990

- (1) **Includes:** (a) cutting, shaping and finishing of stone for use in construction, in cemeteries, on roads, as roofing, etc.  
 (b) manufacture of stone furniture  
 (c) manufacture of statues, other than artistic originals
- Excludes:** (a) production of rough cut stone, i.e. quarrying activities, see 08101  
 (b) production of millstones, abrasive stones and similar products, see 2399  
 (c) activities of sculptors, see 90003
- (2) **Includes:** (a) manufacture of millstones, sharpening or polishing stones and natural or artificial products, including abrasive products on a soft base (e.g. sandpaper)  
 (b) manufacture of friction material and unmounted articles thereof with a base of mineral substances or of cellulose  
 (c) manufacture of mineral insulating materials (e.g. slag wool, rock wool and similar mineral wools; exfoliated vermiculite, expanded clays and similar heat-insulating, sound-insulating or sound-absorbing materials)  
 (d) manufacture of articles of diverse minerals substances [e.g. worked mica and articles of mica, of peat, of graphite (other than electrical articles), etc.]  
 (e) manufacture of articles of asphalt or similar material (e.g. asphalt-based adhesives, coal tar pitch, etc.)  
 (f) manufacture of carbon and graphic fibres and products (except electrodes and electrical applications)
- Excludes:** (a) manufacture of glass wool and non-woven glass wool products, see 23109  
 (b) manufacture of carbon or graphite gaskets, see 28199

**DIVISION 24 MANUFACTURE OF BASIC METALS**

This division includes the activities of smelting and/or refining ferrous and non-ferrous metals from ore, pig or scrap, using electro metallurgic and other process metallurgic techniques. This division also includes the manufacture of metal alloys and super-alloys by introducing other chemical elements to pure metals. The output of smelting and refining, usually in ingot form, is used in rolling, drawing and extruding operations to make products such as plate, sheet, strip, bars, rods, wire, tubes, pipes and hollow profiles and in molten form to make castings and other basic metal products.

**GROUP 241 Manufacture of basic iron and steel**

This group includes operations of conversion by reduction of iron ore in blast furnaces and oxygen converters or of ferrous waste and scrap in electric arc furnaces or by direct reduction of iron ore without fusion to obtain crude steel which is smelted and refined in a ladle furnace and then poured and solidified in a continuous caster in order to produce semi-finished flat or long products, which are used, after reheating, in rolling, drawing and extruding operations to manufacture finished products such as plate, sheet, strip, bars, rods, wire, tubes, pipes and hollow profiles.

**GROUP 242 Manufacture of basic precious and other non-ferrous metals**

This group includes production of basic precious metals, production of precious metal alloys, production of precious metal semi-products, production of silver rolled onto base metals, production of gold rolled onto base metals or silver, production of platinum and platinum group metals rolled onto gold, silver or base metals, production of aluminium from alumina, production of aluminium from electrolytic refining of aluminium's waste and scrap, production of aluminium alloys, semi-manufacturing of aluminium, production of lead, zinc and tin from ores, production of lead, zinc and tin from electrolytic refining of lead, zinc and tin waste and scrap, production of lead, zinc and tin alloys, semi-manufacturing of lead, zinc and tin, production of copper from ores, production of copper from electrolytic refining of copper waste and scrap, production of copper alloys, manufacture of fuse wire or strip, semi-manufacturing of copper, production of chrome, manganese, nickel, etc. from ores or oxides, production of chrome, manganese, nickel, etc. from electrolytic and aluminothermic refining of chrome, manganese, nickel, etc., waste and scrap, production of alloys of chrome, manganese, nickel, etc., semi-manufacturing of chrome, manganese, nickel, etc., production of mattes of nickel, production of uranium metal from pitchblende or other ores, smelting and refining of uranium, manufacture of wire of these metals by drawing, production of aluminium oxide (alumina), production of aluminium's wrapping foil, manufacture of aluminium's (tin) foil laminates made from aluminium (tin) foil as primary component and manufacture of precious metal foil laminates.



**GROUP 243 Casting of metals**

This group includes the manufacture of semi-finished products and various castings by a casting process.

**DIVISION 24 : MANUFACTURE OF BASIC METALS**  
**Group 241 : Manufacture of basic iron and steel**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2410 <sup>(1)</sup>		<b>Manufacture of basic iron and steel</b>	
	24101	Production of pig iron and spiegeleisen in pigs, blocks or other primary forms <sup>(2)</sup>	27100p
	24102	Production of bars and rods of stainless steel or other alloy steel <sup>(3)</sup>	27100p
	24103	Manufacture of seamless tubes, by hot rolling, hot extrusion or hot drawing, or by cold drawing or cold rolling <sup>(4)</sup>	27100p

- (1) **Excludes:** (a) manufacture of tubes, pipes and hollow profiles and of tube or pipe fittings of cast-iron, see 24311  
 (b) manufacture of seamless tubes and pipes of steel by centrifugal casting, see 2431  
 (c) manufacture of tube or pipe fittings of cast-steel, see 2431
- (2) **Includes:** (a) production of ferro-alloys  
 (b) production of semi-finished products of iron or non-alloy steel  
 (c) production of ingots, other primary forms and semi-finished products of stainless steel or other alloy steel
- (3) **Includes:** (a) production of angles, shapes and sections of stainless steel or other alloy steel  
 (b) production of bars and rods of iron or non-alloy steel  
 (c) production of flat-rolled products of iron or non-alloy steel  
 (d) production of angles, shapes and sections of iron or non-alloy steel  
 (e) manufacture of steel bars or solid sections by cold drawing, grinding or turning
- (4) **Includes:** manufacture of welded tubes by cold or hot forming and welding, by forming and cold drawing, or by hot forming and reducing



DIVISION 24 : MANUFACTURE OF BASIC METALS  
 Group 241 : Manufacture of basic iron and steel

CLASS	ITEM	DESCRIPTION	MSIC 2000
	24104	Manufacture of steel tube fittings <sup>(1)</sup>	27100p
	24109	Manufacture of other basic iron and steel products n.e.c. <sup>(2)</sup>	27100p

(1) **Includes:** manufacture of open section by progressive cold forming on a roll mill or folding on a press of flat-rolled products of steel

(2) **Includes:**

- (a) operation of blast furnaces, steel converters, rolling and finishing mills
- (b) production of sheet piling of steel and welded open sections of steel
- (c) production of railway track materials (unassembled rails) of steel
- (d) manufacture of steel wire by cold drawing or stretching
- (e) production of granular iron and iron powder; production of iron of exceptional purity by electrolysis or other chemical processes
- (f) remelting ferrous waste and scrap

DIVISION 24 : MANUFACTURE OF BASIC METALS  
 Group 242 : Manufacture of basic precious and other non-ferrous metals



CLASS	ITEM	DESCRIPTION	MSIC 2000
2420 <sup>(1)</sup>		Manufacture of basic precious and other non-ferrous metals	
	24201	Tin smelting	27201
	24202	Production of aluminium from alumina <sup>(2)</sup>	27209p

(1) **Excludes:** casting of non-ferrous metals, see 2432 and manufacture of precious metal jewellery, see 3211

(2) **Includes:** production of aluminium from electrolytic refining of aluminium waste and scrap, production of aluminium alloys, semi-manufacturing of aluminium, production of aluminium oxide (alumina), production of aluminium wrapping foil, manufacture of aluminium (tin) foil laminates made from aluminium (tin) foil as primary component



**DIVISION 24 : MANUFACTURE OF BASIC METALS**  
**Group 242 : Manufacture of basic precious and other non-ferrous metals**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	24209	Manufacture of other basic precious and other non-ferrous metals n.e.c. <sup>(1)</sup>	27209p

- (1) **Includes:**
- (a) production of basic precious metals such as gold, silver, platinum, etc.
  - (b) production of precious metal alloys
  - (c) production of precious metal semi-products
  - (d) production of silver rolled onto base metals
  - (e) production of gold rolled onto base metals or silver
  - (f) production of platinum and platinum group metal rolled onto gold, silver or base metals
  - (g) production of lead, zinc and tin from ores
  - (h) production of lead, zinc and tin from electrolytic refining of lead, zinc and tin waste and scrap
  - (i) production of lead, zinc and tin alloys
  - (j) semi-manufacturing of lead, zinc and tin
  - (k) production of copper from ores
  - (l) production of copper from electrolytic refining of copper waste and scrap
  - (m) production of copper alloys
  - (n) manufacture of fuse wire or strip
  - (o) semi-manufacturing of copper
  - (p) production of chrome, manganese, nickel, etc. from ores or oxides
  - (q) production of chrome, manganese, nickel, etc. from electrolytic and aluminothermic refining of chrome, manganese, nickel, etc., waste and scrap
  - (r) production of alloys of chrome, manganese, nickel, etc.
  - (s) semi-manufacturing of chrome, manganese, nickel, etc.
  - (t) production of mattes of nickel
  - (u) production of uranium metal from pitchblende or other ores
  - (v) smelting and refining of uranium
  - (w) manufacture of wire of these metals by drawing
  - (x) manufacture of precious metal foil laminates

**DIVISION 24 : MANUFACTURE OF BASIC METALS**  
**Group 243 : Casting of metals**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2431 <sup>(1)</sup>		<b>Casting of iron and steel</b>	
	24311	Casting of iron <sup>(2)</sup>	27310p
	24312	Casting of steel <sup>(3)</sup>	27310p
2432		<b>Casting of non-ferrous metals</b>	
	24320	Casting of non-ferrous metals <sup>(4)</sup>	27320

- (1) **Includes:** manufacture of seamless tubes and pipes of steel by centrifugal casting, manufacture of tube or pipe fittings of cast-steel
- Excludes:** manufacture of finished cast products (e.g. boilers and radiators), see 2512 and cast household items, see 2599
- (2) **Includes:** (a) casting of semi-finished iron products  
 (b) casting of grey iron castings  
 (c) casting of spheroidal graphite iron castings  
 (d) casting of malleable cast-iron products  
 (e) manufacture of tubes, pipes and hollow profiles and of tube or pipe fittings of cast-iron
- (3) **Includes:** (a) casting of semi-finished steel products  
 (b) casting of steel castings
- (4) **Includes:** (a) casting of semi-finished products of aluminium, magnesium, titanium, zinc, etc.  
 (b) casting of light metal castings  
 (c) casting of heavy metal castings  
 (d) casting of precious metal castings  
 (e) die-casting of non-ferrous metal castings

**C****DIVISION 25 MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT**

This division includes the manufacture of "pure" metal products (such as parts, containers and structures), usually with a static, immovable function, as opposed to the following divisions 26-30, which cover the manufacture of combinations or assemblies of such metal products (sometimes with other materials) into more complex units that, unless they are purely electrical, electronic or optical, work with moving parts.

The manufacture of weapons and ammunition is also included in this division.

This division excludes specialized repair and maintenance activities (see group 331) and the specialized installation of manufactured goods produced in this division in buildings, such as central heating boilers (see 4322).

**GROUP 251 Manufacture of structural metal products, tanks, reservoirs and steam generators**

This group includes the manufacture of structural metal products (such as metal frameworks or parts for construction), as well as metal container-type objects (such as reservoirs, tanks, central heating boilers) and steam generators.

**GROUP 252 Manufacture of weapons and ammunition**

This group includes manufacture of heavy weapons (artillery, mobile guns, rocket launchers, torpedo tubes, heavy machine guns), manufacture of small arms (revolvers, shotguns, light machine guns), manufacture of air or gas guns and pistols, manufacture of war ammunition, manufacture of hunting, sporting or protective firearms and ammunition and manufacture of explosive devices such as bombs, mines and torpedoes.

**GROUP 259 Manufacture of other fabricated metal products; metalworking service activities**

This group includes general activities for the treatment of metal, such as forging or pressing, plating, coating, engraving, boring, polishing, welding, etc., which are typically carried out on a fee or contract basis. This group also includes the manufacture of a variety of metal products, such as cutlery; metal hand tools and general hardware; cans and buckets; nails, bolts and nuts; metal household articles; metal fixtures; ships propellers and anchors; assembled railway track fixtures, etc. for a variety of household and industrial uses.

**DIVISION 25 : MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT**  
**Group 251 : Manufacture of structural metal products, tanks, reservoirs and steam generators**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2511 <sup>(1)</sup>		<b>Manufacture of structural metal products</b>	
	25111	Manufacture of industrial frameworks in metal <sup>(2)</sup>	28110p
	25112	Manufacture of prefabricated buildings mainly of metal <sup>(3)</sup>	28110p
	25113	Manufacture of metal doors, windows and their frames, shutters and gates	28110p
	25119	Manufacture of other structural metal products <sup>(4)</sup>	28110p

- (1) **Excludes:** (a) manufacture of parts for marine or power boilers, see 25130  
 (b) manufacture of assembled railway track fixtures, see 25999  
 (c) manufacture of sections of ships, see 3011
- (2) **Includes:** frameworks for blast furnaces, lifting and handling equipment, etc.
- (3) **Includes:** site huts, modular exhibition elements, etc.
- (4) **Includes:** (a) manufacture of metal frameworks or skeletons for construction and parts thereof (e.g. towers, masts, trusses, bridges, etc.)  
 (b) metal room partitions for floor attachment



**DIVISION 25 : MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT**  
**Group 251 : Manufacture of structural metal products, tanks, reservoirs and steam generators**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2512 <sup>(1)</sup>		<b>Manufacture of tanks, reservoirs and containers of metal</b>	
	25120	Manufacture of tanks, reservoirs and containers of metal <sup>(2)</sup>	28120p
2513 <sup>(3)</sup>		<b>Manufacture of steam generators, except central heating hot water boilers</b>	
	25130	Manufacture of steam generators, except central heating hot water boilers <sup>(4)</sup>	28130p

- (1) **Excludes:** (a) manufacture of metal casks, drums, cans, pails, boxes, etc. of a kind normally used for carrying and packing of goods (irrespective of size), see 2599  
 (b) manufacture of transport containers, see 2920  
 (c) manufacture of tanks (armoured military vehicles), see 3040
- (2) **Includes:** (a) manufacture of reservoirs, tanks and similar containers of metal, of types normally installed as fixtures for storage or manufacturing use  
 (b) manufacture of metal containers for compressed or liquefied gas  
 (c) manufacture of central heating boilers and radiators
- (3) **Excludes:** (a) manufacture of central heating hot-water boilers and radiators, see 25120  
 (b) manufacture of boiler-turbine sets, see 2811  
 (c) manufacture of isotope separators, see 2829
- (4) **Includes:** (a) manufacture of steam or other vapour generators  
 (b) manufacture of auxiliary plant for use with steam generators (e.g. condensers, economizers, superheaters, steam collectors and accumulators)  
 (c) manufacture of nuclear reactors, except isotope separators  
 (d) manufacture of parts for marine or power boilers

**DIVISION 25 : MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT  
MACHINERY AND EQUIPMENT**

**Group 252 : Manufacture of weapons and ammunition**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2520 <sup>(1)</sup>		Manufacture of weapons and ammunition	
	25200	Manufacture of weapons and ammunition <sup>(2)</sup>	29270p

- (1) **Excludes:**
- (a) manufacture of percussion caps, detonators or signalling flares, see 20299
  - (b) manufacture of cutlasses, swords, bayonets, etc., see 2593
  - (c) manufacture of armoured vehicles for the transport of banknotes or valuables, see 29102
  - (d) manufacture of space vehicles, see 3030
  - (e) manufacture of tanks and other fighting vehicles, see 3040
- (2) **Includes:**
- (a) manufacture of heavy weapons (artillery, mobile guns, rocket launchers, torpedo tubes, heavy machine guns)
  - (b) manufacture of small arms (revolvers, shotguns, light machine guns)
  - (c) manufacture of air or gas guns and pistols
  - (d) manufacture of war ammunition
  - (e) manufacture of military and guided missiles
  - (f) manufacture of hunting, sporting or protective firearms and ammunition
  - (g) manufacture of explosive devices such as bombs, mines and torpedoes
  - (h) manufacture of other weapons and ammunition n.e.c.



**DIVISION 25 : MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT**  
**Group 259 : Manufacture of other fabricated metal products; metal working service activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2591 <sup>(1)</sup>		<b>Forging, pressing, stamping and roll-forming of metal; powder metallurgy</b>	
	25910	Forging, pressing, stamping and roll-forming of metal; powder metallurgy <sup>(2)</sup>	28910
2592 <sup>(3)</sup>		<b>Treatment and coating of metals; machining</b>	
	25920	Treatment and coating of metals; machining <sup>(4)</sup>	28920

- (1) **Excludes:** production of metal powder, see 2410, 2420
- (2) **Includes:** powder metallurgy : production of metal objects directly from metal powders by heat treatment (sintering) or under pressure
- (3) **Excludes:** (a) activities of farriers, see 0162  
(b) rolling precious metals onto base metals or other metals, see 2420
- (4) **Includes:** (a) plating, anodizing, etc. of metal  
(b) heat treatment of metal  
(c) deburring, sandblasting, tumbling, cleaning of metals  
(d) colouring and engraving of metal  
(e) non-metallic coating of metal (e.g. plasticizing, enamelling, lacquering, etc.)  
(f) hardening, buffing of metal  
(g) boring, turning, milling, eroding, planning, lapping, broaching, levelling, sawing, grinding, sharpening, polishing, welding, splicing of metalwork pieces  
(h) cutting of and writing on metals by means of laser beams

**DIVISION 25 : MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT**  
**Group 259 : Manufacture of other fabricated metal products; metal working service activities**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2593 <sup>(1)</sup>		<b>Manufacture of cutlery, hand tools and general hardware</b>	
	25930	Manufacture of cutlery, hand tools and general hardware	28930

- (1) **Includes:**
- (a) manufacture of domestic cutlery such as knives, forks, spoons, etc.
  - (b) manufacture of cleavers and choppers, razors and razor blades, scissors and hair clippers
  - (c) manufacture of knives and cutting blades for machines or for mechanical appliances
  - (d) manufacture of hand tools such as pliers, screwdriver, etc.
  - (e) manufacture of non-power-driven agricultural hand tools
  - (f) manufacture of saws and saw blades, including circular saw blades and chainsaw blades
  - (g) manufacture of interchangeable tools for hand tools, whether or not power-operated, or for machine tools (e.g. drills, punches, milling cutters, etc.)
  - (h) manufacture of blacksmiths' tools (e.g. forges, anvils, etc.)
  - (i) manufacture of vices, clamps
  - (j) manufacture of padlocks, locks, keys, hinges and the like, hardware for buildings, furniture, vehicles, etc.
  - (k) manufacture of cutlasses, swords, bayonets, etc.
  - (l) manufacture of moulding boxes and moulds (except ingot moulds)
  - (m) manufacture of press tools
- Excludes:**
- (a) manufacture of hollowware (pots, kettles, etc.), dinnerware (bowls, platters, etc.) or flatware (plates, saucers, etc.), see 25994
  - (b) manufacture of power-driven hand tools, see 2818
  - (c) manufacture of ingot moulds, see 2823
  - (d) manufacture of cutlery of precious metal, see 3211



**DIVISION 25 : MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT**  
**Group 259 : Manufacture of other fabricated metal products; metal working service activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2599 <sup>(1)</sup>		<b>Manufacture of other fabricated metal products n.e.c.</b>	
	25991	Manufacture of tins and cans for food products, collapsible tubes and boxes <sup>(2)</sup>	28991
	25992	Manufacture of metal cable, plaited bands and similar articles <sup>(3)</sup>	28992p
	25993	Manufacture of bolts, screws, nuts and similar threaded products <sup>(4)</sup>	28992p

- (1) **Excludes:** (a) manufacture of ceramic and ferrite magnets, see 23930  
 (b) manufacture of tanks and reservoirs, see 25120  
 (c) manufacture of swords, bayonets, see 2593  
 (d) manufacture of clock or watch springs, see 26520  
 (e) manufacture of wire and cable for electricity transmission, see 2732  
 (f) manufacture of power transmission chain, see 2814  
 (g) manufacture of shopping carts, see 3099  
 (h) manufacture of metal furniture, see 31002  
 (i) manufacture of sports goods, see 3230  
 (j) manufacture of games and toys, see 3240
- (2) **Includes:** (a) manufacture of pails, cans, drums, buckets, boxes and kegs  
 (b) manufacture of metallic closures
- (3) **Includes:** (a) manufacture of uninsulated metal cable or insulated cable not capable of being used as a conductor of electricity  
 (b) manufacture of articles made of wire (e.g. barbed wire, wire fencing, grill, netting, cloth, etc.)
- (4) **Includes:** (a) manufacture of nails and pins  
 (b) manufacture of rivets, washers and similar non-threaded products  
 (c) manufacture of screw machine products  
 (d) manufacture of springs (except watch springs)  
 (e) manufacture of chain, except power transmission chain

**DIVISION 25 : MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT**  
**Group 259 : Manufacture of other fabricated metal products; metal working service activities**



CLASS	ITEM	DESCRIPTION	MSIC 2000
	25994	Manufacture of metal household articles <sup>(1)</sup>	28993, 28999p
	25999	Manufacture of any other fabricated metal products n.e.c. <sup>(2)</sup>	28999p

- (1) **Includes:**
- (a) manufacture of plates, saucers, pots, kettles, bowls, platters, saucepans, frying pans, metal scouring pads, etc.
  - (b) manufacture of baths, sinks, washbasins and similar articles
  - (c) manufacture of metal vacuum jugs and bottles

- (2) **Includes:**
- (a) manufacture of safes, strongboxes, armoured doors, etc.
  - (b) manufacture of various metal articles (e.g. ship propellers and blades therefore; anchors; bells; assembled railway track fixture; clasps buckles, hooks)
  - (c) manufacture of foil bags
  - (d) manufacture of permanent metallic magnets
  - (e) manufacture of metal badges and metal military insignia
  - (f) manufacture of metal hair curlers, metal umbrella handles and frames, combs, etc.
  - (g) manufacture of metal weights as used for weightlifting

**DIVISION 26 MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS**

This division includes the manufacture of computers, computer peripherals, communications equipment, and similar electronic products, as well as the manufacture of components for such products. Production processes of this division are characterized by the design and use of integrated circuits and the application of highly specialized miniaturization technologies.

The division also contains the manufacture of consumer electronics, measuring, testing, navigating, and control equipment, irradiation, electro medical and electrotherapeutic equipment, optical instruments and equipment, and the manufacture of magnetic and optical media.

**GROUP 261 Manufacture of electronic components and boards**

This group includes the manufacture of semiconductors and other components for electronic applications.

**GROUP 262 Manufacture of computers and peripheral equipment**

This group includes the manufacture and/or assembly of electronic computers, such as mainframes, desktop computers, laptops and computer servers; and computer peripheral equipment, such as storage devices and input/output devices (printers, monitors, keyboards). Computers can be analogue, digital, or hybrid. Digital computers, the most common type, are devices that do all of the following: (1) store the processing program or programs and the data immediately necessary for the execution of the program, (2) can be freely programmed in accordance with the requirements of the user, (3) perform arithmetical computations specified by the user and (4) execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run. Analogue computers are capable of simulating mathematical models and comprise at least analogue control and programming elements.

**GROUP 263 Manufacture of communication equipment**

This group includes the manufacture of telephone and data communications equipment used to move signals electronically over wires or through the air such as radio and television broadcast and wireless communications equipment.

**GROUP 264 Manufacture of consumer electronics**

This group includes the manufacture of electronic audio and video equipment for home entertainment, motor vehicle, public address systems and musical instrument amplification.

**GROUP 265 Manufacture of measuring, testing, navigating and control equipment; watches and clocks**

This group includes the manufacture of measuring, testing, navigating and control equipment for various industrial and non-industrial purposes, including time-based measuring devices such as watches and clocks and related devices.

**GROUP 266 Manufacture of irradiation, electro medical and electrotherapeutic equipment**

This group includes manufacture of irradiation apparatus and tubes (e.g. industrial, medical diagnostic, medical therapeutic, research, scientific), manufacture of CT scanners, manufacture of PET scanners, manufacture of magnetic resonance imaging (MRI) equipment, manufacture of medical ultrasound equipment, manufacture of electrocardiographs, manufacture of electro medical endoscopes equipment, manufacture of medical laser equipment, manufacture of pacemakers, manufacture of hearing aids and manufacture of food and milk irradiation equipment.

**GROUP 267 Manufacture of optical instruments and photographic equipment**

This group includes the manufacture of optical instruments and lenses, such as binoculars, microscopes (except electron, proton), telescopes, prisms and lenses (except ophthalmic); the coating or polishing of lenses (except ophthalmic); the mounting of lenses (except ophthalmic) and the manufacture of photographic equipment such as cameras and light meters.

**GROUP 268 Manufacture of magnetic and optical media**

This group includes the manufacture of magnetic and optical recording media.

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**DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS**

**Group 261 : Manufacture of electronic components and boards**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2610 <sup>(1)</sup>		Manufacture of electronic components and boards	
	26101	Manufacture of diodes, transistors and similar semiconductor devices <sup>(2)</sup>	32101p
	26102	Manufacture electronic integrated circuits micro assemblies <sup>(3)</sup>	32101p

- (1) **Excludes:**
- (a) printing of smart cards, see 1811
  - (b) manufacture of modems (carrier equipment), see 2630
  - (c) manufacture of computer, see 26201 and television displays, see 26400
  - (d) manufacture of X-ray tubes and similar irradiation devices, see 26600
  - (e) manufacture of optical equipment and instruments, see 2670
  - (f) manufacture of similar devices for electrical applications, see division 27
  - (g) manufacture of lighting ballasts, see 27101
  - (h) manufacture of electrical relays, see 27102
  - (i) manufacturing of electrical wiring devices, see 2733
  - (j) manufacture of complete equipment is classified elsewhere based on complete equipment classification
- (2) **Includes:**
- (a) manufacture of diodes, transistors, and related discrete devices
  - (b) manufacture of dice or wafers, semiconductor, finished or semi-finished
  - (c) manufacture of light emitting diodes (LED)
- (3) **Includes:**
- (a) manufacture of microprocessors
  - (b) manufacture of integrated circuit (analogue, digital or hybrid)
  - (c) manufacture of optical cable sets or assemblies

**DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS**

**Group 261 : Manufacture of electronic components and boards**



CLASS	ITEM	DESCRIPTION	MSIC 2000
	26103	Manufacture of electrical capacitors and resistors <sup>(1)</sup>	32102p
	26104	Manufacture of printed circuit boards <sup>(2)</sup>	32102p
	26105	Manufacture of display components <sup>(3)</sup>	32102p
	26109	Manufacture of other components for electronic applications <sup>(4)</sup>	32109

- (1) **Includes:** (a) manufacture of capacitors, electronic  
(b) manufacture of resistors, electronic
- (2) **Includes:** (a) manufacture of bare printed circuit boards  
(b) loading of components onto printed circuit boards  
(c) printed circuit boards assemblies
- (3) **Includes:** (a) manufacture of electron tubes  
(b) manufacture of display components (plasma, polymer, LCD)
- (4) **Includes:** (a) manufacture of solenoids, switches and transducers for electronic applications  
(b) manufacture of interface cards (e.g. sound, video, controllers, network)  
(c) manufacture of printer cables, monitor cables, USB cables, connectors, etc.  
(d) manufacture of internal/external computer modems  
(e) manufacture of electronic component-type connectors, sockets, and switches  
(f) manufacture of inductors (e.g. chokes, coils, transformers), electronic component type  
(g) manufacture of electronic crystals and crystal assemblies  
(h) manufacture of other components for electronic applications n.e.c.



**DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS**

**Group 262 : Manufacture of computers and peripheral equipment**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2620 <sup>(1)</sup>		<b>Manufacture of computers and peripheral equipment</b>	
	26201	Manufacture of computers <sup>(2)</sup>	30002p
	26202	Manufacture of peripheral equipment <sup>(3)</sup>	30002p

- (1) **Excludes:**
- (a) reproduction of recorded media (e.g. computer media, sound, video, etc.) see 1820
  - (b) manufacture of electronic components and electronic assemblies used in computers and peripherals, see 26102
  - (c) manufacture of internal/external computer modems, see 26109
  - (d) manufacture of interface cards, modules and assemblies, see 26109
  - (e) manufacture of modems, carrier equipment, see 2630
  - (f) manufacture of digital communication switches, data communications equipment (e.g. bridges, routers, gateways), see 2630
  - (g) manufacture of consumer electronic devices (e.g. CD players and DVD players), see 2640
  - (h) manufacture of television monitors and displays, see 2640
  - (i) manufacture of video game consoles, see 2640
  - (j) manufacture of blank optical and magnetic media for use with computers or other devices, see 2680
- (2) **Includes:**
- (a) manufacture of desktop computers
  - (b) manufacture of laptop computers
  - (c) manufacture of main frame computers
  - (d) manufacture of hand-held computers (e.g. PDA)
- (3) **Includes:**
- (a) manufacture of magnetic disk drives, flash drives and other storage devices
  - (b) manufacture of optical CD-RW, CD-ROM, DVD-ROM, DVD-RW, disk drives
  - (c) manufacture of printers
  - (d) manufacture of monitors
  - (e) manufacture of keyboards
  - (f) manufacture of all types of mice, joysticks and trackball accessories
  - (g) manufacture of dedicated computer terminal (e.g. automatic teller machines, point-of-sale terminal, etc.)
  - (h) manufacture of computer servers
  - (i) manufacture of other peripheral equipment n.e.c. (e.g. scanners, including bar code scanners, smart card readers)

**DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS**

**Group 263 : Manufacture of communication equipment**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2630 <sup>(1)</sup>		<b>Manufacture of communication equipment</b>	
	26300	Manufacture of communication equipment	32200p

- (1) **Includes:**
- (a) manufacture of central office switching equipment
  - (b) manufacture of cordless telephones
  - (c) manufacture of private branch exchange (PBX) equipment
  - (d) manufacture of telephone and facsimile equipment, including telephone answering machines
  - (e) manufacture of data communications equipment (e.g. bridges, routers and gateways)
  - (f) manufacture of transmitting and receiving antenna
  - (g) manufacture of cable television equipment
  - (h) manufacture of pagers
  - (i) manufacture of cellular phones
  - (j) manufacture of mobile communication equipment
  - (k) manufacture of radio and television studio and broadcasting equipment, including television cameras
  - (l) manufacture of local area network and wide area network communication equipment (e.g. bridges, routers, gateways, etc.)
  - (m) manufacture of modems, carrier equipment
  - (n) manufacture of burglar and fire alarm systems, sending signals to a control station
  - (o) manufacture of radio and television transmitters
  - (p) manufacture of infrared devices (e.g. remote controls)
  - (q) manufacture of telecommunication equipment for satellites
- Excludes:**
- (a) manufacture of computer and computer peripheral equipment, see 2620
  - (b) manufacture of consumer audio and video equipment, see 2640
  - (c) manufacture of electronic components and subassemblies used in communications equipment, see 26102
  - (d) manufacture of internal/external computer modems (PC-type), see 26109
  - (e) manufacture of electronic scoreboards, see 27900
  - (f) manufacture of traffic lights, see 27900



**DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS**

**Group 264 : Manufacture of consumer electronics**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2640 <sup>(1)</sup>		Manufacture of consumer electronics	
	26400	Manufacture of consumer electronics	32300p

- (1) **Includes:**
- (a) manufacture of video cassette recorders and duplicating equipment
  - (b) manufacture of televisions
  - (c) manufacture of television monitors and displays
  - (d) manufacture of audio recording and duplicating systems
  - (e) manufacture of stereo equipment
  - (f) manufacture of radio receivers
  - (g) manufacture of speaker systems
  - (h) manufacture of household-type video cameras
  - (i) manufacture of jukeboxes
  - (j) manufacture of amplifiers for musical instruments and public address systems
  - (k) manufacture of microphones
  - (l) manufacture of CD and DVD players
  - (m) manufacture of karaoke machines
  - (n) manufacture of headphones (e.g. radio, stereo, computer)
  - (o) manufacture of video game consoles
  - (p) manufacture of other consumer electronics equipment n.e.c.
- Excludes:**
- (a) reproduction of recorded media (computer media, sound, video, etc.), see 1820
  - (b) manufacture of computer peripheral devices and computer monitors, see 2620
  - (c) manufacture of telephone answering machines, see 2630
  - (d) manufacture of paging equipment, see 2630
  - (e) manufacture of remote control devices (radio and infrared), see 2630
  - (f) manufacture of broadcast studio equipment such as reproduction equipment, transmitting and receiving antennas, commercial video cameras, see 2630
  - (g) manufacture of electronic games with fixed (non-replaceable) software, see 3240

DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS  
 Group 265 : Manufacture of measuring, testing, navigating and control equipment; watches and clocks



CLASS	ITEM	DESCRIPTION	MSIC 2000
2651 <sup>(1)</sup>		Manufacture of measuring, testing, navigating and control equipment	

(1) **Includes:** manufacture of GPS devices

- Excludes:**
- (a) manufacture of telephone answering machines, see 2630
  - (b) manufacture of irradiation equipment, see 2660
  - (c) manufacture of optical measuring and checking devices and instruments (e.g. fire control equipment, photographic light meters, range finders, etc.), see 26701
  - (d) manufacture of optical positioning equipment, see 26701
  - (e) manufacture of dictating machines, see 2817
  - (f) manufacture of simple mechanical measuring tools (e.g. measuring tapes, callipers, see manufacturing class according to main material used)
  - (g) manufacturing of medical thermometers, see 3250
  - (h) installation of industrial process control equipment, see 3320



**DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS**

**Group 265 : Manufacture of measuring, testing, navigating and control equipment; watches and clocks**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	26511	Manufacture of measuring, testing, navigating and control equipment <sup>(1)</sup>	33120p

- (1) **Includes:**
- (a) manufacture of aircraft engine instruments
  - (b) manufacture of automotive emissions testing equipment
  - (c) manufacture of meteorological instrument
  - (d) manufacture of physical properties testing and inspection equipment
  - (e) manufacture of polygraph machines
  - (f) manufacture of instruments for measuring and testing electricity and electrical signals (including for telecommunications)
  - (g) manufacture of radiation detection and monitoring instruments
  - (h) manufacture of surveying instruments
  - (i) manufacture of thermometers liquid-in-glass and bimetal types (except medical)
  - (j) manufacture of humidistat
  - (k) manufacture of hydronic limit controls
  - (l) manufacture of flame and burner controls
  - (m) manufacture of spectrometers
  - (n) manufacture of pneumatics gauges
  - (o) manufacture of consumption meters (e.g. water, gas)
  - (p) manufacture of flow meters and counting devices
  - (q) manufacture of tally counters
  - (r) manufacture of mine detectors, pulse (signal) generators; metal detectors
  - (s) manufacture of search, detection, navigation, aeronautical and nautical equipment, including sonobuoys
  - (t) manufacture of environmental controls and automatic controls for appliances

**DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS**  
**Group 265 : Manufacture of measuring, testing, navigating and control equipment; watches and clocks**



CLASS	ITEM	DESCRIPTION	MSIC 2000
	26512	Manufacture of industrial process control equipment <sup>(1)</sup>	33130p
<b>2652<sup>(2)</sup></b>		<b>Manufacture of watches and clocks</b>	
	26520	Manufacture of watches and clocks and parts	33300

- (1) **Includes:**
- (a) manufacture of measuring and recording equipment (e.g. flight recorders)
  - (b) manufacture of motion detectors
  - (c) manufacture of laboratory analytical instruments (e.g. blood analysis equipment)
  - (d) manufacture of laboratory type distilling apparatus, laboratory centrifuges, laboratory ultrasonic cleaning machinery
  - (e) manufacture of laboratory scales, balances, incubators and miscellaneous laboratory apparatus for measuring, testing, etc.
  - (f) manufacture of other measuring and controlling devices, such as radiation detection equipment, polygraph machines, thermometers (except bimetal medical type), meteorological instruments
- (2) **Includes:**
- (a) manufacture of watches and clocks of all kinds, including instrument panel clocks
  - (b) manufacture of watches and clock cases, including cases of precious metals
  - (c) manufacture of components for clocks and watches
  - (d) manufacture of time-recording equipment and equipment for measuring, recording and otherwise displaying intervals of time with a watch or clock movement or with synchronous motor, such as parking meters, time clocks, time/date stamps, process timers
  - (e) manufacture of time switches and other releases with a watch or clock movement or with synchronous motor such as manufacture of time locks, etc.
- Excludes:**
- (a) manufacture of non-metal watch bands (textile, leather, plastic), see 1512
  - (b) manufacture of watch bands of precious metal, see 3211
  - (c) manufacture of watch bands of non-precious metal, see 3212



**DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS**

**Group 266 : Manufacture of irradiation, electro medical and electrotherapeutic equipment**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2660 <sup>(1)</sup>		<b>Manufacture of irradiation, electro medical and electrotherapeutic equipment</b>	
	26600	Manufacture of irradiation, electro medical and electrotherapeutic equipment <sup>(2)</sup>	33110p

- (1) **Excludes:**
- (a) manufacture of laboratory analytical instruments (e.g. blood analysis equipment), see 26512
  - (b) manufacture of tanning beds, see 27900
- (2) **Includes:**
- (a) manufacture of irradiation apparatus and tubes
  - (b) manufacture of X-ray equipment
  - (c) manufacture of CT scanner
  - (d) manufacture of PET scanner
  - (e) manufacture of MRI equipment
  - (f) manufacture of medical laser equipment
  - (g) manufacture of medical endoscopic equipment
  - (h) manufacture of food and milk irradiation equipment
  - (i) manufacture of medical ultrasound equipment
  - (j) manufacture of electrocardiographs
  - (k) manufacture of pacemakers
  - (l) manufacture of hearing aids
  - (m) manufacture of other irradiation equipment, electro medical and electrotherapeutic equipment n.e.c.

**DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS**  
**Group 267 : Manufacture of optical instruments and photographic equipment**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2670 <sup>(1)</sup>		<b>Manufacture of optical instruments and photographic equipment</b>	
	26701	Manufacture of optical instruments and equipment <sup>(2)</sup>	33201p
	26702	Manufacture of photographic equipment <sup>(3)</sup>	33202p

- (1) **Excludes:**
- (a) manufacture of computer projectors, see 2620
  - (b) manufacture of commercial TV and video cameras, see 2630
  - (c) manufacture of household-type video cameras, see 2640
  - (d) manufacture of complete equipment using laser components, see manufacturing class by type of machinery (e.g. medical laser equipment), see 2660
  - (e) manufacture of photocopy machinery, see 2817
  - (f) manufacture of ophthalmic goods, see 3250
- (2) **Includes:**
- (a) manufacture of optical machinist's precision tools
  - (b) manufacture of optical mirrors
  - (c) manufacture of optical gun sighting, optical positioning equipment
  - (d) manufacture of magnifying instruments, optical comparators
  - (e) manufacture of optical measuring and checking devices and instrument: fire control equipment, photographic light meters
  - (f) manufacture of laser assemblies
  - (g) manufacture of lenses, optical microscopes, binoculars and telescopes
  - (h) manufacture of other optical instruments and equipments n.e.c.
- (3) **Includes:**
- (a) manufacture of film cameras and digital cameras
  - (b) manufacture of motion picture and slides projectors
  - (c) manufacture of overhead transparency projectors
  - (d) manufacture of other photographic equipment n.e.c.



**DIVISION 26 : MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS**

**Group 268 : Manufacture of magnetic and optical media**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2680 <sup>(1)</sup>		<b>Manufacture of magnetic and optical media</b>	
	26800	Manufacture of magnetic and optical recording media	30002p

- (1) **Includes:**
- (a) manufacture of blank magnetic audio and video tapes and cassettes
  - (b) manufacture of blank diskettes
  - (c) manufacture of blank optical discs
  - (d) manufacture of hard drive media
  - (e) manufacture of other magnetic and optical recording media n.e.c.
  - (f) manufacture of storage units for use with computer or other devices including memory cards, thumb drives/pen drives, etc.

**Excludes:** reproduction of recorded media: computer media, sound, video, etc., see 1820

**DIVISION 27 MANUFACTURE OF ELECTRICAL EQUIPMENT**

This division includes the manufacture of products that generate, distribute and use electrical power. Also included is the manufacture of electrical lighting, signalling equipment and electric household appliances.

This division excludes the manufacture of electronic products (see division 26).

**GROUP 271 Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus**

This group includes the manufacture of power, distribution and specialty transformers; electric motors, generators and motor generator sets; switchgear and switchboard apparatus; relays and industrial controls. The electrical equipment manufactured in this group is for distribution level voltages.

**GROUP 272 Manufacture of batteries and accumulators**

This group includes the manufacture of non-rechargeable and rechargeable batteries.

**GROUP 273 Manufacture of wiring and wiring devices**

This group includes the manufacture of current-carrying wiring devices and non current-carrying wiring devices for wiring electrical circuits regardless of material. This group also includes the insulating of wire and the manufacture of fibre optic cables.

**GROUP 274 Manufacture of electric lighting equipment**

This group includes the manufacture of electric light bulbs and tubes and parts and components thereof (except glass blanks for electric light bulbs), electric lighting fixtures and lighting fixture components (except current-carrying wiring devices).

**GROUP 275 Manufacture of domestic appliances**

This group includes the manufacture of small electric appliances and electric house wares, household-type fans, household-type vacuum cleaners, electric household-type floor care machines, household-type cooking appliances, household-type laundry equipment, household-type refrigerators, upright and chest freezers and other electrical and non-electrical household appliances, such as dishwashers, water heaters and garbage disposal units. This group includes the manufacture of appliances with electric, gas or other fuel sources.

**GROUP 279 Manufacture of other electrical equipment**

This group includes the manufacture of miscellaneous electrical equipment other than motors, generators and transformers, batteries and accumulators, wires and wiring devices, lighting equipment or domestic appliances.

**DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT**  
**Group 271 : Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2710 <sup>(1)</sup>		Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	
	27101	Manufacture of electric motors, generators and transformers <sup>(2)</sup>	31100p

- (1) **Excludes:**
- (a) manufacture of electronic component-type transformers and switches, see 26102
  - (b) manufacture of environmental controls and industrial process control instruments, see 26511
  - (c) manufacture of switches for electrical circuits (e.g. pushbutton and snap switches), see 2733
  - (d) manufacture of electric welding and soldering equipment, see 27900
  - (e) manufacture of solid state inverters, rectifiers and converters, see 27900
  - (f) manufacture of turbine-generator sets, see 2811
  - (g) manufacture starting motors and generators for internal combustion engines, see 2930
- (2) **Includes:**
- (a) manufacture of distribution transformers, electric
  - (b) manufacture of arc-welding transformers
  - (c) manufacture of fluorescent ballasts (e.g. transformers)
  - (d) manufacture of substation transformers for electric power distribution
  - (e) manufacture of electric motors (except internal combustion engine starting motors)
  - (f) manufacture of power generators (except battery, charging alternators for internal combustion engines)
  - (g) manufacture of motor generators sets (except turbine generator set units)
  - (h) manufacture of prime mover generator sets

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**DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT**  
**Group 271 : Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	27102	Manufacture of electricity distribution and control apparatus <sup>(1)</sup>	31200p

- (1) **Includes:**
- (a) manufacture of transmission and distribution voltage regulators
  - (b) manufacture of power circuit breakers
  - (c) manufacture of control panels for electric power distribution
  - (d) manufacture of electrical relays
  - (e) manufacture of duct for electrical switchboard apparatus
  - (f) manufacture of electric fuses
  - (g) manufacture of power switching equipment
  - (h) manufacture of electric power switches (except push button, snap, solenoid, tumbler)
  - (i) rewinding of armatures on a factory basis

**DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT**  
**Group 272 : Manufacture of batteries and accumulators**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2720		Manufacture of batteries and accumulators	
	27200	Manufacture of batteries and accumulators <sup>(1)</sup>	31400p

- (1) **Includes:**
- (a) manufacture of non-rechargeable and rechargeable batteries
  - (b) manufacture of primary cells and primary batteries (e.g. cells containing manganese dioxide, mercuric dioxide, silver oxide, etc.)
  - (c) manufacture of electric accumulators, including parts thereof (e.g. separators, containers, covers)
  - (d) manufacture of lead acid batteries
  - (e) manufacture of NiCad batteries
  - (f) manufacture of lithium batteries
  - (g) manufacture of dry cell batteries
  - (h) manufacture of wet cell batteries
  - (i) manufacture of other types of batteries and accumulators n.e.c.



**DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT**  
**Group 273 : Manufacture of wiring and wiring devices**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2731 <sup>(1)</sup>		<b>Manufacture of fibre optic cables</b>	
	27310	Manufacture of fibre optic cables	31301p
2732 <sup>(2)</sup>		<b>Manufacture of other electronic and electric wires and cables</b>	
	27320	Manufacture of other electronic and electric wires and cables	31302p

- (1) **Includes:** manufacture of fibre optic cables for data transmission or live transmission of images
- Excludes:** (a) manufacture of glass fibres or strand, see 23109  
 (b) manufacture of optical cable sets or assemblies, see depending on application, e.g. 26102
- (2) **Includes:** manufacture of insulated wire and cable, made of steel, copper, and aluminium
- Excludes:** (a) manufacture (drawing) of wire, see 24102, 24104, 24109, 24209  
 (b) manufacture of computer cables, printer cables, USB cables and similar cable sets or assemblies, see 26109  
 (c) manufacture of cable sets, wiring harnesses and similar cable sets or assemblies for automotive applications, see 29300

DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT  
 Group 273 : Manufacture of wiring and wiring devices



CLASS	ITEM	DESCRIPTION	MSIC 2000
2733 <sup>(1)</sup>		Manufacture of wiring devices	
	27330	Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material	25209p, 31200p, 31309p, 31900p

- (1) **Includes:**
- (a) manufacture of bus bars, electrical conductors (except switchgear-type)
  - (b) manufacture of GFCI (ground fault circuit interrupters)
  - (c) manufacture of lamp holders
  - (d) manufacture of lighting arrestors and coils
  - (e) manufacture of switches for electrical wiring (e.g. pressure, pushbutton, snap, tumbler switches)
  - (f) manufacture of electrical outlets and sockets
  - (g) manufacture of boxes for electrical wiring (e.g. junction, outlet, switch boxes)
  - (h) manufacture of electrical conduit and fitting
  - (i) manufacture of transmission pole and line hardware
  - (j) manufacture of plastic non current-carrying wiring devices including plastics junction boxes, face plates, and similar, plastic pole line fittings
  - (k) manufacture of current-carrying wiring devices for lighting fixtures
  - (l) manufacture of communication and energy wire
  - (m) manufacture of other wiring devices n.e.c.
- Excludes:**
- (a) manufacture of ceramic insulators, see 23930
  - (b) manufacture of sockets, and switches, see 26109



**DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT**  
**Group 274 : Manufacture of electric lighting equipment**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2740 <sup>(1)</sup>		Manufacture of electric lighting equipment	
	27400	Manufacture of electric lighting equipment	31500p, 31900p

- (1) **Includes:**
- (a) manufacture of electric light bulbs and tubes and parts and components
  - (b) manufacture of lighting fixtures
  - (c) manufacture of non-electrical lighting equipment
  - (d) manufacture of lighting fixture components (except current-carrying wiring devices)
  - (e) manufacture of lighting equipment for motor vehicles, ships, aircraft
- Excludes:**
- (a) manufacture of glassware and glass parts for lighting fixtures, see 23109
  - (b) manufacture of current-carrying wiring devices for lighting fixtures, see 27330
  - (c) manufacture of ceiling fans or bath fans with integrated lighting fixtures, see 27500
  - (d) manufacture of electrical signalling equipment such as traffic lights and pedestrian signalling equipment, see 27900

**DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT**  
**Group 275 : Manufacture of domestic appliances**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2750 <sup>(1)</sup>		Manufacture of domestic appliances	
	27500	Manufacture of domestic appliances	29300

- (1) **Includes:**
- (a) manufacture of refrigerators, freezers
  - (b) manufacture of dishwashers, washing and drying machines
  - (c) manufacture of vacuum cleaners, floor polishers, waste disposers
  - (d) manufacture of grinders, blenders, juice squeezers, tin openers, electric shavers and other electric personal care device
  - (e) manufacture of ventilating or recycling hoods
  - (f) manufacture of ceiling fans or bath fans with integrated lighting fixtures
  - (g) manufacture of electric water heater, electric blankets, electric hair dryers, electric smoothing irons, household-type fans, electric ovens, microwave ovens, cookers, hotplates, toasters, coffee or tea makers, fry pans, roasters, grills, electric heating
  - (h) manufacture of non-electric space heaters, cooking ranges, grates, stoves, water heaters, cooking appliances, etc.
  - (i) manufacture of other household and domestic electric appliances n.e.c.
- Excludes:**
- (a) manufacture of commercial and industrial refrigerators and freezers, room air-conditioners, attic fans, permanent mount space heaters and commercial ventilation and exhaust fans, commercial-type cooking equipment; commercial-type laundry, dry-cleaning, and pressing equipment; commercial, industrial and institutional vacuum cleaners, see division 28
  - (b) manufacture of household-type sewing machines, see 28260
  - (c) installation of central vacuum cleaning systems, see 43294



**DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT**  
**Group 279 : Manufacture of other electrical equipment**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2790 <sup>(1)</sup>		Manufacture of other electrical equipment	

- (1) **Excludes:**
- (a) manufacture of porcelain electrical insulators, see 23930
  - (b) manufacture of carbon and graphite fibres and products (except electrodes and electrical applications), see 23990
  - (c) manufacture of electronic component-type rectifiers, voltage regulating integrated circuits, power converting integrated circuits, electronic capacitors, electronic resistors and similar devices, see 26102, 26103
  - (d) manufacture of transformers, motors, generators, switchgear, relays and industrial controls, see 2710
  - (e) manufacture of batteries, see 27200
  - (f) manufacture of communication and energy wire, current-carrying and non current-carrying wiring devices, see 27330
  - (g) manufacture of lighting equipment, see 27400
  - (h) manufacture of household-type appliances, see 27500
  - (i) manufacture of non-electrical welding and soldering equipment, see 28199
  - (j) manufacture of motor vehicle electrical equipment (e.g. generators, alternators, spark plugs, ignition wiring harnesses, power window and door systems, voltage regulators), see 29300
  - (k) manufacture of mechanical and electromechanical signalling, safety and traffic control equipment for railways, tramways, inland waterways, roads, parking facilities, airfields, see 30200

**DIVISION 27 : MANUFACTURE OF ELECTRICAL EQUIPMENT**  
**Group 279 : Manufacture of other electrical equipment**



CLASS	ITEM	DESCRIPTION	MSIC 2000
	27900	Manufacture of miscellaneous electrical equipment other than motors, generators and transformers, batteries and accumulators, wires and wiring devices, lighting equipment or domestic appliances <sup>(1)</sup>	31900

- (1) **Includes:**
- (a) manufacture of battery charges, solid-state
  - (b) manufacture of door opening and closing devices, electrical
  - (c) manufacture of electric bells
  - (d) manufacture of extension cords made from purchased insulated wire
  - (e) manufacture of ultrasonic cleaning machines (except laboratory and dental)
  - (f) manufacture of solid state inverters, rectifying apparatus, fuel cells, regulated and unregulated power supplies
  - (g) manufacture of uninterruptible power supplies (UPS)
  - (h) manufacture of surge suppressors (except for distribution level voltage)
  - (i) manufacture of appliance cords, extension cords, and other electrical cord sets with insulated wire and connectors
  - (j) manufacture of carbon and graphite electrodes, contacts, and other electrical carbon and graphite products
  - (k) manufacture of particle accelerators
  - (l) manufacture of electrical capacitors, resistors, condensers and similar components
  - (m) manufacture of electromagnet
  - (n) manufacture of sirens
  - (o) manufacture of electronic scoreboards
  - (p) manufacture of electrical signs
  - (q) manufacture of electrical signalling equipment such as traffic lights and pedestrian signalling equipment
  - (r) manufacture of electrical insulators (except glass or porcelain), base metal conduit and fittings
  - (s) manufacture of electrical insulators equipment and component of internal combustion engines
  - (t) manufacture of electrical welding and soldering equipment, including hand-held soldering irons, soldering guns
  - (u) manufacture of tanning beds
  - (v) manufacture of other electrical equipment n.e.c

**DIVISION 28 MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.**

This division includes the manufacture of machinery and equipment that act independently on materials either mechanically or thermally or perform operations on materials (such as handling, spraying, weighing or packing), including their mechanical components that produce and apply force, and any specially manufactured primary parts. This includes the manufacture of fixed and mobile or hand-held devices, regardless of whether they are designed for industrial, building and civil engineering, agricultural or home use. The manufacture of special equipment for passenger or freight transport within demarcated premises also belongs within this division.

This division distinguishes between the manufacture of special-purpose machinery, i.e.: machinery for exclusive use in an MSIC industry or a small cluster of MSIC industries, and general-purpose machinery, i.e.: machinery that is being used in a wide range of MSIC industries.

This division also includes the manufacture of other special-purpose machinery, not covered elsewhere in the classification, whether or not used in a manufacturing process, such as fairground amusement equipment, automatic bowling alley equipment, etc.

This division excludes the manufacture of metal products for general use (division 25), associated control devices, computer equipment, measurement and testing equipment, electricity distribution and control apparatus (divisions 26 and 27) and general-purpose motor vehicles (divisions 29 and 30).

**GROUP 281 Manufacture of general-purpose machinery**

This group includes the manufacture of general-purpose machinery, i.e.: machinery that is being used in a wide range of MSIC industries. This can include the manufacture of components used in the manufacture of a variety of other machinery or the manufacture of machinery that support the operation of other businesses.

**GROUP 282 Manufacture of special-purpose machinery**

This group includes the manufacture of special-purpose machinery, i.e.: machinery for exclusive use in an MSIC industry or a small cluster of MSIC industries. While most of these are used in other manufacturing processes, such as food manufacturing or textile manufacturing, this group also includes the manufacture of machinery specific for other (non-manufacturing industries), such as aircraft launching gear or amusement park equipment.

**DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.**  
**Group 281 : Manufacture of general purpose machinery**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2811 <sup>(1)</sup>		Manufacture of engines and turbines, except aircraft, vehicle and cycle engines	
	28110	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines	29110p

- (1) **Includes:**
- (a) manufacture of marine engines
  - (b) manufacture of railway engines
  - (c) manufacture of pistons, piston rings, carburettors and such for all internal combustion engines, diesel engines, etc.
  - (d) manufacture of inlet and exhaust valves of internal combustion engines
  - (e) manufacture of steam turbines and other vapour turbines
  - (f) manufacture of hydraulic turbines, waterwheels and regulators thereof
  - (g) manufacture of wind turbines
  - (h) manufacture of gas turbines, except turbojets or turbo propellers for aircraft propulsion
  - (i) manufacture of boiler-turbine sets
  - (j) manufacture of turbine-generator sets
- Excludes:**
- (a) manufacture of electric generators (except turbine generator sets), see 27101
  - (b) manufacture of prime mover generator sets (except turbine generator sets), see 27101
  - (c) manufacture of electrical equipment and components of internal combustion engines, see 27900
  - (d) manufacture of motor vehicle propulsion engines, see 2910
  - (e) manufacture of aircraft propulsion engines, see 30300
  - (f) manufacture of cycle propulsion engines, see 30910
  - (g) manufacture of turbojets and turbo propellers, see 30300



**DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.**  
**Group 281 : Manufacture of general purpose machinery**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2812 <sup>(1)</sup>		<b>Manufacture of fluid power equipment</b>	
	28120	Manufacture of fluid power equipment	29120p
2813 <sup>(2)</sup>		<b>Manufacture of other pumps, compressors, taps and valves</b>	
	28130	Manufacture of other pumps, compressors, taps and valves	29120p

- (1) **Includes:**
- (a) manufacture of hydraulic and pneumatic components (including hydraulic pumps, hydraulic motors, hydraulic and pneumatic cylinders, hydraulic and pneumatic valves, hydraulic and pneumatic hose and fittings)
  - (b) manufacture of air preparation equipment to use in pneumatic systems
  - (c) manufacture of fluid power systems
  - (d) manufacture of hydraulic transmission equipment
- Excludes:**
- (a) manufacture of compressors, see 28130
  - (b) manufacture of pumps and valves for non-fluid power applications, see 28130
  - (c) manufacture of mechanical transmission equipment, see 28140
- (2) **Includes:**
- (a) manufacture of air or vacuum pumps, air or other gas compressors
  - (b) manufacture of pumps for liquids whether or not fitted with a measuring device
  - (c) manufacture of pumps designed for fitting to internal combustion engines (e.g. oil, water and fuel pumps for motor vehicles, etc.)
  - (d) manufacture of industrial taps and valves, including regulating valves and intake taps
  - (e) manufacture of sanitary taps and valves
  - (f) manufacture of heating taps and valves
  - (g) manufacture of hand pumps
- Excludes:**
- (a) manufacture of valves of unhardened vulcanized rubber, glass or of ceramic materials, see 22191, 2310 or 2393
  - (b) manufacture of hydraulic transmission equipment, see 28120
  - (c) manufacture of inlet and exhaust valves of internal combustion engines, see 28110

**DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.**  
**Group 281 : Manufacture of general purpose machinery**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2814 <sup>(1)</sup>		<b>Manufacture of bearings, gears, gearing and driving elements</b>	
	28140	Manufacture of bearings, gears, gearing and driving elements	29130p
2815 <sup>(2)</sup>		<b>Manufacture of ovens, furnaces and furnace burners</b>	
	28150	Manufacture of ovens, furnaces and furnace burners	29140p

- (1) **Includes:**
- (a) manufacture of ball and roller bearings and parts thereof
  - (b) manufacture of mechanical power transmission equipment
  - (c) manufacture of gears, gearing and gear boxes and other speed changers
  - (d) manufacture of clutches and shaft couplings
  - (e) manufacture of flywheels and pulleys
  - (f) manufacture of articulated link chain
  - (g) manufacture of power transmission chain
- Excludes:**
- (a) manufacture of other chain, see 25993
  - (b) manufacture of (electromagnetic) clutches, see 29300
  - (c) manufacture of sub-assemblies of power transmission equipment identifiable as parts of vehicles or aircraft, see divisions 29 and 30
- (2) **Includes:**
- (a) manufacture of electrical and other industrial and laboratory furnaces and ovens, including incinerators
  - (b) manufacture of burners
  - (c) manufacture of permanent mount electric space heaters, electric swimming pool heaters
  - (d) manufacture of permanent mount non-electric household heating equipment (e.g. solar heating, steam heating, oil heat and similar furnaces and heating equipment).
  - (e) manufacture of electric household-type furnaces (electric forced air furnaces, heat pumps, etc.), non-electric household forced air furnaces
  - (f) manufacture of mechanical stokers, grates, ash dischargers, etc.
- Excludes:**
- (a) manufacture of household ovens, see 27500
  - (b) manufacture of agricultural dryers, see 28250
  - (c) manufacture of bakery ovens, see 28250
  - (d) manufacture of dryers for wood, paper pulp, paper or paperboard, see 28290
  - (e) manufacture of medical, surgical or laboratory sterilizers, see 32500
  - (f) manufacture of (dental) laboratory furnaces, see 32500



DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.  
 Group 281 : Manufacture of general purpose machinery

CLASS	ITEM	DESCRIPTION	MSIC 2000
2816 <sup>(1)</sup>		Manufacture of lifting and handling equipment	
	28160	Manufacture of lifting and handling equipment	29150p

- (1) **Includes:**
- (a) pulley tackle and hoists, winches, capstans and jacks
  - (b) derricks, cranes, mobile lifting frames, straddle carriers, etc.
  - (c) works trucks, whether or not fitted with lifting or handling equipment, whether or not self-propelled, of the type used in factories (including hand trucks and wheelbarrows)
  - (d) mechanical manipulators and industrial robots specifically designed for lifting, handling, loading or unloading
  - (e) manufacture of conveyors, telfers (téléphériques), etc.
  - (f) manufacture of lifts, escalators and moving walkways
  - (g) manufacture of parts specialized for lifting and handling equipment
- Excludes:**
- (a) manufacture of continuous-action elevators and conveyors for underground use, see 28240
  - (b) manufacture of mechanical shovels, excavators and shovel loaders, see 28240
  - (c) manufacture of industrial robots for multiple uses, see 28290
  - (d) manufacture of floating cranes, railway cranes, crane-lorries, see 30110, 30200
  - (e) installation of lifts and elevators, see 43291

DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.  
 Group 281 : Manufacture of general purpose machinery



CLASS	ITEM	DESCRIPTION	MSIC 2000
2817 <sup>(1)</sup>		<b>Manufacture of office machinery and equipment (except computers and peripheral equipment)</b>	
	28170	Manufacture of office machinery and equipment (except computers and peripheral equipment)	30001p

- (1) **Includes:**
- (a) manufacture of calculating machines
  - (b) manufacture of adding machines, cash registers
  - (c) manufacture of calculators, electronic or not
  - (d) manufacture of postage meters, mail handling machines, collating machinery
  - (e) manufacture of typewriters
  - (f) manufacture of stenography machines
  - (g) manufacture of office-type binding equipment
  - (h) manufacture of cheque writing machines
  - (i) manufacture of coin counting and wrapping machinery
  - (j) manufacture of pencil sharpeners
  - (k) manufacture of staplers and staple removers
  - (l) manufacture of voting machines
  - (m) manufacture of tape dispensers
  - (n) manufacture of hole punches
  - (o) manufacture of cash registered, mechanically operated
  - (p) manufacture of photocopy machines
  - (q) manufacture of toner cartridges
  - (r) manufacture of blackboards; white boards and marker boards
  - (s) manufacture of dictating machines
  - (t) manufacture of other office machinery and equipment n.e.c.

**Excludes:** manufacture of computers and peripheral equipment, see 2620



**DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.**  
**Group 281 : Manufacture of general purpose machinery**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2818 <sup>(1)</sup>		<b>Manufacture of power-driven hand tools</b>	
	28180	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives	29220p
2819 <sup>(2)</sup>		<b>Manufacture of other general-purpose machinery</b>	
	28191	Manufacture of refrigerating or freezing industrial equipment <sup>(3)</sup>	29191p
	28192	Manufacture of air-conditioning machines, including for motor vehicles	29191p

(1) **Includes:** manufacture of hand tools, with self-contained electric or non-electric motor or pneumatic drives (e.g. circular or reciprocating saws, drills and hammer drills, hand held power sanders, pneumatic nailers, buffers, routers, grinders, staplers, pneumatic rivet guns, etc.)

**Excludes:** manufacture of electrical hand-held soldering and welding equipment, see 27900

(2) **Excludes:** (a) manufacture of sensitive (laboratory-type) balances, see 26512  
 (b) manufacture of domestic refrigerating or freezing equipment, see 27500  
 (c) manufacture of domestic fans, see 27500  
 (d) manufacture of electrical welding and soldering equipment, see 27900  
 (e) manufacture of agricultural spraying machinery, see 28210  
 (f) manufacture of metal or glass rolling machinery and cylinders thereof, see 2823, 2829  
 (g) manufacture of agricultural dryers, see 2825  
 (h) manufacture of machinery for filtering or purifying food, see 2825  
 (i) manufacture of cream separators, see 2825  
 (j) manufacture of commercial clothes dryers, see 2826  
 (k) manufacture of textile printing machinery, see 2826

(3) **Includes:** (a) manufacture of non-domestic fans  
 (b) manufacture of attic ventilation fans (gable fans, roof ventilators, etc.)  
 (c) manufacture of commercial and industrial refrigerators and freezers

DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.  
 Group 281 : Manufacture of general purpose machinery



CLASS	ITEM	DESCRIPTION	MSIC 2000
	28199	Manufacture of other general-purpose machinery n.e.c. <sup>(1)</sup>	29199p

- (1) **Includes:**
- (a) manufacture of weighing machinery, household and shop scales, etc.
  - (b) manufacture of filtering or purifying machinery and apparatus for liquids
  - (c) manufacture of equipment for projecting, dispersing or spraying liquids or powder (e.g. spray guns, fire extinguishers, sandblasting machines, steam cleaning machines, etc.)
  - (d) manufacture of packing and wrapping machinery (e.g. filling, closing, sealing, capsuling or labelling machines, etc.)
  - (e) manufacture of machinery for cleaning or drying bottles and for aerating beverages
  - (f) manufacture of distilling or rectifying plant for petroleum refineries, chemical industries, beverage industries, etc.
  - (g) manufacture of heat exchangers
  - (h) manufacture of machinery for liquefying air or gas
  - (i) manufacture of gas generators
  - (j) manufacture of calendaring or other rolling machines and cylinders thereof (except for metal and glass)
  - (k) manufacture of centrifuges (except cream separators and clothes dryers)
  - (l) manufacture of gaskets and similar joints made of a combination of materials or layers of the same material
  - (m) manufacture of automatic goods vending machines
  - (n) manufacture of parts for general-purpose machinery
  - (o) manufacture of level, tape measures and similar hand tools, machinists' precision tools (except optical)
  - (p) manufacture of non-electrical welding and soldering equipment



**DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.**  
**Group 282 : Manufacture of special-purpose machinery**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2821 <sup>(1)</sup>		<b>Manufacture of agricultural and forestry machinery</b>	
	28210	Manufacture of agricultural and forestry machinery	29210p

- (1) **Includes:**
- (a) manufacture of tractors used in agriculture and forestry
  - (b) manufacture of walking (pedestrian-controlled) tractors
  - (c) manufacture of mowers, including lawnmowers
  - (d) manufacture of agricultural self-loading or self-unloading trailers or semi-trailers
  - (e) manufacture of agricultural machinery for soil preparation, planting or fertilizing (e.g. ploughs, manure spreaders, seeders, harrows, etc.)
  - (f) manufacture of harvesting or threshing machinery (e.g. harvesters, threshers, sorters, etc.)
  - (g) manufacture of milking machines
  - (h) manufacture of spraying machinery for agricultural use
  - (i) manufacture of poultry-keeping machinery, bee-keeping machinery
  - (j) manufacture of machines for cleaning, sorting or grading eggs, fruits, etc.
  - (k) manufacture of other diverse agricultural machinery and equipment n.e.c.
- Excludes:**
- (a) manufacture of non-power-driven agricultural hand tools, see 2593
  - (b) manufacture of conveyors for farm use, see 2816
  - (c) manufacture of power-driven hand tools, see 2818
  - (d) manufacture of cream separators, see 2825
  - (e) manufacture of machinery to clean, sort or grade seed, grain or dried leguminous vegetables, see 2825
  - (f) manufacture of road tractors for semi-trailers, see 2910
  - (g) manufacture of road trailers or semi-trailers, see 2920

DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.  
 Group 282 : Manufacture of special-purpose machinery



CLASS	ITEM	DESCRIPTION	MSIC 2000
2822 <sup>(1)</sup>		<b>Manufacture of metal-forming machinery and machine tools</b>	
	28220	Manufacture of metal-forming machinery and machine tools	29220p

- (1) **Includes:**
- (a) manufacture of punch presses, hydraulic presses, hydraulic brakes, drop hammers, forging machines, etc.
  - (b) manufacture of draw-benches, thread rollers or machines for working wires
  - (c) manufacture of stationary rotary or rotary percussion drills, filling machines, riveters, sheet metal cutters, etc.
  - (d) manufacture of presses for the manufacture of particle board and the like
  - (e) manufacture of other metal-forming machinery n.e.c.
  - (f) manufacture of machine tools for working metals and other materials (e.g. wood, bone, stone, hard rubber, hard plastics, cold glass, etc.), including those using a laser beam, ultrasonic waves, plasma arc, magnetic pulse, etc.
  - (g) manufacture of machine tools for turning, drilling, milling, shaping, planning, boring, grinding, etc.
  - (h) manufacture of stamping or pressing machine tools
  - (i) manufacture of stationary machines for nailing, stapling, glueing or otherwise assembling wood, cork, bone, hard rubber or plastic, etc.
  - (j) manufacture of electroplating machinery
  - (k) manufacture of parts and accessories for the machine tools listed above (e.g. work holders, dividing heads and other special attachments for machine tools)
  - (l) manufacture of other machine tools n.e.c.
- Excludes:**
- (a) manufacture of interchangeable tools for hand tools or machine tools (e.g. drills, punches, dies, taps, milling cutters, turning tools, saw blades, cutting knives, etc.), see 2593
  - (b) manufacture of electric hand held soldering irons and soldering guns, see 2790
  - (c) manufacture of power-driven hand tools, see 2818
  - (d) manufacture of machinery used in metal mills or foundries, see 2823
  - (e) manufacture of machinery for mining and quarrying, see 2824



**DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.**  
**Group 282 : Manufacture of special-purpose machinery**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2823 <sup>(1)</sup>		<b>Manufacture of machinery for metallurgy</b>	
	28230	Manufacture of machinery for metallurgy	29230p
2824 <sup>(2)</sup>		<b>Manufacture of machinery for mining, quarrying and construction</b>	
	28240	Manufacture of machinery for mining, quarrying and construction	29240p

- (1) **Includes:** (a) manufactures of machines and equipment for handling hot metals: converters, ingot moulds, ladles, casting machines  
(b) manufacture of metal-rolling mills and rolls for such mills
- Excludes:** (a) manufacture of draw-benches, see 2822  
(b) manufacture of moulding boxes and moulds (except ingot moulds), see 2593  
(c) manufacture of machines for forming foundry moulds, see 2829
- (2) **Includes:** (a) manufacture of continuous-action elevators and conveyors for underground use  
(b) manufacture of boring, cutting, sinking and tunnelling machinery (whether or not for underground use)  
(c) manufacture of machinery for treating minerals by screening, sorting, separating, washing, crushing, etc.  
(d) manufacture of concrete and mortar mixers  
(e) manufacture of earth-moving machinery (e.g. bulldozers, angle-dozers, graders, scrapers, levellers, mechanical shovels, shovels loaders, etc.)  
(f) manufacture of pile-drivers and pile-extractors, mortar spreaders, bitumen spreaders, concrete surfacing machinery, etc.  
(g) manufacture of track laying tractors and tractors used in constructions or mining  
(h) manufacture of bulldozer and angle-dozer blades  
(i) manufacture of off-road dumping trucks  
(j) manufacture of machinery for mining, quarrying and construction n.e.c.
- Excludes:** (a) manufacture of lifting and handling equipment, see 2816  
(b) manufacture of other tractors, see 2821, 2910  
(c) manufacture of machine tools for working stone, including machines for splitting or clearing stone, see 2822  
(d) manufacture of concrete-mixer lorries, see 2910  
(e) manufacture of mining locomotives and mining rail cars, see 3020

**DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.**  
**Group 282 : Manufacture of special-purpose machinery**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2825 <sup>(1)</sup>		<b>Manufacture of machinery for food, beverage and tobacco processing</b>	
	28250	Manufacture of machinery for food, beverage and tobacco processing	29250p

- (1) **Includes:**
- (a) manufacture of agricultural dryers
  - (b) cream separators
  - (c) milk processing machinery (e.g. homogenizers)
  - (d) milk converting machinery (e.g. butter chums, butter workers and moulding machines)
  - (e) cheese-making machines
  - (f) machinery to clean, sort or grade seeds, grain or dried leguminous vegetables
  - (g) machinery to produce flour and meal etc. (e.g. grinding mills, etc.)
  - (h) manufacture of presses, crushers, etc. used to make wine, cider, fruit juices, etc.
  - (i) manufacture of machinery for the bakery industry or for making macaroni, spaghetti or similar products
  - (j) machinery to make confectionery, cocoa or chocolate
  - (k) machinery to manufacture sugar
  - (l) machinery for breweries
  - (m) machinery for process meat or poultry
  - (n) machinery for prepare fruits, nuts or vegetables
  - (o) machinery for prepare fish, shellfish or other seafood
  - (p) machinery for filtering and purifying
  - (q) other machinery for the industrial preparation of manufacture of food or drink n.e.c.
  - (r) manufacture of machinery for the extraction or preparation of animal fats or vegetable fats oils
  - (s) manufacture of machinery for the preparation of tobacco and for the making of cigarettes or cigars or for pipe or chewing tobacco or snuff
  - (t) manufacture of machinery for the preparation of food in hotels and restaurants
- Excludes:**
- (a) manufacture of food and milk irradiation equipment, see 2660
  - (b) manufacture of packing, wrapping and weighing machinery, see 2819
  - (c) manufacture of cleaning, sorting or grading machinery for eggs, fruit or other crops (except seeds, grains and dried leguminous vegetables), see 2821



DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.  
 Group 282 : Manufacture of special-purpose machinery

CLASS	ITEM	DESCRIPTION	MSIC 2000
2826 <sup>(1)</sup>		<b>Manufacture of machinery for textile, apparel and leather production</b>	
	28260	Manufacture of machinery for textile, apparel and leather production	29260p

- (1) **Includes:**
- (a) machines for preparing, producing, extruding, drawing, texturing or cutting man-made textile fibres, materials or yarns
  - (b) machines for preparing textiles fibres (e.g. cotton gins, bale breakers, ginnerettes, cotton spreaders, wool scouters, wool carbonizes, combs, carders, roving frames, etc.)
  - (c) spinning machines
  - (d) machines for preparing textiles yarns (e.g. reelers, warpers and related machines)
  - (e) weaving machines (looms), including hand looms
  - (f) knitting machines
  - (g) machines for making knotted net, tulle, lace, braid, etc.
  - (h) manufacture of auxiliary machines or equipment for textile machinery (e.g. dobbies, jacquards, spindles, spindle flyers, etc.)
  - (i) manufacture of textile printing machinery
  - (j) machinery for washing, bleaching, dyeing, dressing, finishing, coating or impregnating textile fabrics
  - (k) manufacture of machines for reeling, unreeling, folding, cutting or pinking textile fabrics
  - (l) ironing machines, including fusing presses
  - (m) dry-cleaning machines
  - (n) manufacture of sewing machines
  - (o) manufacture of machines for producing or finishing felt or non-woven
  - (p) machinery for preparing, tanning or working hides, skins or leather
  - (q) machinery for making or repairing footwear or other articles of hides, skins, leather or fur skins
- Excludes:**
- (a) manufacture of paper or paperboard cards for use on jacquard machines, see 1709
  - (b) manufacture of domestic washing and drying machines, see 2750
  - (c) manufacture of calendaring machines, see 2819
  - (d) manufacture of machines used in bookbinding, see 2829

**DIVISION 28 : MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.**  
**Group 282 : Manufacture of special-purpose machinery**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2829 <sup>(1)</sup>		Manufacture of other special-purpose machinery	
	28290	Manufacture of other special-purpose machinery n.e.c.	29290p

- (1) **Includes:**
- (a) manufacture of machinery for making paper pulp
  - (b) manufacture of paper and paperboard making machinery
  - (c) manufacture of dryers for wood, paper pulp, paper or paperboard
  - (d) manufacture of machinery producing articles of paper or paperboard
  - (e) manufacture of machinery for working soft rubber or plastics or for the manufacture of products of these materials such as extruders, moulders, pneumatic tyre making or retreading machines and other machines for making a specific rubber or plastic product
  - (g) manufacture of printing and bookbinding machines and machines for activities supporting printing on a variety of materials
  - (i) machinery for producing tiles, bricks shaped ceramic pastes, pipes, graphite electrodes, blackboard chalk, foundry moulds, etc.
  - (j) manufacture of semi-conductor manufacturing machinery manufacture of diverse special-purpose machinery and equipment such as machines to assemble electric or electronic lamps, tubes (valves) or bulbs; machines for production or hot-working of glass or glassware, glass fibre or yarn machinery or apparatus for isotopic separation
  - (k) manufacture of tire alignment and balancing equipment; balancing equipment (except wheel balancing)
  - (l) manufacture of central greasing systems
  - (m) manufacture of aircraft launching gear, aircraft carrier catapults and related equipment
  - (n) manufacture of tanning beds
  - (o) manufacture of automatic bowling alley equipment (e.g. pin-setters)
  - (p) manufacture of roundabouts, swings, shooting galleries and other fairground amusements
- Excludes:**
- (a) manufacture of household appliances, see 2750
  - (b) manufacture of photocopy machines, see 2817
  - (c) manufacture of machinery or equipment to work hard rubber, hard plastics or cold glass, see 2822
  - (d) manufacture of ingot moulds, see 2823

**DIVISION 29      MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS**

This division includes the manufacture of motor vehicles for transporting passengers or freight. The manufacture of various parts and accessories, as well as the manufacture of trailers and semi-trailers, is included here. The maintenance and repair of vehicles produced in this division are classified in 4520.

**GROUP 291      Manufacture of motor vehicles**

This group includes manufacture of passenger cars, manufacture of commercial vehicles, manufacture of buses, trolley-buses and coaches, manufacture of motor vehicle engines manufacture of chassis fitted with engines, manufacture of other motor vehicles, ATVs, go-carts and similar including race cars and factory rebuilding of motor vehicle engines.

**GROUP 292      Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers**

This group includes manufacture of bodies, including cabs for motor vehicles, outfitting of all types of motor vehicles, trailers and semi-trailers, manufacture of trailers and semi-trailers and manufacture of containers for carriage by one or more modes of transport.

**GROUP 293      Manufacture of parts and accessories for motor vehicles**

This group includes manufacture of diverse parts and accessories for motor vehicles, manufacture of parts and accessories of bodies for motor vehicles, manufacture of car seats and manufacture of motor vehicle electrical equipment, such as generators, alternators, spark plugs, ignition wiring harnesses, power window and door systems, assembly of purchased gauges into instrument panels, voltage regulators, etc.

**DIVISION 29 : MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS**

**Group 291 : Manufacture of motor vehicles**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2910 <sup>(1)</sup>		Manufacture of motor vehicles	
	29101	Manufacture of passenger cars <sup>(2)</sup>	34100p
	29102	Manufacture of commercial vehicles <sup>(3)</sup>	34100p

- (1) **Excludes:**
- (a) manufacture of lighting equipment for motor vehicles, see 2740
  - (b) manufacture of pistons, piston rings and carburettors, see 2811
  - (c) manufacture of agricultural tractors, see 2821
  - (d) manufacture of tractors used in construction or mining, see 2824
  - (e) manufacture of off-road dumping trucks, see 2824
  - (f) manufacture of bodies for motor vehicles, see 2920
  - (g) manufacture of electrical parts for motor vehicles, see 2930
  - (h) manufacture of parts and accessories for motor vehicles, see 2930
  - (i) manufacture of tanks and other military fighting vehicles, see 3040
  - (j) maintenance, repair and alteration of motor vehicles, see 4520
- (2) **Includes:**
- (a) manufacture of passenger cars
  - (b) manufacture of MPVs (Multi Purpose Vehicles)
  - (c) manufacture SUVs (Sport Utility Vehicles)
  - (d) manufacture of motor vehicle engines for passenger cars
  - (e) manufacture of chassis fitted with engines for passenger cars
- (3) **Includes:**
- (a) manufacture of vans
  - (b) manufacture of lorries
  - (c) manufacture of over-the-road tractors, etc.
  - (d) manufacture of buses, trolley-buses and coaches
  - (e) manufacture of motor vehicle engines for commercial vehicles
  - (f) manufacture of other motor vehicles n.e.c.
  - (g) manufacture of chassis fitted with engines for commercial vehicles
  - (h) manufacture of snowmobiles, golf carts, amphibious vehicles
  - (i) manufacture of fire engines, street sweepers, travelling libraries, armoured cars, etc.
  - (j) manufacture of concrete-mixer lorries
  - (k) manufacture of ATVs (All Terrain Vehicles), race cars and go-carts, etc.
  - (l) factory rebuilding of motor vehicle engines



**DIVISION 29 : MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS**

**Group 292 : Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers**

CLASS	ITEM	DESCRIPTION	MSIC 2000
2920 <sup>(1)</sup>		<b>Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers</b>	
	29200	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	34200

- (1) **Includes:**
- (a) manufacture of cabs for motor vehicles
  - (b) outfitting of all types of motor vehicles and trailers
  - (c) manufacture of road trailers
  - (d) outfitting of other types of motor vehicles n.e.c.
  - (e) manufacture of tankers,
  - (f) removal trailers, etc.
  - (g) manufacture of caravan trailers, etc.
  - (h) manufacture of containers for carriage by one or more modes of transport
- Excludes:**
- (a) manufacture of trailers and semi-trailers specially designed for use in agriculture, see 2821
  - (b) manufacture of parts and accessories of bodies for motor vehicles, see 29300
  - (c) manufacture of vehicles drawn by animals, see 3099

**DIVISION 29 : MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS**

**Group 293 : Manufacture of parts and accessories for motor vehicles**



CLASS	ITEM	DESCRIPTION	MSIC 2000
2930 <sup>(1)</sup>		Manufacture of parts and accessories for motor vehicles	
	29300	Manufacture of parts and accessories for motor vehicles	34300, 36102p

- (1) **Includes:**
- (a) manufacture of brakes, gearboxes, axles, road wheels, suspension shock absorbers, radiators, silencers, exhaust pipes, catalytic converters, clutches, steering wheels, steering columns and steering boxes
  - (b) manufacture of safety belts, airbags, doors, bumpers
  - (c) manufacture of car seats
  - (d) manufacture of generators, alternators, spark plugs, ignition wiring harnesses
  - (e) manufacture of power window and door systems
  - (f) assembly of purchased gauges into instrument panels, voltage regulators, etc.
  - (g) manufacture of cable sets, wiring harnesses and similar cable sets or assemblies for automotive applications
- Excludes:**
- (a) manufacture of tyres, see 2211
  - (b) manufacture of rubber hoses and belts and other rubber products, see 22191
  - (c) manufacture of plastic hoses and belts and other plastic products, see 22202
  - (d) manufacture of batteries for vehicles, see 27200
  - (e) manufacture of lighting equipment for motor vehicles, see 2740
  - (f) manufacture of pistons, piston rings and carburettors, see 2811
  - (g) manufacture of pumps for motor vehicles and engines, see 2813
  - (h) manufacture of motor vehicle engines, see 2910
  - (i) manufacture of chassis fitted with engines, see 2910
  - (j) manufacture of bodies for motor vehicles, see 29200
  - (k) maintenance, repair and alternation of motor vehicles, see 4520

**C****DIVISION 30 MANUFACTURE OF OTHER TRANSPORT EQUIPMENT**

This division includes the manufacture of transportation equipment such as ship building and boat manufacturing, the manufacture of railroad rolling stock and locomotives, air and spacecraft and the manufacture of parts thereof.

**GROUP 301 Building of ships and boats**

This group includes the building of ships, boats and other floating structures for transportation and other commercial purposes, as well as for sports and recreational purposes.

**GROUP 302 Manufacture of railway locomotives and rolling stock**

This group includes manufacture of electric, diesel, steam and other rail locomotives, manufacture of self-propelled railway or tramway coaches, vans and trucks, maintenance or service vehicles, manufacture of railway or tramway rolling stock, not self-propelled, manufacture of specialized parts of railway or tramway locomotives or of rolling stock, manufacture of mechanical and electromechanical signalling, safety and traffic control equipment for railways, tramways, inland waterways, roads, parking facilities, airfields, etc., manufacture of mining locomotives and mining rail cars and manufacture of railway car seats.

**GROUP 303 Manufacture of air and spacecraft and related machinery**

This group includes manufacture of airplanes for the transport of goods or passengers, for use by the defence forces, for sport or other purposes, manufacture of helicopters, manufacture of gliders, hang-gliders, manufacture of dirigibles and hot air balloons, manufacture of parts and accessories of the aircraft of this group such as major assemblies such as fuselages, wings, doors, control surfaces, landing gear, fuel tanks, nacelles, etc., airscrews, helicopter rotors and propelled rotor blades, motors and engines of a kind typically found on aircraft, parts of turbojets and turboprops for aircraft, manufacture of ground flying trainers, manufacture of spacecraft and launch vehicles, satellites, planetary probes, orbital stations, shuttles, manufacture of intercontinental ballistic missiles (ICBM), overhaul and conversion of aircraft or aircraft engines and manufacture of aircraft seats.

**GROUP 304 Manufacture of military fighting vehicles**

This group includes manufacture of tanks, manufacture of armoured amphibious military vehicles and manufacture of other military fighting vehicles.

**GROUP 309 Manufacture of transport equipment n.e.c.**

This group includes the manufacture of transport equipment other than motor vehicles and rail, water, air or space transport equipment and military vehicles.

**DIVISION 30 : MANUFACTURE OF OTHER TRANSPORT EQUIPMENT**  
**Group 301 : Building of ships and boats**



CLASS	ITEM	DESCRIPTION	MSIC 2000
3011 <sup>(1)</sup>		<b>Building of ships and floating structures</b>	
	30110	Building of ships and floating structures	35110p

- (1) **Includes:**
- (a) building of commercial and passenger vessels
  - (b) building of ferry-boats
  - (c) building of cargo ships, tankers, tugs, etc.
  - (d) building of warship
  - (e) building of fishing boats and fish-processing factory vessels
  - (f) building of hovercraft (except recreation-type hovercraft)
  - (g) construction of drilling platforms, floating or submersible
  - (h) floating docks, dock fender and deck fender, pontoons, coffer-dams, floating landing stages, buoys, floating tanks, barges, lighters, floating cranes, non-recreational inflatable rafts, etc.
  - (i) manufacture of sections for ship and floating structures
  - (j) factory rebuilding of ships
- Excludes:**
- (a) manufacture of parts of vessels, other than major hull assemblies:
    - manufacture of sails, see 13922
    - manufacture of ships' propellers, see 25999
    - manufacture of iron or steel anchors, see 25999
    - manufacture of marine engines, see 2811
  - (b) manufacture of navigational instruments, see 26511
  - (c) manufacture of lighting equipment for ships, see 2740
  - (d) manufacture of amphibious motor vehicles, see 29102
  - (e) manufacture of inflatable boats or rafts for recreation, see 3012
  - (f) specialized repair and maintenance of ships and floating structures, see 3315
  - (g) ship-breaking, see 38301
  - (h) interior installation of boats, see 43306

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**DIVISION 30 : MANUFACTURE OF OTHER TRANSPORT EQUIPMENT**  
**Group 301 : Building of ships and boats**

CLASS	ITEM	DESCRIPTION	MSIC 2000
3012 <sup>(1)</sup>		<b>Building of pleasure and sporting boats</b>	
	30120	Building of pleasure and sporting boats	35120p

- (1) **Includes:**
- (a) manufacture of inflatable boats and rafts
  - (b) building of sailboats with or without auxiliary motor
  - (c) building of motor boats
  - (d) building of recreation-type hovercraft
  - (e) manufacture of personal watercraft
  - (f) manufacture of other pleasure and sporting boats, such as canoes, kayaks, rowing boats, skiffs, etc.
- Excludes:**
- (a) manufacture of parts of pleasure and sporting boats:
    - manufacture of sails, see 13922
    - manufacture of iron or steel anchors, see 2599
    - manufacture of marine engines, see 2811
  - (b) manufacture of sailboards and surfboards, see 3230
  - (c) maintenance, repair or alteration of pleasure boats, see 3315

**DIVISION 30 : MANUFACTURE OF OTHER TRANSPORT EQUIPMENT**  
**Group 302 : Manufacture of railway and rolling stock**



CLASS	ITEM	DESCRIPTION	MSIC 2000
3020 <sup>(1)</sup>		<b>Manufacture of railway locomotives and rolling stock</b>	
	30200	Manufacture of railway locomotives and rolling stock	35200p

- (1) **Includes:**
- (a) manufacture of electric, diesel, steam and other rail locomotives
  - (b) manufacture of self-propelled railway or tramway coaches, vans and trucks, maintenance or service vehicles
  - (c) manufacture of passengers coaches, goods vans, tank wagons, self-discharging vans and wagons, workshop vans, crane vans, tenders, etc.
  - (d) manufacture of bogies, axles and wheels, brakes and parts of brakes, hooks and coupling devices, buffers and buffer parts, shock absorbers, wagon and locomotives frames, bodies, corridor connections, etc.
  - (e) manufacture of mechanical and electromechanical signalling, safety and traffic control equipments for railways, tramways, inland waterways, roads, parking facilities, airfields
  - (f) manufacture of mining locomotives and mining rail cars
  - (g) manufacture of railways car seats
  - (h) factory rebuilding of locomotives and railroad cars
- Excludes:**
- (a) manufacture of unassembled rails, see 24109
  - (b) manufacture of assembled railway track fixtures, see 25999
  - (c) manufacture of electric motors, see 27101
  - (d) manufacture of electrical signalling, safety or traffic-control equipment, see 27900
  - (e) manufacture of engines and turbines, see 28110



**DIVISION 30 : MANUFACTURE OF OTHER TRANSPORT EQUIPMENT**  
**Group 303 : Manufacture of air and spacecraft and related machinery**

CLASS	ITEM	DESCRIPTION	MSIC 2000
3030 <sup>(1)</sup>		<b>Manufacture of air and spacecraft and related machinery</b>	
	30300	Manufacture of air and spacecraft and related machinery	35300p, 36102p

- (1) **Includes:**
- (a) manufacture of airplanes for transport of goods or passengers, for use by the defence forces, for sport or other purposes
  - (b) manufacture of helicopters
  - (c) manufacture of gliders, hand-gliders
  - (d) manufacture of dirigibles and hot air balloons
  - (e) manufacture of parts and accessories of the aircraft of this class:
    - major assemblies (e.g. fuselages, wings, doors, control surfaces, landing gear, fuel tanks, nacelles, lighting equipment, etc.)
    - airscrews, helicopter rotors and propelled rotor blades
    - motors, engines and parts of a kind typically found on aircraft
    - parts of turbojets and turbo propellers for aircraft
  - (f) manufacture of aircraft seats
  - (g) manufacture of ground flying trainers
  - (h) manufacture of spacecraft and launch vehicles, satellites, planetary probes, orbital stations, shuttles, etc.
  - (i) manufacture of intercontinental ballistic missiles (ICBM)
  - (j) overhaul and conversion on aircraft or aircraft engines
  - (k) factory rebuilding of aircraft
- Excludes:**
- (a) manufacture of parachutes, see 13922
  - (b) manufacture of military ordinance and ammunition, see 2520
  - (c) manufacture of telecommunication equipment for satellites, see 2630
  - (d) manufacture of aircraft instrumentation and aeronautical instruments, see 26511
  - (e) manufacture of air navigation system, see 2651
  - (f) manufacture of lighting equipment for aircraft, see 2740
  - (g) manufacture of ignition parts and other electrical parts for internal combustion engines, see 27900
  - (h) manufacture of pistons, piston rings and carburettors, see 2811
  - (i) manufacture of aircraft launching gear, aircraft carrier catapults and related equipment, see 2829

DIVISION 30 : MANUFACTURE OF OTHER TRANSPORT EQUIPMENT  
Group 304 : Manufacture of military fighting vehicles



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CLASS	ITEM	DESCRIPTION	MSIC 2000
3040 <sup>(1)</sup>		Manufacture of military fighting vehicles	
	30400	Manufacture of military fighting vehicles	29270p

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- (1) **Includes:** (a) manufacture of tanks  
(b) manufacture of armoured amphibious military vehicles  
(c) manufacture of other military fighting vehicles

**Excludes:** manufacture of weapons and ammunitions, see 2520



**DIVISION 30 : MANUFACTURE OF OTHER TRANSPORT EQUIPMENT**  
**Group 309 : Manufacture of transport equipment n.e.c.**

CLASS	ITEM	DESCRIPTION	MSIC 2000
3091 <sup>(1)</sup>		<b>Manufacture of motorcycles</b>	
	30910	Manufacture of motorcycles	35910
3092 <sup>(2)</sup>		<b>Manufacture of bicycles and invalid carriages</b>	
	30920	Manufacture of bicycles and invalid carriages	35920
3099 <sup>(3)</sup>		<b>Manufacture of other transport equipment n.e.c.</b>	
	30990	Manufacture of other transport equipments n.e.c..	35990

- (1) **Includes:** (a) manufacture of motorcycles, mopeds and cycle fitted with an auxiliary engine  
 (b) manufacture of engines for motorcycles  
 (c) manufacture of sidecars  
 (d) manufacture of parts and accessories for motorcycles  
 (e) manufacture of scooters
- Excludes:** (a) manufacture of bicycles, see 30920  
 (b) manufacture of invalid carriages, see 30920
- (2) **Includes:** (a) manufacture of non-motorized bicycles and other cycles, including (delivery) tricycles, tandems, children's bicycles and tricycles  
 (b) manufacture of parts and accessories of bicycles (saddles etc.)  
 (c) manufacture of invalid carriages with or without motor  
 (d) manufacture of parts and accessories of invalid carriages  
 (e) manufacture of baby carriages  
 (f) manufacture of wheelchairs
- Excludes:** (a) manufacture of bicycles with auxiliary motor, see 3091  
 (b) manufacture of wheeled toys designed to be ridden, including plastic bicycles and tricycles, see 3240
- (3) **Includes:** (a) manufacture of hand-propelled vehicles (luggage trucks, handcarts, sledges, shopping carts, etc.)  
 (b) manufacture of vehicles drawn by animals (sulkies, donkey-carts, hearses, etc.)
- Excludes:** (a) works trucks, whether or not fitted with lifting or handling equipment, whether or not self-propelled, of the type used in factories (including hand trucks and wheelbarrows), see 2816  
 (b) decorative restaurant carts, such as desert cart, food wagons, see 3100

**DIVISION 31 MANUFACTURE OF FURNITURE**

This division includes the manufacture of furniture and related products of any material except stone, concrete and ceramic. The processes used in the manufacture of furniture are standard methods of forming materials and assembling components, including cutting, moulding and laminating. The design of the article, for both aesthetic and functional qualities, is an important aspect of the production process.

Some of the processes used in furniture manufacturing are similar to processes that are used in other segments of manufacturing. For example, cutting and assembly occurs in the production of wood trusses that are classified in division 16 (Manufacture of wood and wood products). However, the multiple processes distinguish wood furniture manufacturing from wood product manufacturing. Similarly, metal furniture manufacturing uses techniques that are also employed in the manufacturing of roll-formed products classified in division 25 (Manufacture of fabricated metal products). The moulding process for plastics furniture is similar to the moulding of other plastics products. However, the manufacture of plastics furniture tends to be a specialized activity.

**GROUP 310 Manufacture of furniture**

This group includes the manufacture of furniture of any kind, any material (except stone, concrete or ceramic) for any place and various purposes.



**DIVISION 31 : MANUFACTURE OF FURNITURE**  
**Group 310 : Manufacture of furniture**

CLASS	ITEM	DESCRIPTION	MSIC 2000
3100 <sup>(1)</sup>		Manufacture of furniture	
	31001	Manufacture of wooden and cane furniture	36101p
	31002	Manufacture of metal furniture	36102p

- (1) **Includes:**
- (a) manufacture of chairs and seats for office, workrooms, hotels, restaurants, public and domestic premises
  - (b) manufacture of chairs and seats for theatres, cinemas and the like
  - (c) manufacture of sofas, sofa bed and sofa sets
  - (d) manufacture of garden chairs and seats
  - (e) manufacture of special furniture for shops (e.g. counters, display cases, shelves, etc.)
  - (f) manufacture of office furniture
  - (g) manufacture of kitchen furniture
  - (h) manufacture of furniture for bedrooms, living rooms, garden, etc.
  - (i) manufacture of cabinets for sewing machines, television, etc.
  - (j) manufacture of laboratory benches, stools, and other laboratory seating, laboratory furniture (e.g. cabinets and tables)
  - (k) manufacture of furniture for churches, school, restaurants
  - (l) finishing (e.g. upholstery of chairs and seats)
  - (m) finishing of furniture such as spraying, painting, french polishing and upholstering
  - (n) manufacture of decorative restaurant carts (e.g. desert cart, food wagon)
  - (o) manufacture of wood partitions, free standing
- Excludes:**
- (a) manufacture of pillows, pouffes, cushions, quilts and eiderdowns, see 13921
  - (b) manufacture of inflatable rubber mattresses, see 22199
  - (c) manufacture of furniture of ceramics, concrete and stone, see 2393, 2395, 2396
  - (d) manufacture of lighting fittings or lamps, see 2740
  - (e) manufacture of blackboards, see 2817
  - (f) manufacture of car seats, railway seats, aircraft seats, see 2930, 3020, 3030
  - (g) modular furniture attachment and installation, partition installation, laboratory equipment furniture installation, see 4330

DIVISION 31 : MANUFACTURE OF FURNITURE  
Group 310 : Manufacture of furniture



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CLASS	ITEM	DESCRIPTION	MSIC 2000
	31003	Manufacture of mattress <sup>(1)</sup>	36109p
	31009	Manufacture of other furniture, except of stone, concrete or ceramic	36109p

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- (1) **Includes:**
- (a) manufacture of mattresses fitted with springs or stuffed or internally fitted with a supporting material
  - (b) manufacture of uncovered cellular rubber or plastic mattresses
  - (c) manufacture of mattresses support

**DIVISION 32 OTHER MANUFACTURING**

This division includes the manufacture of a variety of goods not covered in other parts of the classification. Since this is a residual division, production processes, input materials and use of the produced goods can vary widely and usual criteria for grouping classes into divisions have not been applied here.

**GROUP 321 Manufacture of jewellery, bijouterie and related articles**

This group includes the manufacture of jewellery and imitation jewellery articles.

**GROUP 322 Manufacture of musical instruments**

This group includes manufacture of stringed instruments, manufacture of keyboard stringed instruments, including automatic pianos, manufacture of keyboard pipe organs, manufacture of accordions and similar instruments, manufacture of wind instruments, manufacture of percussion musical instruments, manufacture of musical instruments, the sound of which is produced electronically, manufacture of musical boxes, fairground organs, calliopes, etc., manufacture of instrument parts and accessories and manufacture of whistles, call horns and other mouth-blown sound signalling instruments.

**GROUP 323 Manufacture of sports goods**

This group includes the manufacture of sporting and athletic goods (except apparel and footwear).

**GROUP 324 Manufacture of games and toys**

This group includes the manufacture of dolls, toys and games (including electronic games), scale models and children's vehicles (except metal bicycles and tricycles).

**GROUP 325 Manufacture of medical and dental instruments and supplies**

This group includes the manufacture of laboratory apparatus, surgical and medical instruments, surgical appliances and supplies, dental equipment and supplies, orthodontic goods, dentures and orthodontic appliances. Included is the manufacture of medical, dental and similar furniture, where the additional specific functions determine the purpose of the product, such as dentist's chairs with built-in hydraulic functions.

**GROUP 329 Other manufacturing n.e.c.**

This group includes manufacture of protective safety equipment, manufacture of brooms and brushes, manufacture of shoe and clothes brushes, manufacture of pens and pencils of all kinds whether or not mechanical, manufacture of pencil leads, manufacture of date, sealing or numbering stamps, hand-operated devices for printing, or embossing labels, hand printing sets, prepared typewriter ribbons and inked pads, manufacture of globes, manufacture of umbrellas, sun-umbrellas, walking sticks, seat-sticks, manufacture of buttons, press-fasteners, snap-fasteners, press-studs, slide fasteners, manufacture of cigarette lighters, manufacture of articles of personal use: smoking pipes, combs, hair slides, scent sprays, vacuum flasks and other vacuum vessels for personal or household use, wigs, false beards, eyebrows, manufacture of miscellaneous articles: candles, tapers and the like; bouquets, wreaths and floral baskets; artificial flowers, fruit and foliage; jokes and novelties; hand sieves and hand riddles; tailors' dummies; burial caskets, etc. and taxidermy activities





**DIVISION 32 : OTHER MANUFACTURING**  
**Group 321 : Manufacture of jewellery, bijouterie and related articles**

CLASS	ITEM	DESCRIPTION	MSIC 2000
3211 <sup>(1)</sup>		<b>Manufacture of jewellery and related articles</b>	
	32110	Manufacture of jewellery and related articles	36910

- (1) **Includes:**
- (a) production of worked pearls
  - (b) production of precious and semi-precious stones in the worked state including the working of industrial quality stones and synthetic or reconstructed precious or semi-precious stones
  - (c) working of diamonds
  - (d) manufacture of jewellery of precious metal or of base metals clad with precious metals, or precious or semi-precious stones
  - (e) manufacture of goldsmiths' articles of precious metals or of base metals clad with precious metals (e.g. dinnerware, flatware, toilet articles, office or desk articles, articles for religious use, etc.)
  - (f) manufacture of technical or laboratory articles of precious metal (except instruments and parts thereof) e.g. electroplating anodes, etc.
  - (g) manufacture of precious metal watch bands, wristbands, watch straps and cigarette cases
  - (h) manufacture of coins, including coins for use as legal tender, whether or not of precious metal
  - (i) engraving of personal precious and non-precious products
  - (j) manufacture of cutlery of precious metal
- Excludes:**
- (a) manufacture of non-metal watch bands (fabric, leather, plastic, etc.), see 1512
  - (b) manufacture of articles of base metal plated with precious metal (except imitation jewellery), see division 25
  - (c) manufacture of watch cases, see 2652
  - (d) manufacture of (non-precious) metal watch bands, see 3212
  - (e) manufacture of imitation jewellery, see 3212

DIVISION 32 : OTHER MANUFACTURING  
 Group 321 : Manufacture of jewellery, bijouterie and related articles



CLASS	ITEM	DESCRIPTION	MSIC 2000
3212 <sup>(1)</sup>		Manufacture of imitation jewellery and related articles	
	32120	Manufacture of imitation jewellery and related articles	36999p

- (1) **Includes:**
- (a) manufacture of customer or imitation jewellery (e.g. rings, bracelets, necklace, and similar articles of jewellery made from base metals plated with precious metals or imitation stones)
  - (b) manufacture of metal watch bands (except precious metal)
- Excludes:**
- (a) manufacture of jewellery made from precious metals or clad with precious metals, see 3211
  - (b) manufacture of jewellery containing genuine gem stones, see 3211
  - (c) manufacture of precious metal bands, see 3211



DIVISION 32 : OTHER MANUFACTURING  
 Group 322 : Manufacture of musical instruments

CLASS	ITEM	DESCRIPTION	MSIC 2000
3220 <sup>(1)</sup>		Manufacture of musical instruments	
	32200	Manufacture of musical instruments	36920p

- (1) **Includes:**
- (a) manufacture of stringed instruments
  - (b) manufacture of keyboard stringed instruments, including automatic pianos
  - (c) manufacture of keyboard pipe organs, including harmoniums and similar keyboard instruments with free metal reeds
  - (d) manufacture of accordions and similar instruments, including mouth organs
  - (e) manufacture of wind instruments
  - (f) manufacture of percussion musical instruments
  - (g) manufacture of musical instruments, the sound of which is produced electronically
  - (h) manufacture of musical boxes, fairground organs, calliopes, etc.
  - (i) manufacture of instrument parts and accessories (e.g. metronomes, tuning forks, pitch pipes, cards, discs and rolls for automatic mechanical instruments, etc.)
  - (j) manufacture of whistles, call horns and other mouth-blown sound signalling instruments
- Excludes:**
- (a) reproduction of pre-recorded sound and video tapes and discs, see 1820
  - (b) manufacture of microphones, amplifiers, loudspeakers, hand phones and similar components, see 2640
  - (c) manufacture of record players, tape recorders and the like, see 2640
  - (d) manufacture of toy musical instruments, see 3240
  - (e) restoring of organs and other historic musical instruments, see 3319
  - (f) publishing of pre-recorded sound and video tapes and discs, see 5920
  - (g) piano tuning, see 95296

DIVISION 32 : OTHER MANUFACTURING  
 Group 323 : Manufacture of sports goods



CLASS	ITEM	DESCRIPTION	MSIC 2000
3230 <sup>(1)</sup>		Manufacture of sports goods	
	32300	Manufacture of sports goods	36930p

(1) **Includes:** manufacture of articles and equipment for sports, outdoor and indoor games, of any material (e.g. hard, soft and inflatable balls; rackets, bats and clubs; sailboards and surfboards; requisites for sport fishing, including landing nets; requisites for hunting, mountain climbing, etc.; leather sports gloves and sports headgear, roller skates; bow and crossbows; gymnasium fitness centre or athletic equipment, ski-boots, etc.)

**Excludes:**

- (a) manufacture of boat sails, see 13922
- (b) manufacture of sports apparel, see 14101
- (c) manufacture of saddlery and harness, see 15120
- (d) manufacture of whips and riding crops, see 15120
- (e) manufacture of sports footwear, see 1520
- (f) manufacture of sporting weapons and ammunition, see 25200
- (g) manufacture of metal weights as used for weightlifting, see 25999
- (h) manufacture of automatic bowling alley equipment (e.g. pin-setters) see 28290
- (i) manufacture of sports vehicles other than toboggans and the like, see divisions 29 and 30
- (j) manufacture of boats, see 30120
- (k) manufacture of billiard tables, see 32400
- (l) manufacture of ear and noise plugs (e.g. for swimming and noise protection), see 32909

## C

DIVISION 32 : OTHER MANUFACTURING  
 Group 324 : Manufacture of games and toys

CLASS	ITEM	DESCRIPTION	MSIC 2000
3240 <sup>(1)</sup>		Manufacture of games and toys	
	32400	Manufacture of games and toys	36940p

- (1) **Includes:**
- (a) manufacture of dolls, toys (ceramic, glass, paper, paperboard, wooden, rubber, etc.) and games such as complete dolls, doll parts, doll clothes, action toys, games (including electronic, paper or paperboard), hobby kits, and children's vehicles (except metal bicycles and tricycles)
  - (b) manufacture of articles of funfair, table or parlour games
  - (c) manufacture of pin-tables, coin-operated games, billiards, special tables for casino games, etc.
  - (d) manufacture of playing cards
  - (e) manufacture of electronic games with fixed (non-replaceable) software
- Excludes:**
- (a) manufacture of video game consoles, see 26400
  - (b) manufacture of bicycles, see 30920
  - (c) writing and publishing of software for video game consoles, see 58202, 62010

DIVISION 32 : OTHER MANUFACTURING  
 Group 325 : Manufacture of medical and dental instruments and supplies



CLASS	ITEM	DESCRIPTION	MSIC 2000
3250 <sup>(1)</sup>		Manufacture of medical and dental instruments and supplies	
	32500	Manufacture of medical and dental instrument and supplies	25199p, 33110p

- (1) **Includes:**
- (a) manufacture of laboratory apparatus
  - (b) manufacture of medical, surgical, dental or veterinary furniture (e.g. operating tables, examination tables, hospital beds with mechanical fittings, dentists' chairs)
  - (c) manufacture of laboratory, surgical and medical instruments, surgical appliances and supplies (e.g. surgical drapes, sterile string and tissue, laboratory sterilizers, bone plates and screws, syringes, needles, catheters, cannulae, etc.)
  - (d) production of artificial teeth
  - (e) manufacture of orthopaedic and prosthetic devices
  - (f) manufacture of dental fillings and cements, dental wax and other dental plaster preparations used in dentistry
  - (g) manufacture of medical thermometers
  - (h) manufacture of ophthalmic goods, eyeglasses, sunglasses, lenses ground to prescription, contact lenses, safety goggles
  - (i) manufacture of other medical and dental instrument and supplies n.e.c.
- Excludes:**
- (a) manufacture of denture adhesives, see 20232
  - (b) manufacture of medical impregnated wadding, dressings, etc., see 21009
  - (c) manufacture of electro medical and electrotherapeutic equipment, see 26600
  - (d) manufacture of wheelchairs, see 30920



**DIVISION 32 : OTHER MANUFACTURING**  
**Group 329 : Other manufacturing n.e.c.**

CLASS	ITEM	DESCRIPTION	MSIC 2000
3290 <sup>(1)</sup>		Other manufacturing n.e.c.	
	32901	Manufacture of stationery <sup>(2)</sup>	36992

- (1) **Excludes:**
- (a) manufacture of lighter wicks, see 13990
  - (b) manufacture of work wear and service apparel (e.g. laboratory coats, work overalls, uniforms), see 14101
  - (c) manufacture of paper novelties, see 17099
- (2) **Includes:**
- (a) manufacture of pens and pencils of all kinds whether or not mechanical
  - (b) manufacture of pencil leads
  - (c) manufacture of date, sealing or numbering stamps, hand-operated devices for printing, or embossing labels, hand printing sets, prepared typewriter ribbons and ink pads, etc.

DIVISION 32 : OTHER MANUFACTURING  
 Group 329 : Other manufacturing n.e.c.



CLASS	ITEM	DESCRIPTION	MSIC 2000
	32909	Other manufacturing n.e.c. <sup>(1)</sup>	36991, 36993, 36999p

- (1) **Includes:**
- (a) manufacturing of protective safety equipment such as manufacture of fire-resistant and protective safety clothing; manufacture of linemen's safety belts and other belts for occupational use; manufacture of cork life preservers; manufacture of plastics hard hats and other personal safety equipment of plastics (e.g. athletic helmets); manufacture of fire-fighting protection suits; manufacture of metal safety headgear and other metal personal safety devices; manufacture of ear and noise plugs (e.g. for swimming and noise protection); manufacture of gas masks
  - (b) manufacture of brooms and brushes, including brushes constituting parts of machines, hand-operated mechanical floor sweepers, mops and feather dusters, paint brushes, paint pads and rollers, squeegees and other brushes, brooms, mops, etc.
  - (c) manufacture of shoe and clothes brushes
  - (d) manufacture of globes
  - (e) manufacture of umbrellas, sun-umbrellas, walking sticks, seat-sticks
  - (f) manufacture of buttons, press-fasteners, snap-fasteners, press-studs, slide fasteners
  - (g) manufacture of cigarette lighters
  - (h) manufacture of articles of personal use (smoking pipes, combs, hair slides, scent sprays, vacuum flasks and other vacuum vessels for personal or household use, wigs, false beards, eyebrows)
  - (i) taxidermy activities
  - (j) manufacture of miscellaneous articles (candles, tapers and the like; bouquets, wreaths and floral baskets; artificial flowers, fruit and foliage; jokes and novelties, hand sieves and hand riddles; tailors' dummies; burial caskets, etc.) and any other articles n.e.c.

**C****DIVISION 33 REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT**

The division includes the specialized repair of goods produced in the manufacturing sector with the aim to restore machinery, equipment and other products to working order. The provision of general or routine maintenance (i.e. servicing) on such products to ensure they work efficiently and to prevent breakdown and unnecessary repairs is included.

This division does only include specialized repair and maintenance activities. A substantial amount of repair is also done by manufacturers of machinery, equipment and other goods, in which case the classification of units engaged in these repair and manufacturing activities is done according to the value-added principle which would often assign these combined activities to the manufacture of the good. The same principle is applied for combined trade and repair. The rebuilding or remanufacturing of machinery and equipment is considered a manufacturing activity and included in other divisions of this section.

Repair and maintenance of goods that are utilized as capital goods as well as consumer goods is typically classified as repair and maintenance of household goods (e.g. office and household furniture repair, see 9524).

Also included in this division is the specialized installation of machinery. However, the installation of equipment that forms an integral part of buildings or similar structures, such as installation of electrical wiring, installation of escalators or installation of air-conditioning systems, is classified as construction.

This division excludes the cleaning of industrial machinery (see class 8129) and the repair and maintenance of computers, communications equipment and household goods (see division 95).

**GROUP 331 Repair of fabricated metal products, machinery and equipment**

This group includes the specialized repair of goods produced in the manufacturing sector with the aim to restore these metal products, machinery, equipment and other products to working order. The provision of general or routine maintenance (i.e. servicing) on such products to ensure they work efficiently and to prevent breakdown and unnecessary repairs is included.

**GROUP 332 Installation of industrial machinery and equipment**

This group includes the specialized installation of machinery. However, the installation of equipment that forms an integral part of buildings or similar structures, such as installation of escalators, electrical wiring, burglar alarm systems or air-conditioning systems, is classified as construction.

**DIVISION 33 : REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT**  
**Group 331 : Repair of fabricated metal products, machinery and equipment**



CLASS	ITEM	DESCRIPTION	MSIC 2000
3311 <sup>(1)</sup>		<b>Repair of fabricated metal products</b>	
	33110	Repair of fabricated metal products	28110p, 28120p, 28130p

- (1) **Includes:**
- (a) repair of metal tanks, reservoirs and containers
  - (b) mobile welding repair
  - (c) repair of steel shipping drums
  - (d) repair and maintenance of steam or other vapour generators
  - (e) repair and maintenance of auxiliary plant for use with steam generators (e.g. condenser, accumulators, etc.)
  - (f) repair and maintenance of nuclear reactors, except isotope separators
  - (g) repair and maintenance of parts for marine or power boilers
  - (h) plate work repair of central heating boilers and radiators
  - (i) repair and maintenance of shopping carts

- Excludes:**
- (a) repair of central heating systems, etc., see 43221
  - (b) repair of mechanical locking devices, safes, etc., see 80200



**DIVISION 33 : REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT**  
**Group 331 : Repair of fabricated metal products, machinery and equipment**

CLASS	ITEM	DESCRIPTION	MSIC 2000
3312		Repair of machinery	
	33120	Repair and maintenance of industrial machinery and equipment <sup>(1)</sup>	29110p, 29120p, 29130p, 29140p, 29150p, 29191p, 29199p, 29210p, 29220p, 29230p, 29240p, 29250p, 29260p, 29290p, 30001p

- (1) **Includes:**
- (a) repair and maintenance of non-automotive engines
  - (b) repair and maintenance of pumps and related equipment
  - (c) repair of valves, gearing and driving elements
  - (d) repair and maintenance of industrial process furnaces
  - (e) repair and maintenance of materials handling equipment
  - (f) repair and maintenance of commercial refrigeration equipment and air purifying equipment
  - (g) repair and maintenance of commercial-type general purpose machinery
  - (h) repair of other power-driven hand-tools
  - (i) repair and maintenance of metal cutting and metal forming machine tools and accessories
  - (j) repair and maintenance of other machine tools, agricultural tractors, agricultural machinery and forestry and logging machinery, metallurgy machinery
  - (k) repair and maintenance of mining, construction, and oil and gas field machinery, food, beverages and tobacco processing machinery textile apparel and leather production machinery, papermaking machinery, fire arms and ordnance (including repair of sporting and recreational guns)
  - (l) repair and maintenance of other special purpose machinery of division 28
  - (m) repair and maintenance of weighing equipment
  - (n) repair and maintenance of vending machines
  - (o) repair and maintenance of cash registers
  - (p) repair and maintenance of photocopy machines
  - (q) repair of calculators, electronic or not, typewriters
  - (r) repair and maintenance of other machinery and equipment n.e.c.
- Excludes:**
- (a) installation, repair and maintenance of furnaces and other heating equipment, see 4322
  - (b) installation, repair and maintenance of elevators and escalators, see 43291

**DIVISION 33 : REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT**  
**Group 331 : Repair of fabricated metal products, machinery and equipment**



CLASS	ITEM	DESCRIPTION	MSIC 2000
3313 <sup>(1)</sup>		<b>Repair of electronic and optical equipment</b>	
	33131	Repair and maintenance of the measuring, testing, navigating and control equipment <sup>(2)</sup>	33120p
	33132	Repair and maintenance of irradiation, electro medical and electrotherapeutic equipment <sup>(3)</sup>	33110p

- (1) **Excludes:**
- (a) repair of photocopy machines, see 33120
  - (b) repair and maintenance of computers and peripheral equipment, see 95111
  - (c) repair of computer projectors, see 95111
  - (d) repair and maintenance of communication equipment, see 9512
  - (e) repair of commercial TV and video cameras, see 95127
  - (f) repair of house hold-type video cameras, see 95214
  - (g) repair of watches and clocks, see 95294
- (2) **Includes:**
- (a) repair and maintenance of aircraft engine instruments
  - (b) repair and maintenance of automotive emissions testing equipment
  - (c) repair and maintenance of meteorological instruments
  - (d) repair and maintenance of physical, electrical and chemical properties testing and inspection equipment
  - (e) repair and maintenance of surveying instrument
  - (f) repair and maintenance of radiation detection and monitoring instruments
  - (g) repair of time clocks, time/date stamps, time locks and similar time recording devices
- (3) **Includes:**
- (a) repair and maintenance of magnetic resonance imaging equipment
  - (b) repair and maintenance of medical ultrasound equipment
  - (c) repair and maintenance of pacemakers
  - (d) repair and maintenance of hearing aids
  - (e) repair and maintenance of electrocardiographs
  - (f) repair and maintenance of electro medical equipment
  - (g) repair and maintenance of irradiation apparatus
  - (h) repair and maintenance of apparatus and equipments n.e.c.

**C**

**DIVISION 33 : REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT**  
**Group 331 : Repair of fabricated metal products, machinery and equipment**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	33133	Repair of optical instruments and photographic equipment <sup>(1)</sup>	33201p, 33202p
	<b>3314<sup>(2)</sup></b>	<b>Repair of electrical equipment</b>	
	33140	Repair and maintenance of electrical equipment except domestic appliances	31100p, 31200p, 31301p, 31302p, 31309p, 31400p, 31500p, 31900p

- (1) **Includes:** (a) repair of binoculars, microscopes (except electron, proton), telescopes, prisms and lenses (except ophthalmic)  
 (b) repair of photographic equipment (if the use mainly commercial)
- (2) **Includes:** (a) repair and maintenance of power, distribution and specialty transformers  
 (b) repair and maintenance of electric motors, generators and motor generator sets  
 (c) repair and maintenance of switchgear and switchboard apparatus  
 (d) repair and maintenance of relays and industrial controls  
 (e) repair and maintenance of primary and storage batteries  
 (f) repair and maintenance of electric lighting equipment  
 (g) repair and maintenance of current-carrying wiring devices and non-current-carrying wiring devices for wiring electrical circuits
- Excludes:** (a) repair and maintenance of computers and peripheral computer equipment, see 95111  
 (b) repair and maintenance of telecommunications equipment, see 9512  
 (c) repair and maintenance of consumer electronics, see 9521  
 (d) repair of watches and clocks, see 95294

**DIVISION 33 : REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT**  
**Group 331 : Repair of fabricated metal products, machinery and equipment**



CLASS	ITEM	DESCRIPTION	MSIC 2000
3315 <sup>(1)</sup>		<b>Repair of transport equipment, except motor vehicles</b>	
	33150	Repair and maintenance of transport equipment except motorcycles and bicycles	35110p, 35120p, 35200p, 35300p
3319 <sup>(2)</sup>		<b>Repair of other equipment</b>	
	33190	Repair and maintenance of other equipment n.e.c.	17230p, 20230p, 36920p, 36930p, 36940p

- (1) **Includes:**
- (a) repair and routine maintenance of ships
  - (b) repair and maintenance or alteration of pleasure boats
  - (c) repair and maintenance of locomotives and railroad cars (except factory rebuilding or factory conversion)
  - (d) repair and maintenance of aircraft (except factory conversion, factory overhaul, factory rebuilding)
  - (e) repair and maintenance of aircraft engines
  - (f) repair of animal drawn buggies and wagons
- Excludes:**
- (a) factory rebuilding of ships, see 30110
  - (b) factory rebuilding of locomotives and railroad cars, see 30200
  - (c) factory rebuilding of aircraft, see 30300
  - (d) repair and maintenance of shopping carts, see 33110
  - (d) ship scaling, dismantling, see 38302
  - (e) repair and maintenance of motorcycles, see 45403
  - (f) repair of bicycles, see 95291
- (2) **Includes:**
- (a) repair of fishing nets, including mending
  - (b) repair of ropes, riggings, canvas and tarps
  - (c) repair of fertilizer and chemical storage bags
  - (d) repair or reconditioning of wooden pallets, shipping drums or barrels, and similar items
  - (e) repair of pinball machines and other coin-operated games
  - (f) restoring of organs and other historical musical instruments
  - (g) repair and maintenance of other equipment n.e.c.
- Excludes:**
- (a) repair of household and office type furniture, furniture restoration, see 95240
  - (b) repair of bicycles, see 95291
  - (c) repair and alteration of clothing, see 95292



**DIVISION 33 : REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT**  
**Group 332 : Installation of industrial machinery and equipment**

CLASS	ITEM	DESCRIPTION	MSIC 2000
3320 <sup>(1)</sup>		<b>Installation of industrial machinery and equipment</b>	
	33200	Installation of industrial machinery and equipment	29110p, 29120p, 29130p, 29140p, 29150p, 29191p, 29199p, 29210p, 29220p, 29230p, 29240p, 29250p, 29260p, 29290p, 30001p, 33130p

- (1) **Includes:**
- (a) installation of industrial machinery in industrial plant
  - (b) dismantling large-scale machinery and equipment
  - (c) activities of millwrights
  - (d) machine rigging
  - (e) installation of bowling alley equipment
  - (f) installation of industrial process control equipment
  - (g) installation of other industrial machinery and equipment n.e.c.
- Excludes:**
- (a) installation of electrical wiring, burglar alarm system, see 43211, 43216
  - (b) installation of air-conditioning system, see 43225
  - (c) installation of elevators, escalators, automated doors, vacuum cleaning systems, etc, see 4329
  - (d) installation of doors, staircases, shop fittings, furniture, etc, see 43301
  - (e) installation (setting-up) of personal computers, see 62099

**D**

**● ELECTRICITY, GAS, STEAM  
AND AIR CONDITIONING  
SUPPLY**

35 Electricity, gas, steam and air  
conditioning supply

**D**

**SECTION D : ELECTRICITY, GAS, STEAM AND  
AIR CONDITIONING SUPPLY**

**D**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	1
GROUP	3
CLASS	3
ITEM	8

This section includes the activity of providing electric power, natural gas, steam, hot water and the like through a permanent infrastructure (network) of lines, mains and pipes. The dimension of the network is not decisive; also included are the distribution of electricity, gas, steam, hot water and the like in industrial parks or residential buildings. This section therefore includes the operation of electric and gas utilities, which generate, control and distribute electric power or gas. Also included is the provision of steam and air-conditioning supply.

This section excludes the operation of water and sewerage utilities, see 36, 37.

This section also excludes the (typically long-distance) transport of gas through pipelines.

**DIVISION 35 ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY**

This division includes the electric power generation, transmission and distribution; manufacture of gas and the distribution of gaseous fuels through mains; steam and air conditioning supply.

**GROUP 351 Electric power generation, transmission and distribution**

This group comprises the generation of bulk electric power, transmission from generating facilities to distribution centers, and distribution to end users.

**GROUP 352 Manufacture of gas; distribution of gaseous fuels through mains**

This group includes the manufacture of gas and the distribution of natural or synthetic gas to the consumer through a system of mains. Gas marketers or brokers, who arrange the sale of natural gas over distribution systems operated by others, are included.

The separate operation of gas pipelines, typically done over long distances, connecting producers with distributors of gas, or between urban centers, is excluded from this class and classified with other pipeline transport activities.

**GROUP 353 Steam and air conditioning supply****D**

This group includes production, collection and distribution of steam and hot water for heating, power and other purposes; production and distribution of cooled air; production and distribution of chilled water for cooling purposes; production of ice, including ice for food and non-food (e.g. cooling) purposes.

**DIVISION 35 : ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY**  
**Group 351 : Electric power generation, transmission and distribution**

CLASS	ITEM	DESCRIPTION	MSIC 2000
3510 <sup>(1)</sup>		<b>Electric power generation, transmission and distribution</b>	
	35101	Operation of generation facilities that produce electric energy <sup>(2)</sup>	40100p
	35102	Operation of transmission, distribution and sales of electricity	40100p



(1) **Excludes:** production of electricity through incineration of waste, see 38210

(2) **Includes:**

- (a) thermal
- (b) nuclear
- (c) hydroelectric
- (d) gas turbine
- (e) diesel and renewable

DIVISION 35 : ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY  
 Group 352 : Manufacture of gas; distribution of gaseous fuels through mains

**D**

CLASS	ITEM	DESCRIPTION	MSIC 2000
3520 <sup>(1)</sup>		<b>Manufacture of gas; distribution of gaseous fuels through mains</b>	
	35201	Manufacture of gaseous fuels with a specified calorific value, by purification, blending and other processes from gases of various types <sup>(2)</sup> including natural gas	40200p
	35202	Transportation, distribution and supply of gaseous fuels of all kinds through a system of mains	40200p
	35203	Sale of gas to the user through mains	40200p

- (1) **Excludes:**
- (a) operation of coke ovens, see 19100
  - (b) manufacture of refined petroleum products, see 19201
  - (c) manufacture of industrial gases, see 20111
  - (d) wholesale of gaseous fuels, see 46619
  - (e) retail sale of bottled gas, see 47736
  - (f) direct selling of fuel, see 47991
  - (g) (long-distance) transportation of gases by pipelines, see 49300

DIVISION 35 : ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY  
Group 353 : Steam and air conditioning supply

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CLASS	ITEM	DESCRIPTION	MSIC 2000
3530		<b>Steam and air conditioning supply</b>	
	35301	Production, collection and distribution of steam and hot water for heating, power and other purposes	40300p
	35302	Production and distribution of cooled air, chilled water for cooling purposes	40300p
	35303	Production of ice, including ice for food and non-food (e.g. cooling) purposes	15491

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**D**

**E**

**WATER SUPPLY; SEWERAGE,  
WASTE MANAGEMENT AND  
REMEDICATION ACTIVITIES**

- 36 Water collection, treatment and supply
- 37 Sewerage
- 38 Waste collection, treatment and disposal activities; materials recovery
- 39 Remediation activities and other waste management services

**E**

**SECTION E : WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT  
AND REMEDIATION ACTIVITIES**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	4
GROUP	6
CLASS	8
ITEM	18



This section includes activities related to the management (including collection, treatment and disposal) of various forms of waste, such as solid or non-solid industrial or household waste, as well as contaminated sites. The output of the waste or sewage treatment process can either be disposed of or become an input into other production processes. Activities of water supply are also grouped in this section, since they are often carried out in connection with, or by units also engaged in, the treatment of sewage.

**DIVISION 36 WATER COLLECTION, TREATMENT AND SUPPLY**

This division includes the collection, treatment and distribution of water for domestic and industrial needs. Collection of water from various sources, as well as distribution by various means is included.

**GROUP 360 Water collection, treatment and supply**

This group includes water collection, treatment and distribution activities for domestic and industrial needs. Collection of water from various sources, as well as distribution by various means is included. The operation of irrigation canals is also included; however the provision of irrigation services through sprinklers, and similar agricultural support services, is not included.

**DIVISION 36 : WATER COLLECTION, TREATMENT AND SUPPLY**  
**Group 360 : Water collection, treatment and supply**

**E**

CLASS	ITEM	DESCRIPTION	MSIC 2000
3600 <sup>(1)</sup>		<b>Water collection, treatment and distribution activities for domestic and industrial needs</b>	
	36001	Purification and distribution of water for water supply purposes <sup>(2)</sup>	01400p, 41000p
	36002	Desalting of sea or ground water to produce water as the principal product of interest <sup>(3)</sup>	41000p

(1) **Includes:** distribution of water by trucks

**Excludes:** (a) operation of irrigation equipment for agricultural purposes, see 01610  
 (b) treatment of waste water in order to prevent pollution, see 37000  
 (c) (long-distance) transport of water via pipelines, see 49300

(2) **Includes:** operation of irrigation canals

(3) **Includes:** potable water production by evaporation of saline water

**DIVISION 37 SEWERAGE**

This division includes the operation of sewer systems or sewage treatment facilities that collect, treat, and dispose of sewage.

**GROUP 370 Sewerage**

This group includes operation of sewer systems or sewer treatment facilities; collecting and transporting of human or industrial wastewater from one or several users, as well as rain water by means of sewerage networks, collectors, tanks and other means of transport (sewage vehicles, etc.); emptying and cleaning of cesspools and septic tanks, sinks and pits from sewage; servicing of chemical toilets; treatment of wastewater (including human and industrial wastewater, water from swimming pools, etc.) by means of physical, chemical and biological processes like dilution, screening, filtering, sedimentation, etc. and maintenance and cleaning of sewers and drains, including sewer rodding.



DIVISION 37 : SEWERAGE  
 Group 370 : Sewerage



CLASS	ITEM	DESCRIPTION	MSIC 2000
3700		Sewerage	
	37000	Sewerage and similar activities <sup>(1)</sup>	90001p

- (1) **Includes:**
- (a) operation of sewer systems or sewer treatment facilities, maintenance of sewers
  - (b) collecting and transporting of human or industrial wastewater from one or several users, as well as rain water by means of sewerage networks, collectors, tanks and other means of transport (sewage vehicles, etc.)
  - (c) emptying and cleaning of cesspools and septic tanks, sinks and pits from sewage; servicing of chemical toilets
  - (d) treatment of wastewater (including human and industrial wastewater, water from swimming pools, etc.) by means of physical, chemical and biological processes like dilution, screening, filtering, sedimentation, etc.
  - (e) maintenance and cleaning of sewers and drains, including sewer rodding

**DIVISION 38 WASTE COLLECTION, TREATMENT AND DISPOSAL ACTIVITIES;  
MATERIALS RECOVERY**

This division includes the collection, treatment, and disposal of waste materials. This also includes local hauling of waste materials and the operation of materials recovery facilities (i.e. those that sort recoverable materials from a waste stream).

**GROUP 381 Waste collection**

This group includes the collection of waste from households and businesses by means of refuse bins, wheeled bins, containers, etc. It includes collection of non-hazardous and hazardous waste e.g. waste from households, used batteries, used cooking oils and fats, waste oil from ships and used oil from garages, as well as construction and demolition waste.

**GROUP 382 Waste treatment and disposal**

This group includes the disposal and treatment prior to disposal of various forms of waste by different means, such as waste treatment of organic waste with the aim of disposal; treatment and disposal of toxic live or dead animals and other contaminated waste; treatment and disposal of transition radioactive waste from hospitals, etc.; dumping of refuse on land or in water; burial or ploughing-under of refuse; disposal of used goods such as refrigerators to eliminate harmful waste; disposal of waste by incineration or combustion. Included is also the generation of electricity resulting from waste incineration processes.

This group excludes the treatment and disposal of wastewater, see 3700.

**GROUP 383 Materials recovery**

This group includes processing of metal and non-metal waste and scrap and other articles into secondary raw materials, usually involving a mechanical or chemical transformation process. This group also includes recovery of materials from waste streams in the form of separating and sorting recoverable materials from non-hazardous waste streams (i.e. garbage); separating and sorting of commingled recoverable materials, such as paper, plastics, used beverage cans and metals, into distinct categories.

Examples of the mechanical or chemical transformation processes that are undertaken are mechanical crushing of metal waste such as used cars, washing iron pieces such as railway wagons; shredding of metal waste, end-of-life vehicles etc; other methods of mechanical treatment as cutting, pressing to reduce the volume; ship-breaking; reclaiming metals out of photographic waste, e.g. fixer solution or photographic films and paper; reclaiming of rubber such as used tires to produce secondary raw material; sorting and pelleting of plastics to produce secondary raw material for tubes, flower pots, pallets and the like; processing (cleaning, melting, grinding) of plastic or rubber waste to granulates;



crushing, cleaning and sorting of glass; crushing, cleaning and sorting of other waste such as demolition waste to obtain secondary raw material; processing of used cooking oils and fats into secondary raw materials; processing of other food, beverage and tobacco waste and residual substances into secondary raw materials.



**DIVISION 38 : WASTE COLLECTION, TREATMENT AND DISPOSAL ACTIVITIES;  
MATERIALS RECOVERY**

**Group 381 : Waste collection**

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>3811<sup>(1)</sup></b>		<b>Collection of non-hazardous waste</b>	
	38111	Collection of non-hazardous solid waste (i.e. garbage) within a local area	90002p
	38112	Collection of recyclable materials	90002p
	38113	Collection of refuse in litter-bins in public places	90002p
	38114	Collection of construction and demolition waste	90003p
	38115	Operation of waste transfer stations for non-hazardous waste	90001p
<b>3812<sup>(2)</sup></b>		<b>Collection of hazardous waste</b>	
	38121	Collection of hazardous waste <sup>(3)</sup>	90003p
	38122	Operation of waste transfer stations for hazardous waste	90003p



- (1) **Includes:** households and business by means of refuse bins, wheeled bins, containers, etc.
- Excludes:**
- (a) collection of hazardous waste, see 38121
  - (b) operation of landfills for the disposal of non-hazardous waste, see 3821
  - (c) operation of facilities where commingled recoverable materials (e.g. paper, plastics, etc.) are sorted into distinct categories, see 3830
- (2) **Excludes:** remediation and clean up of contaminated buildings, mine sites, soil, ground water, e.g. asbestos removal, see 3900
- (3) **Includes:**
- (a) used oil from shipment or garages, bio-hazardous waste, used batteries, etc.
  - (b) collection and treatment of radioactive nuclear waste

**DIVISION 38 : WASTE COLLECTION, TREATMENT AND DISPOSAL ACTIVITIES;  
MATERIALS RECOVERY**

**Group 382 : Waste treatment and disposal<sup>(1)</sup>**



CLASS	ITEM	DESCRIPTION	MSIC 2000
3821 <sup>(2)</sup>		Treatment and disposal of non-hazardous waste	
	38210	Treatment and disposal of non-hazardous waste <sup>(3)</sup>	90002p, 24120p

(1) **Excludes:** treatment and disposal of wastewater, see 3700

(2) **Excludes:** (a) incineration and combustion of hazardous waste, see 3822  
 (b) operation of facilities where commingled recoverable materials (e.g. paper, plastics, used beverage cans, and metals, are sorted into distinct categories, see 3830)  
 (c) decontamination, clean up of land, water; toxic material abatement, see 39000

(3) **Includes:** (a) production of electricity through incineration of waste  
 (b) treatment of organic waste for disposal  
 (c) energy recovery from non-hazardous waste incineration processes  
 (d) operation of compost dumps  
 (e) production of compost from organic waste  
 (f) biological transformation process using effective microbial, enzyme, worms to produce secondary products raw material (e.g. organic fertilizer from livestock waste)

**DIVISION 38 : WASTE COLLECTION, TREATMENT AND DISPOSAL ACTIVITIES;  
MATERIALS RECOVERY**

**Group 382 : Waste treatment and disposal**

CLASS	ITEM	DESCRIPTION	MSIC 2000
3822 <sup>(1)</sup>		Treatment and disposal of hazardous	
	38220	Treatment and disposal of hazardous <sup>(2)</sup>	90002p, 90003p, 23300p



- (1) **Excludes:**
- (a) incineration of non-hazardous waste, see 3821
  - (b) decontamination, clean up of land, water; toxic material abatement, see 39000
  - (c) reprocessing of nuclear fuels, see 20119
- (2) **Includes:**
- (a) disposal of used goods such as refrigerators to eliminate harmful waste
  - (b) treatment and disposal of transition radioactive waste from hospitals
  - (c) treatment and disposal of toxic, contaminated waste
  - (d) treatment and disposal of radioactive nuclear waste

**DIVISION 38 : WASTE COLLECTION, TREATMENT AND DISPOSAL ACTIVITIES;  
MATERIALS RECOVERY**

**Group 383 : Materials recovery**



CLASS	ITEM	DESCRIPTION	MSIC 2000
3830 <sup>(1)</sup>		Materials recovery	

(1) **Includes:** the recovery of materials from waste streams in the form of separating and sorting recoverable materials from non-hazardous waste streams (i.e. garbage) or the sorting of commingled recoverable materials, such as paper, plastic, used beverage cans and metals, into distinct categories, etc.

- Excludes:**
- (a) manufacture of new final products from (whether or not self-produced) secondary metal raw materials, such as spinning yarn from garneted stock, making pulp from paper waste, retreading tyres or production of metal from metal scrap, see corresponding classes in Section C (Manufacturing)
  - (b) reprocessing of nuclear fuels, see 20119
  - (c) remelting ferrous waste and scrap, see 24109
  - (d) treatment and disposal of non-hazardous waste, see 38210
  - (e) treatment of organic waste for disposal, see 38210
  - (f) energy recovery from non-hazardous waste incineration processes, see 38210
  - (g) disposal of used goods such as refrigerators to eliminate harmful waste, see 38220
  - (h) treatment and disposal of transition radioactive waste from hospitals, etc., see 38220
  - (i) treatment and disposal of toxic, contaminated waste, see 38220
  - (j) wholesale of recoverable materials, see 4669

**DIVISION 38 : WASTE COLLECTION, TREATMENT AND DISPOSAL ACTIVITIES;  
MATERIALS RECOVERY**

**Group 383 : Materials recovery**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	38301	Mechanical crushing of metal waste <sup>(1)</sup>	37101, 37109p
	38302	Dismantling of automobiles, computers, televisions and other equipment for material recover <sup>(2)</sup>	37109p
	38303	Reclaiming of rubber such as used tires to produce secondary raw material <sup>(3)</sup>	37202
	38304	Reuse of rubber products	37202p
	38309	Materials recovery n.e.c. <sup>(4)</sup>	37109p, 37201p, 37209p



- (1) **Includes:** (a) mechanical crushing of metal waste such as used cars, washing machines, bikes, ship, etc. with subsequent sorting and separation  
(b) shredding of cars by means of a mechanical process  
(c) recycling of tin
- (2) **Includes:** ship scaling, dismantling  
**Excludes:** dismantling of automobiles, computer, televisions and other equipment to obtain and re-sell usable parts, see 46699
- (3) **Includes:** recycling of rubber product, etc.
- (4) **Includes:** recycling of textile fibres, etc.

**DIVISION 39 REMEDIATION ACTIVITIES AND OTHER WASTE MANAGEMENT SERVICES**

This division includes the provision of remediation services, i.e. the cleanup of contaminated buildings and sites, soil, surface or ground water.

**GROUP 390 Remediation activities and other waste management services****E**

This group includes decontamination of soils and groundwater at the place of pollution, either in situ or ex situ using e.g. mechanical, chemical or biological methods; decontamination of industrial plants or sites, including nuclear plants and sites; decontamination and cleaning up of surface water following accidental pollution, e.g. through collection of pollutants or through application of chemicals; cleaning up of oil spills and other pollutions on land, in surface water, in ocean and seas, including coastal areas; asbestos, lead paint, and other toxic material abatement; clearing of landmines and the like (including detonation) and other specialized pollution-control activities.

**DIVISION 39 : REMEDIATION ACTIVITIES AND OTHER WASTE MANAGEMENT SERVICES**

**Group 390 : Remediation activities and other waste management services**

CLASS	ITEM	DESCRIPTION	MSIC 2000
3900 <sup>(1)</sup>		Remediation activities and other waste management services	
	39000	Remediation activities and other waste management services <sup>(2)</sup>	45102p, 45104p, 90001p, 90002p, 90003p



- (1) **Includes:**
- (a) decontamination of soils and groundwater at the place of pollution, either in situ or ex situ, using e.g. mechanical, chemical or biological methods
  - (b) decontamination of industrial plants or sites, including nuclear plants and sites
  - (c) decontamination and cleaning up of surface water following accidental pollution, e.g. through collection of pollutants or through application of chemicals
  - (d) cleaning up of oil spills and other pollutions on land, in surface water, in ocean and seas, including coastal areas
  - (e) asbestos, lead paint, and other toxic material abatement
  - (f) clearing of landmines and the like (including detonation)
  - (g) other specialized pollution-control activities
- Excludes:**
- (a) treatment and disposal of non-hazardous waste, see 38210
  - (b) treatment and disposal of hazardous waste, see 38220
  - (c) outdoor sweeping and watering of streets, etc., see 81299
- (2) **Includes :** the cleanup of contaminated buildings and sites, soil, surface or ground water

**F**

● **CONSTRUCTION**

- 41 Construction of buildings
- 42 Civil engineering
- 43 Specialized construction activities

●  
**F**

SECTION F : CONSTRUCTION

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	3
GROUP	8
CLASS	11
ITEM	72



This section includes general construction and specialized construction activities for buildings and civil engineering works. It includes new work, repair, additions and alterations, the erection of prefabricated buildings or structures on the site and also construction of a temporary nature.

General construction is the construction of entire dwellings, office buildings, stores and other public and utility buildings, farm buildings, etc., or the construction of civil engineering works such as motorways, streets, bridges, tunnels, railways, airfields, harbours and other water projects, irrigation systems, sewerage systems, industrial facilities, pipelines and electric lines, sports facilities, etc.

This work can be carried out on own account or on a fee or contract basis. Portions of the work and sometimes even the whole practical work can be subcontracted out. A unit that carries the overall responsibility for a construction project is classified here.

Also included is the repair of buildings and engineering works.

This section includes the complete construction of buildings (division 41), the complete construction of civil engineering works (division 42), as well as specialized construction activities, if carried out only as a part of the construction process (division 43).

The renting of construction equipment with operator is classified with the specific construction activity carried out with this equipment.

This section also includes the development of building projects for buildings or civil engineering works by bringing together financial, technical and physical means to realize the construction projects for later sale. If these activities are carried out not for later sale of the construction projects, but for their operation (e.g. renting of space in these buildings, manufacturing activities in these plants), the unit would not be classified here, but according to its operational activity, i.e. real estate, manufacturing, etc.

**DIVISION 41 CONSTRUCTION OF BUILDINGS**

This division includes general construction of buildings of all kinds. It includes new work, repair, additions and alterations, the erection of pre-fabricated buildings or structures on the site and also construction of temporary nature.

Included is the construction of entire dwellings, office buildings, stores and other public and utility buildings, farm buildings, etc.

**GROUP 410 Construction of buildings**

This group includes the construction of complete residential or non-residential buildings, on own account for sale or on a fee or contract basis. Outsourcing parts or even the whole construction process is possible. If only specialized parts of the construction process are carried out, the activity is classified in division 43.

**DIVISION 41 : CONSTRUCTION OF BUILDINGS**  
**GROUP 410 : Construction of buildings**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4100 <sup>(1)</sup>		<b>Construction of buildings</b>	
	41001	Residential buildings <sup>(2)</sup>	45201
	41002	Non-residential buildings <sup>(3)</sup>	45202
	41003	Assembly and erection of prefabricated constructions on the site	45209p
	41009	Construction of buildings n.e.c. <sup>(4)</sup>	45209p



- (1) **Includes:** (a) remodeling or renovating existing residential structures  
(b) construction of complete residential or non-residential buildings, on own account for sale or on a fee or contract basis
- Excludes:** (a) erection of complete prefabricated constructions from self-manufactured parts not of concrete, see divisions 16 and 25  
(b) construction of industrial facilities, except buildings, see 4290  
(c) architectural and engineering activities, see 7110  
(d) project management activities related to construction, see 71102
- (2) **Includes:** construction of all types of residential buildings: single-family houses (e.g. bungalow); multi-family buildings (e.g. terrace, apartment and condominiums), including high-rise buildings
- (3) **Includes:** construction of all types of non-residential buildings (e.g. buildings for industrial production; hospitals, schools, office buildings; hotels, stores, shopping malls, restaurants; airport buildings; indoor sports facilities; parking garages; warehouses; religious buildings, etc.)
- (4) **Includes:** restoring of historical sites and buildings

**DIVISION 42 CIVIL ENGINEERING**

This division includes general construction for civil engineering objects. It includes new work, repair, additions and alterations, the erection of pre-fabricated structures on the site and also construction of temporary nature.

Included is the construction of heavy constructions such as motorways, streets, bridges, tunnels, railways, airfields, harbours and other water projects, irrigation systems, sewerage systems, industrial facilities, pipelines and electric lines, outdoor sports facilities, etc. This work can be carried out on own account or on a fee or contract basis. Portions of the work and sometimes even the whole practical work can be subcontracted out.

F**GROUP 421 Construction of roads and railways**

This group includes construction of motorways, streets, roads, other vehicular and pedestrian ways; surface work on streets, roads, highways, bridges or tunnels; construction of bridges, including those for elevated highways; construction of tunnels; construction of railways and subways and construction of airfield runways.

**GROUP 422 Construction of utility projects**

This group includes the construction of distribution lines and related buildings and structures that are integral part of these systems.

**GROUP 429 Construction of other civil engineering projects**

This group includes the construction of industrial facilities, except buildings; construction of waterways, harbour and river works, pleasure ports (marinas), locks, dams and dykes; dredging of waterways; construction work, other than buildings; land subdivision with land improvement.

**DIVISION 42 : CIVIL ENGINEERING**  
**GROUP 421 : Construction of roads and railways**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4210 <sup>(1)</sup>		<b>Construction of roads and railways</b>	
	42101	Construction of motorways, streets, roads, other vehicular and pedestrian ways	45203p
	42102	Surface work on streets, roads, highways, bridges or tunnels <sup>(2)</sup>	45203p
	42103	Construction of bridges, including those for elevated highways	45203p
	42104	Construction of tunnels	45203p
	42105	Construction of railways and subways	45203p
	42106	Construction of airfield/airports runways	45203p
	42109	Construction of roads and railways n.e.c.	45209p

- (1) **Excludes:** (a) installation of street lighting and electrical signals, see 43215  
(b) architectural, see 71101 and engineering activities, see 71102  
(c) project management activities related to civil engineering works, see 71102
- (2) **Includes:** asphalt paving of roads, road painting and other making, installation of crash barriers, traffic signs, etc.



DIVISION 42 : CIVIL ENGINEERING  
 GROUP 422 : Construction of utility projects

CLASS	ITEM	DESCRIPTION	MSIC 2000
4220 <sup>(1)</sup>		<b>Construction of utility projects</b>	
	42201	Long-distance pipelines, communication and power lines	45204p, 45205p
	42202	Urban pipelines, urban communication and power lines; ancillary urban works	45204p, 45205p, 60300p
	42203	Water main and line construction	45204p
	42204	Reservoirs	45204p
	42205	Construction of irrigation systems (canals)	45204p
	42206	Construction of sewer systems (including repair) and sewage disposal plants	45204p
	42207	Construction of power plants	45209p
	42209	Construction of utility projects n.e.c. <sup>(2)</sup>	45209p

(1) **Excludes:** project management activities related to civil engineering works, see 71102

(2) **Includes:** water well drilling and pumping stations

DIVISION 42 : CIVIL ENGINEERING  
 GROUP 429 : Construction of other civil engineering projects

CLASS	ITEM	DESCRIPTION	MSIC 2000
4290 <sup>(1)</sup>		<b>Construction of other civil engineering projects, except buildings</b>	
	42901	Construction of refineries	45209p
	42902	Construction of waterways, harbour and river works, pleasure ports (marinas), locks	45203p
	42903	Construction of dams and dykes	45204p
	42904	Dredging of waterways	45203p
	42905	Outdoor sports facilities	45206
	42906	Land subdivision with land improvement <sup>(2)</sup>	45209p, 70101p
	42909	Construction of other engineering projects n.e.c.	45209p



(1) **Excludes:** project management activities related to civil engineering works, see 71102

(2) **Includes:** adding of roads, utility infrastructure, etc.

**DIVISION 43 SPECIALIZED CONSTRUCTION ACTIVITIES**

This division includes specialized construction activities (special trades), i.e. the construction of parts of buildings and civil engineering works without responsibility for the entire project. It is usually specialized in one aspect common to different structures, requiring specialized skills or equipment, such as pile-driving, foundation work, carcass work, concrete work, bricklaying, stone setting, scaffolding, roof covering, etc., are covered. The erection of steel structures is included provided that the parts are not produced by the same unit. Specialized construction activities are mostly carried out under subcontract, but especially in repair construction it is done directly for the owner of the property.

Also included are building finishing and building completion activities.

Included is the installation of all kind of utilities that make the construction function as such. These activities are usually performed at the site of the construction, although parts of the job may be carried out in a special shop. Included are activities such as plumbing, installation of heating and air-conditioning systems, antennas, alarm systems and other electrical work, sprinkler systems, elevators and escalators, etc. Also included are insulation work (water, heat, sound), sheet metal work, commercial refrigerating work, the installation of illumination and signaling systems for roads, railways, airports, harbours, etc. Also included is the repair of the same type as the above-mentioned activities.

Building completion activities encompass activities that contribute to the completion or finishing of a construction such as glazing, plastering, painting, floor and wall tiling or covering with other materials like parquet, carpets, wallpaper, etc., floor sanding, finish carpentry, acoustical work, cleaning of the exterior, etc. Also included is the repair of the same type as the above-mentioned activities.

The renting of construction equipment with operator is classified with the associated construction activity.

**GROUP 431 Demolition and site preparation**

This group includes activities of preparing a site for subsequent construction activities, including the removal of previously existing structures.

**GROUP 432 Electrical, plumbing and other construction installation activities**

This group includes installation activities that support the functioning of a building as such, including installation of electrical systems, plumbing (water, gas and sewage systems), heat and air-conditioning systems, elevators, etc.

**GROUP 433 Building completion and finishing**

This group includes application in buildings or other construction projects of interior and exterior plaster or stucco, including related lathing materials; installation of doors (except automated and revolving), windows, door and window frames, of wood or other materials; installation of fitted kitchens, staircases, shop fittings and the like; installation of furniture; interior completion such as ceilings, wooden wall coverings, movable partitions, etc.; laying, tiling, hanging or fitting in buildings or other construction projects; interior and exterior painting of buildings; painting of civil engineering structures; installation of glass, mirrors, etc.; cleaning of new buildings after construction; other building completion work n.e.c. and also interior installation of shops, mobile homes, boats, etc.

**GROUP 439 Other specialized construction activities**

This group includes construction activities specializing in one aspect common to different kind of structures, requiring specialized skill or equipment; subsurface work; construction of outdoor swimming pools; steam cleaning, sand blasting and similar activities for building exteriors and renting of cranes with operator.

**DIVISION 43 : SPECIALIZED CONSTRUCTION ACTIVITIES**  
**GROUP 431 : Demolition and site preparation**



CLASS	ITEM	DESCRIPTION	MSIC 2000
4311		<b>Demolition</b>	
	43110	Demolition or wrecking of buildings and other structures	45101p
4312 <sup>(1)</sup>		<b>Sites preparation</b>	
	43121	Clearing of building sites	45101p
	43122	Earth moving <sup>(2)</sup>	45102p, 45500p
	43123	Drilling, boring and core sampling for construction, geophysical, geological or similar purposes	45109p
	43124	Site preparation for mining <sup>(3)</sup>	45103
	43125	Drainage of agricultural or forestry land	45109p
	43126	Land reclamation work	45104p
	43129	Other site preparation activities n.e.c.	45109p

- (1) **Excludes:** (a) drilling of production oil or gas wells, see 0610, 0620  
 (b) test drilling and test hole boring for mining operations (other than oil and gas extraction), see 09900  
 (c) decontamination of soil, see 39000  
 (d) water well drilling, see 42209  
 (e) shaft sinking, see 4390  
 (f) oil and gas field exploration, geophysical, geological and seismic surveying, see 71103
- (2) **Includes:** (a) excavation, landfill, levelling and grading of construction sites, trench digging, rock removal, blasting, etc.  
 (b) land preparation work
- (3) **Includes:** overburden removal and other development and preparation of mineral properties and sites (except oil and gas sites)

**DIVISION 43 : SPECIALIZED CONSTRUCTION ACTIVITIES**  
**GROUP 432 : Electrical, plumbing and other construction installation activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4321 <sup>(1)</sup>		<b>Electrical installation</b>	
	43211	Electrical wiring and fittings	45302p
	43212	Telecommunications wiring	45306p
	43213	Computer network and cable television wiring <sup>(2)</sup>	45309p
	43214	Satellite dishes	45309p
	43215	Lighting systems <sup>(3)</sup>	45309p
	43216	Security systems <sup>(4)</sup>	45306p
	43219	Electrical installation n.e.c.	45302p
4322 <sup>(5)</sup>		<b>Plumbing, heat and air-conditioning installation</b>	
	43221	Installation of heating systems (electric, gas and oil)	45307p
	43222	Installation of furnaces, cooling towers	45307p
	43223	Installation of non-electric solar energy collectors	45307p
	43224	Installation of plumbing and sanitary equipment	45301

- (1) **Includes:** connecting of electric appliances and household equipment, including baseboard heating
- Excludes:** (a) construction of communications and power transmission lines, see 42201 and 42202  
(b) monitoring or remote monitoring of electronic security alarm system, such as burglar and fire alarms including their maintenance, see 80200
- (2) **Includes:** fibre optic
- (3) **Includes:** street lighting, airport runaway lighting and electrical signals
- (4) **Includes:** fire alarm, burglar alarm system, CCTV, smoke detector, etc.
- (5) **Includes:** additions, alterations, maintenance and repair
- Excludes:** installation of electric baseboard heating, see 4321



**DIVISION 43 : SPECIALIZED CONSTRUCTION ACTIVITIES**  
**GROUP 432 : Electrical, plumbing and other construction installation activities**



CLASS	ITEM	DESCRIPTION	MSIC 2000
	43225	Installation of ventilation, refrigeration or air-conditioning equipment and ducts	45307p
	43226	Installation of gas fittings	45305
	43227	Installation of fire and lawn sprinkler systems	45306p
	43228	Steam piping	45309p
	43229	Plumbing, heat and air-conditioning installation n.e.c.	45309p
<b>4329<sup>(1)</sup></b>		<b>Other construction installation</b>	
	43291	Installation of elevators, escalators in buildings or other construction projects <sup>(2)</sup>	29150p, 45304
	43292	Installation of automated and revolving doors in buildings or other construction projects	45401p
	43293	Installation of lighting conductors in buildings or other construction projects	45309p
	43294	Installation vacuum cleaning systems in buildings or other construction projects	45309p
	43295	Installation thermal, sound or vibration insulation in buildings or other construction projects	45309p
	43299	Other construction installation n.e.c.	45309p

(1) **Includes:** installation of equipment other than electrical, plumbing, heating and air-conditioning systems or industrial machinery in buildings and civil engineering structures, including maintenance and repair

**Excludes:** installation of industrial machinery, see 33200

(2) **Includes:** repair and maintenance of lifts, elevators and escalators

## DIVISION 43 : SPECIALIZED CONSTRUCTION ACTIVITIES

## GROUP 433 : Building completion and finishing

CLASS	ITEM	DESCRIPTION	MSIC 2000
4330 <sup>(1)</sup>		<b>Building completion and finishing</b>	
	43301	Installation of doors, windows, door and window frames of wood or other materials, fitted kitchens, staircases, shop fittings and furniture <sup>(2)</sup>	20220p, 25209p, 28110p, 45209p, 45303p
	43302	Laying, tiling, hanging or fitting in buildings or other construction projects of various types of materials <sup>(3)</sup>	45401p
	43303	Interior and exterior painting of buildings	45402p
	43304	Painting of civil engineering structures	45402p
	43305	Installation of glass, mirrors	45409p
	43306	Interior completion <sup>(4)</sup>	45409p
	43307	Cleaning of new buildings after construction	45403p
	43309	Other building completion and finishing work n.e.c.	45409p



- (1) **Includes:** application in buildings or other construction projects of interior and exterior plaster or stucco, including related lathing materials
- Excludes:** (a) installation of automated and revolving doors, see 43292  
 (b) general interior cleaning of buildings and other structures, see 8121  
 (c) specialized interior and exterior cleaning of buildings, see 81291  
 (d) activities of interior decoration designers, see 74101  
 (e) activities of self-standing furniture, see 95240
- (2) **Includes:** (a) installation of self-manufactured carpentry or joinery of wood  
 (b) installation of self-manufactured carpentry or joinery of plastics  
 (c) installation of self-manufactured carpentry or joinery of metal
- (3) **Includes:** (a) ceramic, concrete or cut stone wall or floor tiles, ceramic stove fitting  
 (b) parquet and other wooden floor coverings  
 (c) carpet and linoleum floor coverings, including of rubber or plastic  
 (d) terrazzo, marble, granite or slate floor or wall coverings  
 (e) wallpaper
- (4) **Includes:** ceiling, wooden wall coverings, movable partitions, etc.

## DIVISION 43 : SPECIALIZED CONSTRUCTION ACTIVITIES

## GROUP 439 : Other specialized construction activities



CLASS	ITEM	DESCRIPTION	MSIC 2000
4390 <sup>(1)</sup>		<b>Other specialized construction activities</b>	
	43901	Construction of foundations, including pile driving	45209p
	43902	Erection of non-self-manufactured steel elements	45209p
	43903	Scaffolds and work platform erecting and dismantling	45209p
	43904	Bricklaying and stone setting	45209p
	43905	Construction of outdoor swimming pools	45204p
	43906	Steam cleaning, sand blasting and similar activities for building exteriors	45403p
	43907	Renting of construction machinery and equipment with operator (e.g. cranes)	45500p
	43909	Other specialized construction activities, n.e.c.	45209p, 45309p

- (1) **Includes:**
- (a) construction activities specializing in one aspect common to different kind of structures, requiring specialized skill or equipment
  - (b) damp proofing and water proofing works
  - (c) de-humidification of buildings
  - (d) shaft sinking
  - (e) steel bending
  - (f) subsurface work
  - (g) roof covering for residential building
  - (h) erection of chimneys and industrial ovens
  - (i) work with specialist access requirements necessitating climbing skills and the use of related equipment, e.g. working at height on tall structures
- Excludes:**
- (a) renting of construction machinery and equipment without operator, see 77306
  - (b) renting of scaffolds and work platforms

**G**

**• WHOLESALE AND RETAIL  
TRADE; REPAIR OF MOTOR  
VEHICLES AND MOTORCYCLES**

- 45 Wholesale and retail trade and repair of motor vehicles and motorcycles
- 46 Wholesale trade, except of motor vehicles and motorcycles
- 47 Retail trade, except of motor vehicles and motorcycles

**G**

**SECTION G : WHOLESALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES  
AND MOTORCYCLES**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	3
GROUP	20
CLASS	47
ITEM	179

**G**

This section includes wholesale and retail sale (i.e. sale without transformation) of any type of goods, and rendering services incidental to the sale of merchandise. Wholesaling and retailing are the final steps in the distribution of merchandise. Also included in this section are the repair of motor vehicles and motorcycles.

This section also includes wholesale and retail trade and repair of motor vehicles and motorcycles, wholesale trade, except of motor vehicles and motorcycles, retail trade, except of motor vehicles and motorcycles.

Sale without transformation is considered to include the usual operations (or manipulations) associated with trade, for example sorting, grading and assembling of goods, mixing (blending) of goods (for example wine or sand), bottling (with or without preceding bottle cleaning), packing, breaking bulk and repacking for distribution in smaller lots, storage (whether or not frozen or chilled), cleaning and drying of agricultural products, cutting out of wood fiberboards or metal sheets as secondary activities.

Division 45 includes all activities related to the sale and repair of motor vehicles and motorcycles, while divisions 46 and 47 include all other sale activities. The distinction between division 46 (wholesale) and division 47 (retail sale) is based on the predominant type of customer.

Wholesale is the resale (sale without transformation) of new and used goods to retailers, to industrial, commercial, institutional or professional users, or to other wholesalers, or involves acting as an agent or broker in buying merchandise for, or selling merchandise 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, such as wholesale merchants or jobbers, industrial distributors, exporters, importers, and cooperative buying associations, sales branches and sales offices (but not retail stores) that are maintained by manufacturing or mining units apart from their plants or mines for the purpose of marketing their products and that do not merely take orders to be filled by direct shipments from the plants or mines. Also included are merchandise and commodity brokers, commission merchants and agents and assemblers, buyers and cooperative associations engaged in the marketing of farm products. Wholesalers frequently physically assemble, sort and grade goods in large lots, break bulk, repack and redistribute in smaller lots, for example pharmaceuticals; store, refrigerate, deliver and install goods, engage in sales promotion for their customers and label design.

Retailing is the resale (sale without transformation) of new and used goods mainly to the general public for personal or household consumption or utilization, by shops, department stores, stalls, mail-order houses, door-to-door sales persons, hawkers and peddlers, consumer cooperatives, auction houses, etc. Most retailers take title to the goods they sell, but some act as agents for a principal and sell either on consignment or on a commission basis.



**DIVISION 45 WHOLESALE AND RETAIL TRADE AND REPAIR OF MOTOR VEHICLES AND MOTORCYCLES**

This division includes all activities (except manufacture and renting) related to motor vehicles and motorcycles, including lorries and trucks, such as the wholesale and retail sale of new and second-hand vehicles, the repair and maintenance of vehicles and the wholesale and retail sale of parts and accessories for motor vehicles and motorcycles. Also included are activities of commission agents involved in wholesale or retail sale of vehicles. This division also includes activities such as washing, polishing of vehicles, etc.

This division does not include the retail sale of automotive fuel and lubricating or cooling products or the renting of motor vehicles or motorcycles.

**GROUP 451 Sale of motor vehicles**

This group includes wholesale and retail sale of new and used vehicles, wholesale and retail sale of off-road motor vehicles (jeeps, etc.), wholesale and retail sale by commission agents and car auctions.

**GROUP 452 Maintenance and repair of motor vehicles**

This group includes maintenance and repair of motor vehicles; tyre and tube repair, fitting or replacement; anti-rust treatment and installation of parts and accessories not as part of the manufacturing process.

**GROUP 453 Sale of motor vehicle parts and accessories**

This group includes wholesale and retail sale of all kinds of parts, components, supplies, tools and accessories for motor vehicles.

**GROUP 454 Sale, maintenance and repair of motorcycles and related parts and accessories**

This group includes wholesale and retail sale of motorcycles, including mopeds; wholesale and retail sale of parts and accessories for motorcycles (including by commission agents and mail order houses) and maintenance and repair of motorcycles.

**DIVISION 45 : WHOLESALE AND RETAIL TRADE AND REPAIR OF MOTOR VEHICLES AND MOTORCYCLES**

**Group 451 : Sale of motor vehicles**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4510 <sup>(1)</sup>		<b>Wholesale and retail sale of new and used vehicles</b>	
	45101	Wholesale and retail of new motor vehicles	50101, 50111
	45102	Wholesale and retail of used motor vehicles	50102, 50112
	45103	Sale of industrial, commercial and agriculture vehicles – new <sup>(2)</sup>	50103
	45104	Sale of industrial, commercial and agriculture vehicles – used	50104
	45105	Sale by commission agents	50109p
	45106	Car auctions	50109p
	45109	Sale of other motor vehicles n.e.c.	50109p, 50119

**G**

- (1) **Excludes:** (a) wholesale and retail sale of parts and accessories for motor vehicles, see 45300  
 (b) renting of motor vehicles with driver, see 4922  
 (c) renting of trucks with driver, see 49230  
 (d) renting of motor vehicles and trucks without driver, see 7710

- (2) **Includes:** sales of lorries, trailers, semi-trailers, tractors, etc.

**DIVISION 45 : WHOLESALE AND RETAIL TRADE AND REPAIR OF MOTOR VEHICLES  
AND MOTORCYCLES**

**Group 452 : Maintenance and repair of motor vehicles**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4520 <sup>(1)</sup>		<b>Maintenance and repair of motor vehicles</b>	
	45201	Maintenance and repair of motor vehicles <sup>(2)</sup>	50201p, 50202p
	45202	Spraying and painting	50201p
	45203	Washing and polishing (car wash)	50201p
	45204	Repair of motor vehicle seats	50201p
	45205	Installation of parts and accessories not as part of the manufacturing process	50201p



(1) **Excludes:** rethreading and rebuilding of tyres, see 22112

(2) **Includes:** tyres and tube repair (fitting or replacement)

**DIVISION 45 : WHOLESALE AND RETAIL TRADE AND REPAIR OF MOTOR VEHICLES  
AND MOTORCYCLES**

**Group 453 : Sale of motor vehicle parts and accessories**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4530 <sup>(1)</sup>		<b>Sale of motor vehicle parts and accessories</b>	
	45300	Wholesale and retail sale of all kinds of parts, components, supplies, tools and accessories for motor vehicles <sup>(2)</sup>	50301, 50302, 50303

**G**

- (1) **Excludes:** retail sale of automotive fuel, see 47300
- (2) **Includes:** wholesale and retail sale of rubber tyres and inner tubes for tyres, spark plugs, batteries, lighting equipment, electrical parts, air filters, belting and absorbers

**DIVISION 45 : WHOLESALE AND RETAIL TRADE AND REPAIR OF MOTOR VEHICLES AND MOTORCYCLES**

**Group 454 : Sale, maintenance and repair of motorcycles and related parts and accessories**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4540 <sup>(1)</sup>		<b>Sale, maintenance and repair of motorcycles and related parts and accessories</b>	
	45401	Wholesale and retail sale of motorcycles <sup>(2)</sup>	50401p, 50402p
	45402	Wholesale and retail sale of parts and accessories for motorcycles <sup>(3)</sup>	50402p, 50401p
	45403	Repair and maintenance of motorcycles	50403



- (1) **Excludes:** (a) wholesale of bicycles and related parts and accessories, see 46441  
 (b) retail sale of bicycles and related parts and accessories, see 47635  
 (c) renting of motorcycles, see 77302  
 (d) repair and maintenance of bicycles, see 95291
- (2) **Includes:** wholesale and retail sale mopeds and activities of commission agents
- (3) **Includes:** wholesale and retail sale mail order

**DIVISION 46 WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**

This division includes wholesale trade on own account or on a fee or contract basis (commission trade) related to domestic wholesale trade as well as international wholesale trade (import/export).

Wholesale is the resale (sale without transformation) of new and used goods to retailers, business-to-business trade, such as to industrial, commercial, institutional or professional users, or resale to other wholesalers, or involves acting as an agent or broker in buying merchandise for, or selling merchandise 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, such as wholesale merchants or jobbers, industrial distributors, exporters, importers, and cooperative buying associations, sales branches and sales offices (but not retail stores) that are maintained by manufacturing or mining units apart from their plants or mines for the purpose of marketing their products and that do not merely take orders to be filled by direct shipments from the plants or mines. Also included are merchandise and commodity brokers, commission merchants and agents and assemblers, buyers and cooperative associations engaged in the marketing of farm products.

Wholesalers frequently physically assemble, sort and grade goods in large lots, break bulk, repack and redistribute in smaller lots, for example pharmaceuticals; store, refrigerate, deliver and install goods, engage in sales promotion for their customers and label design.

This division excludes wholesale of motor vehicles, caravans and motorcycles, as well as motor vehicle accessories, see division 45. Also the renting and leasing of goods, see division 77 and packing of solid goods and bottling of liquid or gaseous goods, including blending and filtering, for third parties, see 8292.

**GROUP 461 Wholesale on a fee or contract basis**

This group includes activities of commission agents, commodity brokers and all other wholesalers who trade on behalf and on the account of others; activities of those involved in bringing sellers and buyers together or undertaking commercial transactions on behalf of a principal, including on the internet; such agents involved in the sale of agricultural raw materials, live animals, textile raw materials and semi-finished goods; fuels, ores, metals and industrial chemicals, including fertilizers; food, beverages and tobacco, textiles, clothing, fur, footwear and leather goods; timber and building materials; machinery, including office machinery and computers, industrial equipment, ships and aircraft; furniture, household goods and hardware. Also included are activities of wholesale auctioneering houses.

**G**

**GROUP 462 Wholesale of agricultural raw materials and live animals**

This group includes wholesale of grains and seeds, wholesale of oleaginous fruits, wholesale of flowers and plants, wholesale of unmanufactured tobacco, wholesale of live animals, wholesale of hides and skins, wholesale of leather and wholesale of agricultural material, waste, residues and by-products used for animal feed.

**GROUP 463 Wholesale of food, beverages and tobacco**

This group includes wholesale of fruit and vegetables, wholesale of dairy products, wholesale of eggs and egg products, wholesale of edible oils and fats of animal or vegetable origin, wholesale of meat and meat products, wholesale of fishery products, wholesale of sugar, chocolate and sugar confectionery, wholesale of bakery products, wholesale of beverages, wholesale of coffee, tea, cocoa and spices and wholesale of tobacco products. This class also includes buying of wine in bulk and bottling without transformation and wholesale of feed for pet animals.

**GROUP 464 Wholesale of household goods**

This group includes the wholesale of household goods, including textiles.

**GROUP 465 Wholesale of machinery, equipment and supplies**

This group includes the wholesale of computers, telecommunications equipment, specialized machinery for all kinds of industries and general-purpose machinery.

**GROUP 466 Other specialized wholesale**

This group includes other specialized wholesale activities not classified in other groups of this division. This also includes the wholesale of intermediate products, except agricultural, typically not for household use.

**GROUP 469 Non-specialized wholesale trade**

This group includes wholesale of a variety of goods without any particular specialization.

**DIVISION 46 : WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND  
MOTORCYCLES**

**Group 461 : Wholesale on a fee or contract basis**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4610 <sup>(1)</sup>		Wholesale on a fee or contract basis	
	46100	Wholesale on a fee or contract basis	51100



- (1) Excludes:
- (a) wholesale trade in own name, see group 462 to 469
  - (b) activities of commission agents for motor vehicles, see 45105
  - (c) auctions of motor vehicles, see 45106
  - (d) retail sale by non-store commission agents, see 4799
  - (e) activities of insurance agents, see 6622
  - (f) activities of real estate agents, see 68201

**DIVISION 46 : WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**

**Group 462 : Wholesale of agricultural raw materials and live animals**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4620 <sup>(1)</sup>		<b>Wholesale of agricultural raw materials and livestock</b>	
	46201	Wholesale of rubber	51211
	46202	Wholesale of palm oil	51212
	46203	Wholesale of lumber and timber	51214
	46204	Wholesale of flowers and plants	51219p
	46205	Wholesale of livestock	51213
	46209	Wholesale of agricultural raw material and live animal n.e.c.	51215, 51219p, 51916, 51919



(1) **Excludes:** wholesale of textile fibres, see 46695

**DIVISION 46 : WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**

**Group 463 : Wholesale of food, beverages and tobacco**

**G**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4631		<b>Wholesale of meat, fish, fruits and vegetables</b>	
	46311	Wholesale of meat, poultry and eggs	51221p
	46312	Wholesale of fish and other seafood	51222p
	46313	Wholesale of fruits	51223p
	46314	Wholesale of vegetables	51224p
	46319	Wholesale of meat, fish, fruits and vegetables n.e.c.	51221p, 51222p, 51223p, 51224p
4632		<b>Wholesale of food, beverages and tobacco</b>	
	46321	Wholesale of rice, other grains, flour and sugars	51231
	46322	Wholesale of dairy products	51232
	46323	Wholesale of confectionary	51233
	46324	Wholesale of biscuits, cakes, breads and other bakery products	51234
	46325	Wholesale of coffee, tea, cocoa and other beverages	51235, 51236
	46326	Wholesale of beer, wine and spirits <sup>(1)</sup>	51237
	46327	Wholesale of tobacco, cigar, cigarettes	51238
	46329	Wholesale of other foodstuffs <sup>(2)</sup>	51239

(1) **Excludes:** blending of wine see 11020 or distilled spirits see 11010

(2) **Includes:** wholesale of *mee*, *kueh teow*, wantan skin and related products, cooking oil, tinned food, spices, etc.

**DIVISION 46 : WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**

**Group 464 : Wholesale of household goods**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4641 <sup>(1)</sup>		<b>Wholesale of textiles, clothing and footwear</b>	
	46411	Wholesale of yarn and fabrics	51311p
	46412	Wholesale of household linen, towels, blankets	51311p
	46413	Wholesale of clothing <sup>(2)</sup>	51311p, 51321p
	46414	Wholesale of clothing accessories <sup>(3)</sup>	51311p
	46415	Wholesale of fur articles	51311p
	46416	Wholesale of footwear	51312p
	46417	Wholesale of haberdashery <sup>(4)</sup>	51311p
	46419	Wholesale of textiles, clothing n.e.c. <sup>(5)</sup>	51311p, 51312p

(1) **Excludes:** (a) wholesale of jewellery, see 46444 and leather goods, see 46433  
(b) wholesale of textile fibres, see 4669

(2) **Includes:** wholesale of sports clothes

(3) **Includes:** wholesale of gloves, ties and braces

(4) **Includes:** wholesale of needles, sewing thread, etc.

(5) **Includes:** (a) wholesale of textiles, clothing and footwear  
(b) wholesale of umbrellas

**Excludes:** wholesale of waste and scrap of textile fibres, see 46695



**DIVISION 46 : WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**

**Group 464 : Wholesale of household goods**

**G**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4642		<b>Wholesale of pharmaceutical goods and toiletries</b>	
	46421	Wholesale of pharmaceutical and medical goods	51391p
	46422	Wholesale of perfumeries, cosmetics, soap and toiletries	51391p
4643		<b>Wholesale of sports goods, games, leather, travelling goods and musical instruments</b>	
	46431	Wholesale of bicycles and their parts and accessories	51322
	46432	Wholesale of photographic and optical goods <sup>(1)</sup>	51394, 51395
	46433	Wholesale of leather goods and travel accessories <sup>(2)</sup>	51324, 51913p
	46434	Wholesale of musical instruments, games and toys, sports goods <sup>(3)</sup>	51323, 51321p, 51397p
4644		<b>Wholesale of handicraft, watches, clocks and jewellery</b>	
	46441	Wholesale of handicrafts and artificial flowers	51325
	46442	Wholesale of cut flowers and plants	51326
	46443	Wholesale of watches and clocks	51393p
	46444	Wholesale of jewellery	51393p

(1) **Includes:** wholesale of sunglasses, binoculars, magnifying glasses, etc.

(2) **Excludes:** wholesale of footwear, see 46416

(3) **Excludes:** wholesale of bicycles and their parts and accessories, see 46431

**DIVISION 46 : WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**

**Group 464 : Wholesale of household goods**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4649 <sup>(1)</sup>		<b>Wholesale of other household goods n.e.c.</b>	
	46491	Wholesale of household furniture	51398
	46492	Wholesale of household appliances	51397p
	46493	Wholesale of lighting equipment	51399p
	46494	Wholesale of household utensils and cutlery, crockery, glassware, chinaware and pottery	51396, 51399p
	46495	Wholesale of woodenware, wickerwork and corkware	51399p
	46496	Wholesale of electrical and electronic goods <sup>(2)</sup>	51397p
	46497	Wholesale of stationery, books, magazines and newspapers	51392
	46499	Wholesale of other household goods n.e.c.	51399p

(1) **Excludes:** (a) wholesale of blank audio and video tapes, CDs, DVDs, see 46496  
 (b) wholesale of radio and TV broadcasting equipment, see 4652  
 (c) wholesale of office furniture, see 46592

(2) **Includes:** (a) wholesale of radio and TV equipment  
 (b) wholesale of CD and DVD players and recorders  
 (c) wholesale of stereo equipment  
 (d) wholesale of video game consoles  
 (e) wholesale of digital media player (e.g. MP3, MP4 and iPOD)  
 (f) wholesale of blank audio, video tapes, diskettes, magnetic and optical disks (CDs, DVDs)



**DIVISION 46 : WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**

**Group 465 : Wholesale of machinery, equipment and supplies**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4651 <sup>(1)</sup>		<b>Wholesale of computers, computer peripheral equipment and software</b>	
	46510	Wholesale of computer hardware, software and peripherals	51530
4652 <sup>(2)</sup>		<b>Wholesale of electronic and telecommunications equipment and parts</b>	
	46521	Wholesale of telephone and telecommunications equipment, cell phones, pagers	51511
	46522	Wholesale of electronic components and wiring accessories <sup>(3)</sup>	51512, 51599p

**G**

- (1) **Excludes:** (a) wholesale of electronic parts, see 46522  
 (b) wholesale of office machinery and equipment (except computers and peripheral equipment), see 46591  
 (c) wholesale of computer-controlled machinery, see 46593
- (2) **Excludes:** (a) wholesale of recorded audio and video tapes, CDs, DVDs, see 46496  
 (b) wholesale of electrical and electronics goods, see 46496  
 (c) wholesale of computers and computer peripheral equipment, see 46510
- (3) **Includes:** (a) wholesale of semiconductor devices  
 (b) wholesale of microchips and integrated circuits  
 (c) wholesale of printed circuits  
 (d) wholesale of electronic valves and tubes

**DIVISION 46 : WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**

**Group 465 : Wholesale of machinery, equipment and supplies**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4653 <sup>(1)</sup>		<b>Wholesale of agricultural machinery, equipment and supplies</b>	
	46531	Wholesale of agricultural machinery, equipment and supplies <sup>(2)</sup>	51591p
	46532	Wholesale of lawn mowers however operated	51591p



(1) **Includes:** wholesale of plough, manure spreaders, seeders, harvesters, threshers, milking machine, poultry-keeping machine and lawn mowers however operated

**Excludes:** sale of industrial, commercial and agriculture vehicles, see 45103, 45104

(2) **Includes:** wholesale of ploughs, manure spreaders, seeders, harvesters, threshers, milking machines, poultry-keeping machines, bee-keeping machines

**DIVISION 46 : WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**

**Group 465 : Wholesale of machinery, equipment and supplies**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4659 <sup>(1)</sup>		<b>Wholesale of other machinery and equipment</b>	
	46591	Wholesale of office machinery and business equipment, except computers and computer peripheral equipment	51520p
	46592	Wholesale of office furniture	51520p
	46593	Wholesale of computer-controlled machines tools <sup>(2)</sup>	51599p
	46594	Wholesale of industrial machinery, equipment and supplies	51591p
	46595	Wholesale of construction and civil engineering machinery and equipment	51591p
	46596	Wholesale of lift escalators, air-conditioning, security and fire fighting equipment	51592
	46599	Wholesale of other machinery for use in industry, trade and navigation and other services n.e.c. <sup>(3)</sup>	51599p, 51593

**G**

- (1) **Excludes:** (a) wholesale of motor vehicles, trailers and caravans, see 4510  
 (b) wholesale of motor vehicle parts, see 45300  
 (c) wholesale of motorcycles, see 4540  
 (d) wholesale of bicycles, see 46431  
 (e) wholesale of computers and peripheral equipment, see 46510  
 (f) wholesale of electronic parts and telephone and communications equipment, see 46521
- (2) **Includes:** wholesale of computer-controlled machinery for the textile industry and of computer-controlled sewing and knitting machines
- (3) **Includes:** wholesale of marine, aircraft equipment and accessories and other transport equipment n.e.c.

**DIVISION 46 : WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**

**Group 466 : Other specialized wholesale**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4661		<b>Wholesale of solid, liquid and gaseous fuels and related products</b>	
	46611	Wholesale of petrol, diesel, lubricants	51411
	46612	Wholesale of liquefied petroleum gas	51412
	46619	Wholesale of other solid, liquid and gaseous fuels and related products n.e.c. <sup>(1)</sup>	51419
4662 <sup>(2)</sup>		<b>Wholesale of metals and metal ores</b>	
	46621	Wholesale of ferrous and non-ferrous metal ores and metals	51420p
	46622	Wholesale of ferrous and non-ferrous semi-finished metal ores and products n.e.c.	51420p



(1) **Includes:** wholesale of charcoal, coal, coke, fuel wood, naphtha, paraffin, firewood

(2) **Excludes:** wholesale of metal scrap, see 46698

**DIVISION 46 : WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**

**Group 466 : Other specialized wholesale**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4663		<b>Wholesale of construction materials, hardware, plumbing and heating equipment and supplies</b>	
	46631	Wholesale of logs, sawn timber, plywood, veneer and related products	51431
	46632	Wholesale of paints and varnish	51432p
	46633	Wholesale of construction materials <sup>(1)</sup>	51432p
	46634	Wholesale of fittings and fixtures	51432p
	46635	Wholesale of hot water heaters	51432p
	46636	Wholesale of sanitary installation and equipment <sup>(2)</sup>	51432p
	46637	Wholesale of tools <sup>(3)</sup>	51432p
	46639	Wholesale of other construction materials, hardware, plumbing and heating equipment and supplies n.e.c.	51432p

**G**

- (1) **Includes:** (a) wholesale of construction materials like sand, gravel, cement, stones, lime and plaster  
(b) wholesale of wallpaper, flat glass and floor coverings
- (2) **Includes:** wholesale of baths, washbasins, toilets and other sanitary porcelain, tubes, pipes, fittings, taps, T-pieces, connections, rubber pipes, etc.
- (3) **Includes:** wholesale of hammers, saws, screwdrivers and other hand tools

**DIVISION 46 : WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**

**Group 466 : Other specialized wholesale**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4669 <sup>(1)</sup>		<b>Wholesale of waste and scrap and other products n.e.c.</b>	
	46691	Wholesale of industrial chemicals <sup>(2)</sup>	51499p
	46692	Wholesale of fertilizers and agrochemical products	51491
	46693	Wholesale of plastic materials in primary forms	51499p
	46694	Wholesale of rubber scrap	51499p
	46695	Wholesale of textile fibres	51499p



- (1) **Excludes:**
- (a) collection of household and industrial waste, see group 381
  - (b) treatment of waste, not for a further use in an industrial manufacturing process, but with the aim of disposal, see group 382
  - (c) processing of waste and scrap and other articles into secondary raw material when a real transformation process is required (the resulting secondary raw material is fit for direct use in an industrial manufacturing process, but is not a final product), see 3830
  - (d) dismantling of automobiles, computers, televisions and other equipment for materials recovery, see 38302
  - (e) shredding of cars by means of a mechanical process, see 38301
  - (f) ship-breaking, see 38301
  - (g) retail sale of second-hand goods, see 4774
- (2) **Includes:** wholesale of aniline, printing ink, essential oils, industrial gases, chemical glues, colouring matter, synthetic resin, methanol, paraffin, scents and flavourings, soda, industrial salt, acids and sulphurs, starch derivatives, etc.

**DIVISION 46 : WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**

**Group 466 : Other specialized wholesale**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	46696	Wholesale of paper in bulk, packaging materials	51499p, 51915
	46697	Wholesale of precious stones	51499p
	46698	Wholesale of metal and non-metal waste and scrap and materials for recycling <sup>(1)</sup>	51492, 51493
	46699	Dismantling of automobiles, computer, televisions and other equipment to obtain and re-sell usable parts <sup>(2)</sup>	51499p

**G**

(1) **Includes:** collecting, sorting, storage and delivery, but without a real transformation process

(2) **Excludes:** dismantling of automobiles, computers, televisions and other equipment for material recovery, see 38302

DIVISION 46 : WHOLESALE TRADE, EXCEPT OF MOTOR VEHICLES AND  
MOTORCYCLES

Group 469 : Non-specialized wholesale trade

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CLASS	ITEM	DESCRIPTION	MSIC 2000
4690		Non-specialized wholesale trade – wholesale of variety of goods without any particular specialization	
	46901	Wholesale of aquarium fishes, pet birds and animals	51911
	46902	Wholesale of animal/pet food	51912
	46909	Wholesale of a variety of goods without any particular specialization n.e.c.	51920

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**DIVISION 47 RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**

This division includes the resale (sale without transformation) of new and used goods mainly to the general public for personal or household consumption or utilization, by shops, department stores, stalls, mail-order houses, hawkers and peddlers, consumer cooperatives, etc.

Retail trade is classified first by type of sale outlet (retail trade in stores: groups 471 to 477; retail trade not in stores: groups 478 and 479). Retail trade in stores includes the retail sale of used goods (class 4774). For retail sale in stores, there exists a further distinction between specialized retail sale (groups 472 to 477) and non-specialized retail sale (group 471). The above groups are further subdivided by the range of products sold. Sale not via stores is subdivided according to the forms of trade, such as retail sale via stalls and markets (group 478) and other non-store retail sale, e.g. mail order, door-to-door, by vending machines, etc. (group 479).

The goods sold in this division are limited to goods usually referred to as consumer goods or retail goods. Therefore goods not usually entering the retail trade, such as cereal grains, ores, industrial machinery etc., are excluded. This division also includes units engaged primarily in selling to the general public, from displayed merchandise, products such as personal computers, stationery, paint or timber, although these sales may not be for personal or household use. Some processing of goods may be involved, but only incidental to selling, e.g. sorting or repackaging of goods, installation of a domestic appliance, etc.

This division also includes the retail sale by commission agents and activities of retail auctioning houses.

This division excludes sale of farmers' products by farmers (see division 01), manufacture and sale of goods, which is generally classified as manufacturing in divisions 10-32, sale of motor vehicles, motorcycles and their parts (see division 45), trade in cereal grains, ores, crude petroleum, industrial chemicals, iron and steel and industrial machinery and equipment (see division 46), sale of food and drinks for consumption on the premises and sale of takeaway food (see division 56) and renting of personal and household goods to the general public (see group 772).

**GROUP 471 Retail sale in non-specialized stores**

This group includes the retail sale of a variety of product lines in the same unit (non-specialized stores), such as supermarkets or department stores.

**GROUP 472 Retail sale of food, beverages and tobacco in specialized stores**

This group includes retail sale in stores specialized in selling food, beverage or tobacco products.

**G**

**GROUP 473 Retail sale of automotive fuel in specialized stores**

This group includes retail sale of fuel for motor vehicles and motorcycles and retail sale of lubricating products and cooling products for motor vehicles.

**GROUP 474 Retail sale of information and communications equipment in specialized stores**

This group includes the retail sale of information and communications equipment, such as computers and peripheral equipment, telecommunication equipment and consumer electronics, by specialized stores.

**GROUP 475 Retail sale of other household equipment in specialized stores**

This group includes the retail sale of household equipment, such as textiles, hardware, carpets, electrical appliances or furniture, in specialized stores.

**GROUP 476 Retail sale of cultural and recreation goods in specialized stores**

This group includes the retail sale in specialized stores of cultural and recreation goods, such as books, newspapers, music and video recordings, sporting equipment, games and toys.

**GROUP 477 Retail sale of other goods in specialized stores**

This group includes the sale in specialized stores carrying a particular line of products not included in other parts of the classification, such as clothing, footwear and leather articles, pharmaceutical and medical goods, watches, souvenirs, cleaning materials, weapons, flowers and pets and others. Also included is the retail sale of used goods in specialized stores.

**GROUP 478 Retail sale via stalls and markets**

This group includes the retail sale of any kind of new or second hand product in a usually movable stall either along a public road or at a fixed marketplace.

**GROUP 479 Retail trade not in stores, stalls or markets**

This group includes retail sale activities by mail order houses, over the Internet, through door-to-door sales, vending machines, etc.



**DIVISION 47 : RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**  
**Group 471 : Retail sale in non-specialized stores**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4711		<b>Retail sale in non-specialized stores with food, beverages or tobacco predominating</b>	
	47111	Provision stores	52111
	47112	Supermarket	52112
	47113	Mini market	52113
	47114	Convenience stores	52114
4719		<b>Other retail sale in non-specialized stores</b>	
	47191	Department stores	52191
	47192	Department stores and supermarket	52192p
	47193	Hypermarket	52192p
	47194	News agent and miscellaneous goods store	52193
	47199	Other retail sale in non-specialized stores n.e.c.	52199



**DIVISION 47 : RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**  
**Group 472 : Retail sale of food, beverages and tobacco in specialized stores**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4721 <sup>(1)</sup>		<b>Retail sale of food in specialized stores</b>	
	47211	Retail sale of rice, flour, other grains and sugars	52221, 52222p
	47212	Retail sale of fresh or preserved vegetables and fruits <sup>(2)</sup>	52213, 52214
	47213	Retail sale of dairy products and eggs	52229p
	47214	Retail sale of meat and meat products (including poultry)	52211
	47215	Retail sale of fish, other seafood and products thereof	52212
	47216	Retail sale of bakery products and sugar confectionery	52222p, 52223
	47217	Retail sale of <i>mee, kuey teow, mee hoon</i> , wantan skins and other food products made from flour or soya	52229p
	47219	Retail sale of other food products n.e.c.	52229p
4722		<b>Retail sale of beverages in specialized stores</b>	
	47221	Retail sale of beer, wine and spirits	52224
	47222	Retail sale of tea, coffee, soft drinks, mineral water and other beverages	52225, 52226
4723		<b>Retail sale of tobacco products in specialized stores</b>	
	47230	Retail sale of tobacco products in specialized store <sup>(3)</sup>	52227

- (1) **Excludes:** manufacturing of bakery products (e.g. baking on premises), see 1071
- (2) **Includes:** retail sale of coconut milk, onions, potatoes and chillies, etc.
- (3) **Includes:** retail sale of cigars, cigarettes

**DIVISION 47 : RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**  
**Group 473 : Retail sale of automotive fuel in specialized stores**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4730 <sup>(1)</sup>		Retail sale of automotive fuel in specialized stores	
	47300	Retail sale of automotive fuel in specialized store <sup>(2)</sup>	50500

**G**

- (1) **Excludes:** (a) wholesale of fuels, see 4661  
 (b) retail sale of fuel in combination with food, beverages, etc., with food and beverage sales dominating, see 4711  
 (c) retail sale of liquefied petroleum gas for cooking or heating, see 47736
- (2) **Includes:** retail sale of lubricating products and cooling products for motor vehicles

**DIVISION 47 : RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**  
**Group 474 : Retail sale of information and communications equipment in specialized stores**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4741 <sup>(1)</sup>		<b>Retail sale of computers, peripheral units, software and telecommunications equipment in specialized stores</b>	
	47411	Retail sale of computers, computer equipment and supplies <sup>(2)</sup>	52360p
	47412	Retail sale of video game consoles and non-customized software <sup>(3)</sup>	52360p
	47413	Retail sale of telecommunication equipment	52370
4742		<b>Retail sale of audio and video equipment in specialized stores</b>	
	47420	Retail sale of audio and video equipment in specialized store <sup>(4)</sup>	52332, 52339p



(1) **Excludes:** retail sale of blank tapes and disks, see 4762

(2) **Includes:** retail sale of printer and scanner

(3) **Includes:** retail sale of video games

(4) **Includes:** (a) retail sale of radio and television equipment  
 (b) retail sale of stereo equipment  
 (c) retail sale of CD, DVD players and CD, DVD recorders

**DIVISION 47 : RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**  
**Group 475 : Retail sale of other household equipment in specialized stores**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4751 <sup>(1)</sup>		<b>Retail sale of textiles in specialized stores</b>	
	47510	Retail sale of textiles in specialized stores <sup>(2)</sup>	52321, 52322p
4752		<b>Retail sale of hardware, paints and glass in specialized stores</b>	
	47520	Retail sale of construction materials, hardware, paints and glass <sup>(3)</sup>	52340
4753 <sup>(4)</sup>		<b>Retail sale of carpets, rugs, wall and floor coverings in specialized stores</b>	
	47531	Retail sale of carpets and rugs <sup>(5)</sup>	52399p
	47532	Retail sale of curtains and net curtains	52339p
	47533	Retail sale of wallpaper and floor coverings	52399p

**G**

- (1) **Excludes:** retail sale of clothing, see 4771
- (2) **Includes:** (a) retail sale of fabrics, knitting yarn, tapestry or embroidery making, haberdashery  
 (b) retail sale of needles and sewing thread
- (3) **Includes:** (a) retail sale of do-it-yourself materials and equipment  
 (b) retail sale of lawnmowers, however operated  
 (c) retail sale of saunas  
 (d) retail sale of cork floor tiles
- (4) **Excludes:** retail sale of cork floor tiles, see 47520
- (5) **Includes:** retail sale of basic material for rug

**DIVISION 47 : RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**  
**Group 475 : Retail sale of other household equipment in specialized stores**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4759 <sup>(1)</sup>		<b>Retail sale of electrical household appliances, furniture, lighting equipment and other household articles in specialized stores</b>	
	47591	Retail sale of household furniture	52333p
	47592	Retail sale of articles for lighting	52334p
	47593	Retail sale of household utensils and cutlery, crockery, glassware, chinaware and pottery	52331, 52339p
	47594	Retail sale of wood, cork goods and wickerwork goods	52339p
	47595	Retail sale of household appliances	52339p
	47596	Retail sale of musical instruments and scores	52339p
	47597	Retail sale of security systems <sup>(2)</sup>	52339p
	47598	Retail sale of household articles and equipment n.e.c.	52339p



(1) **Excludes:** retail sale of antiques, see 47743

(2) **Includes:** retail sale of locking devices, safes and vaults, without installation or maintenance services

Division 47 : RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES  
 Group 476 : Retail sale of cultural and recreation goods in specialized stores

CLASS	ITEM	DESCRIPTION	MSIC 2000
4761 <sup>(1)</sup>		<b>Retail sale of books, newspapers and stationary in specialized stores</b>	
	47611	Retail sale of office supplies and equipment	52391
	47612	Retail sale of books, newspapers and stationary	52394
4762		<b>Retail sale of music and video recordings in specialized stores</b>	
	47620	Retail sale of musical records, audio tapes, compact discs , cassettes, video tapes, VCDs and DVDs, blank tapes and discs	52354p
4763		<b>Retail sale of sporting equipment in specialized stores</b>	
	47631	Retail sale of sports goods and equipments	52351
	47632	Retail sale of fishing equipment	52359p
	47633	Retail sale of camping goods	52359p
	47634	Retail sale of boats and equipments	52359p
	47635	Retail sale of bicycles and related parts and accessories	52352
4764 <sup>(2)</sup>		<b>Retail sale of games and toys in specialized stores</b>	
	47640	Retail sale of games and toys, made of all materials	52353

(1) **Excludes:** retail sale of second-hand or antique books, see 4774

(2) **Excludes:** (a) retail sale of video game consoles, see 47412  
 (b) retail sale of non-customized software including video games, see 47412

**DIVISION 47 : RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES****Group 477 : Retail sale of other goods in specialized stores**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4771 <sup>(1)</sup>		<b>Retail sale of clothing, footwear and leather articles in specialized stores</b>	
	47711	Retail sale of articles of clothing, articles of fur and clothing accessories <sup>(2)</sup>	52322p
	47712	Retail sale of footwear	52323
	47713	Retail sale of leather goods, accessories of leather and leather substitutes	52324
4772		<b>Retail sale of pharmaceutical and medical goods, cosmetic and toilet articles in specialized stores</b>	
	47721	Stores specialized in retail sale of pharmaceuticals, medical and orthopaedic goods	52310p
	47722	Stores specialized in retail sale of perfumery, cosmetic and toilet articles	52310p



(1) **Excludes:** retail sale of textiles, see 47510

(2) **Includes:** retail sale of gloves, ties and braces, etc.

**DIVISION 47 : RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**  
**Group 477 : Retail sale of other goods in specialized stores**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4773		<b>Other retail sale of new goods in specialized stores</b>	
	47731	Retail sale of photographic and precision equipment	52381, 52383
	47732	Retail sale of watches and clocks	52392p
	47733	Retail sale of jewellery	52392p
	47734	Retail sale of flowers, plants, seeds, fertilizers	52395
	47735	Retail sale of souvenirs, craftwork and religious articles	52399p
	47736	Retail sale of household fuel oil, cooking gas, coal and fuel wood	52399p, 52393
	47737	Retail sale of spectacles and other optical goods <sup>(1)</sup>	52382
	47738	Retail sale of aquarium fishes, pet animals and pet food	52355, 52356
	47739	Other retail sale of new goods in specialized stores n.e.c. <sup>(2)</sup>	52399p
4774 <sup>(3)</sup>		<b>Retail sale of second-hand goods</b>	
	47741	Retail sale of second-hand books	52401
	47742	Retail sale of second-hand electrical and electronic goods	52402
	47743	Retail sale of antiques <sup>(4)</sup>	52404
	47744	Activities of auctioning houses (retail)	52409p
	47749	Retail sale of second-hand goods n.e.c.	52409p

(1) **Includes:** activities of opticians

(2) **Includes:** (a) retail sale of new stamps and coins  
 (b) retail sale of cleaning materials and religious article

(3) **Excludes:** (a) retail sale of second-hand motor vehicles, see 4510  
 (b) activities of Internet auctions see 4791 and other non-store auctions (retail) see 4799  
 (c) activities of pawn shops, see 64924

(4) **Includes:** retail sale of antique stamps and coins

**DIVISION 47 : RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**  
**Group 478<sup>(1)</sup> : Retail sale via stalls and markets**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4781 <sup>(2)</sup>		<b>Retail sale via stalls and markets of food, beverages and tobacco products</b>	
	47810	Retail sale of food, beverages and tobacco products via stalls or markets	52520p
4782		<b>Retail sale via stalls and markets of textiles, clothing and footwear</b>	
	47820	Retail sale of textiles, clothing and footwear via stalls or markets	52520p
4789		<b>Retail sale via stalls and markets of other goods</b>	
	47891	Retail sale of carpets and rugs via stalls or markets	52520p
	47892	Retail sale of books via stalls or markets	52520p
	47893	Retail sale of games and toys via stalls or markets	52520p
	47894	Retail sale of household appliances and consumer electronics via stall or markets	52520p
	47895	Retail sale of music and video recordings via stall or markets	52520p



(1) **Applicable:** also for night market and *pasar tani*

(2) **Excludes:** retail sale of prepared food for immediate consumption (mobile food vendors), see 5610

**DIVISION 47 : RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND MOTORCYCLES**  
**Group 479 : Retail trade not in stores, stalls or markets**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4791		<b>Retail sale via mail order houses or via Internet</b>	
	47911	Retail sale of any kind of product by mail order	52511p
	47912	Retail sale of any kind of product over the Internet	52511p, 52512p
	47913	Direct sale via television, radio and telephone	52511p, 52512p
	47914	Internet retail auctions	52511p, 52512p
4799 <sup>(1)</sup>		<b>Other retail sale not in stores, stalls or markets</b>	
	47991	Retail sale of any kind of product by direct sales or door-to-door sales persons <sup>(2)</sup>	52590p
	47992	Retail sale of any kind of product through vending machines	52590p
	47999	Other retail sale not in stores, stalls or markets n.e.c. <sup>(3)</sup>	52590p



- (1) **Excludes:** delivery of new products by stores, see group 471-477
- (2) **Includes:** direct selling of fuels
- (3) **Includes:** activities of non-store auctions (retail)

# H

## TRANSPORTATION AND STORAGE

- 49 Land transport and transport via pipelines
- 50 Water transport
- 51 Air transport
- 52 Warehousing and support activities for transportation
- 53 Postal and courier activities

# H

**SECTION H : TRANSPORTATION AND STORAGE**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	5
GROUP	11
CLASS	20
ITEM	47

This section includes the provision of passenger or freight transport, whether scheduled or not, by rail, pipeline, road, water or air and associated activities such as terminal and parking facilities, cargo handling, storage, etc. Included in this section is the renting of transport equipment with driver or operator. Also included are postal and courier activities.



This section excludes maintenance and repair of motor vehicles and other transportation equipment (see classes 4520 and 3315, respectively), the construction, maintenance and repair of roads, railroads, harbours, airfields (see classes 4210 and 4290), as well as the renting of transport equipment without driver or operator (see classes 7710 and 7730).

**DIVISION 49 LAND TRANSPORT AND TRANSPORT VIA PIPELINES**

This division includes the transport of passengers and freight via road and rail, as well as freight transport via pipelines.

**GROUP 491 Transport via railways**

This group includes rail transportation of passengers and/or freight using railroad rolling stock on mainline networks, usually spread over an extensive geographic area. Freight rail transport over short-line freight railroads is included here.

This group excludes urban and suburban passenger land transport (see 4921), related activities such as switching and shunting (see 5221) and operation of railroad infrastructure (see 5221).

**GROUP 492 Other land transport**

This group includes all land-based transport activities other than rail transport. However, rail transport as part of urban or suburban transport system is included here.

**GROUP 493 Transport via pipeline**

This group includes transport of gases, liquids, water, slurry and other commodities via pipelines and operation of pump stations.

**DIVISION 49 : LAND TRANSPORT AND TRANSPORT VIA PIPELINES**  
**Group 491 : Transport via railways**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4911 <sup>(1)</sup>		<b>Passenger rail transport, interurban</b>	
	49110	Passenger transport by inter-urban railways	60100p
4912 <sup>(2)</sup>		<b>Freight rail transport</b>	
	49120	Freight transport by inter-urban, suburban and urban railways	60100p



- (1) **Includes:** operation of sleeping cars or dining cars as an integrated operation of railway companies
- Excludes:** (a) passenger transport by urban and sub urban transit systems, see 4921  
 (b) passenger terminal activities, see 52211  
 (c) operation of sleeping cars see 55900 or dining cars when operated by separate units see 5610
- (2) **Excludes:** (a) storage and warehousing, see 52100  
 (b) freight terminal activities, see 52211  
 (c) cargo handling, see 5224

**DIVISION 49 : LAND TRANSPORT AND TRANSPORT VIA PIPELINES**  
**Group 492 : Other land transport**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4921 <sup>(1)</sup>		<b>Urban and suburban passenger land transport</b>	
	49211	City bus services	60211p
	49212	Urban and suburban railway passenger transport service <sup>(2)</sup>	60214
4922 <sup>(3)</sup>		<b>Other passenger land transport</b>	
	49221	Express bus services <sup>(4)</sup>	60211p
	49222	Employees bus services	60212
	49223	School bus services	60213
	49224	Taxi operation and limousine services	60221p
	49225	Rental of cars with driver	60221p
	49229	Other passenger land transport n.e.c. <sup>(5)</sup>	60219, 60229

- (1) **Excludes:** passenger transport by inter-urban railways, see 49110
- (2) **Includes:** Light Rail Transit (LRT), Express Rail Link (ERL), Monorail
- (3) **Excludes:** ambulance transport, see 86906
- (4) **Includes:** express inter-urban bus, etc.
- (5) **Includes:** (a) charters, excursion and other occasional coach services  
 (b) hill tramway services  
 (c) passenger transport by man-or animal-drawn vehicles (trishaw)  
 (d) airport shuttles  
 (e) cable cars services



**DIVISION 49 : LAND TRANSPORT AND TRANSPORT VIA PIPELINES**  
**Group 493 : Transport via pipeline**

CLASS	ITEM	DESCRIPTION	MSIC 2000
4923 <sup>(1)</sup>		<b>Freight transport by road</b>	
	49230	Freight transport by road	60230
4930 <sup>(2)</sup>		<b>Transport via pipeline</b>	
	49300	Transport via pipeline	60300p



- (1) **Includes:**
- (a) logging haulage
  - (b) stock haulage
  - (c) refrigerated haulage
  - (d) heavy haulage
  - (e) bulk haulage including haulage in tanker trucks (e.g. palm oil tanker)
  - (f) haulage of automobiles
  - (g) transport of waste and waste materials, without collection or disposal
  - (h) furniture removal
  - (i) renting of trucks with driver
  - (j) freight transport by man or animal-drawn vehicles
  - (k) transport of water, liquids, etc. by trucks
- Excludes:**
- (a) log hauling within the forest, as part of logging operations, see 02401
  - (b) distribution of water by trucks, see 36001
  - (c) operation of terminal facilities for handling freight, see 52211
  - (d) crating and packing services for transport, see 52299
  - (e) post see 53100 and courier activities, see 53200
  - (f) waste transport as integrated part of waste collection activities, see 3811, 3812
- (2) **Includes:**
- (a) transport of gases, liquids, water, slurry and other commodities via pipelines
  - (b) operation of pump stations
  - (c) operation of pipelines
- Excludes:**
- (a) distribution of natural or manufactured gas, water or steam, see 35202, 35301, 35302, 36001
  - (b) transport of water, liquids, etc. by trucks, see 49230

**DIVISION 50 WATER TRANSPORT**

This division includes the transport of passengers or freight over water, whether scheduled or not. Also included are the operations of towing or pushing boats, excursion, cruise or sightseeing boats, ferries, water taxis, etc. Although the location is an indicator for the separation between sea and inland water transport, the deciding factor is the type of vessel used. All transport on sea-going vessels is classified in group 501, while transport using other vessels is classified in group 502.

This division excludes restaurant and bar activities on board ships (see class 5610, 5630), if carried out by separate units.

**GROUP 501 Sea and coastal water transport**

This group includes the transport of passengers or freight on vessels designed for operating on sea or coastal waters. Also included is the transport of passengers or freight on great lakes, etc. when similar types of vessels are used.

**GROUP 502 Inland water transport**

This group includes the transport of passengers or freight on inland waters, involving vessels that are not suitable for sea transport.

**DIVISION 50 : WATER TRANSPORT**  
**Group 501 : Sea and coastal water transport**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5011 <sup>(1)</sup>		<b>Sea and coastal passenger water transport</b>	
	50111	Operation of excursion, cruise or sightseeing boats	61101p
	50112	Operation of ferries, water taxis	61101p
	50113	Rental of pleasure boats with crew for sea and coastal water transport <sup>(2)</sup>	61109
5012 <sup>(3)</sup>		<b>Sea and coastal freight water transport</b>	
	50121	Transport of freight over seas and coastal waters, whether scheduled or not	61102
	50122	Transport by towing or pushing of barges, oil rigs	61103



- (1) **Excludes:** (a) restaurant and bar activities on board ships, when provided by separate units see 56101, 56301, 56304  
 (b) operation of "floating casinos", see 92000
- (2) **Includes:** rental of pleasure boats with crew or coastal water transport for fishing cruises
- (3) **Excludes:** (a) storage of freight, see 52100  
 (b) harbour operation and other auxiliary activities (e.g. docking, pilot age, lighter age, vessel salvage), see 5222  
 (c) cargo handling, see 5224

DIVISION 50 : WATER TRANSPORT  
Group 502 : Inland water transport

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CLASS	ITEM	DESCRIPTION	MSIC 2000
5021		<b>Inland passenger water transport</b>	
	50211	Transport of passenger via rivers, canals, lakes and other inland waterways <sup>(1)</sup>	61201
	50212	Rental of pleasure boats with crew for inland water transport	61209p
5022		<b>Inland freight water transport</b>	
	50220	Transport of freight via rivers, canals, lakes and other inland waterways <sup>(2)</sup>	61202

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(1) **Includes:** transport of passenger inside harbours and ports

(2) **Includes:** transport of freight inside harbours and ports

**DIVISION 51 AIR TRANSPORT**

This division includes the transport of passengers or freight by air or via space.

This division excludes the overhaul of aircraft or aircraft engines (see class 3315) and support activities, such as the operation of airports, (see class 5223). This division also excludes activities that make use of aircraft, but not for the purpose of transportation, such as crop spraying (see class 0161), aerial advertising (see class 7310) or aerial photography (see class 7420).

**GROUP 511 Passenger air transport**

This group includes transport of passengers by air over regular routes and on regular schedules, charter flights for passengers, scenic and sightseeing flights, renting of air-transport equipment with operator for the purpose of passenger transportation and general aviation activities such as transport of passengers by aero clubs for instruction or pleasure.

**GROUP 512 Freight air transport**

This group includes transport freight by air over regular routes and on regular schedules, non-scheduled transport of freight by air and launching of satellites and space vehicles.



DIVISION 51 : AIR TRANSPORT  
Group 511 : Passenger air transport

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CLASS	ITEM	DESCRIPTION	MSIC 2000
5110		<b>Passenger air transport</b>	
	51101	Transport of passengers by air over regular routes and on regular schedules	62101
	51102	Non-scheduled transport of passenger by air <sup>(1)</sup>	62209p
	51103	Renting of air-transport equipment with operator for the purpose of passenger transportation	62201p

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- (1) **Includes:**
- (a) charter flights for passengers (e.g. helicopter, etc.)
  - (b) scenic and sightseeing flights
  - (c) general aviation activities (e.g. transport of passengers by aero clubs for instruction or pleasure)



DIVISION 51 : AIR TRANSPORT  
 Group 512 : Freight air transport

CLASS	ITEM	DESCRIPTION	MSIC 2000
5120		Freight air transport	
	51201	Transport freight by air over regular routes and on regular schedules	62109
	51202	Non-scheduled transport of freight by air <sup>(1)</sup>	62209p
	51203	Renting of air-transport equipment with operator for the purpose of freight transportation	62201p



- (1) **Includes:** (a) launching of satellites and space vehicles  
 (b) space transport

**DIVISION 52 WAREHOUSING AND SUPPORT ACTIVITIES FOR TRANSPORTATION**

This division includes warehousing and support activities for transportation, such as operating of transport infrastructure (e.g. airports, harbours, tunnels, bridges, etc.), the activities of transport agencies and cargo handling.

**GROUP 521 Warehousing and storage**

This group includes operation of storage and warehouse facilities for all kind of goods, storage of goods in foreign trade zones and blast freezing.

**GROUP 522 Support activities for transportation**

This group includes activities supporting the transport of passengers or freight, such as operation of parts of the transport infrastructure or activities related to handling freight immediately before or after transport or between transport segments. The operation and maintenance of all transport facilities is included.



**DIVISION 52 : WAREHOUSING AND SUPPORT ACTIVITIES FOR TRANSPORTATION**  
**Group 521 : Warehousing and storage**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5210 <sup>(1)</sup>		<b>Warehousing and storage</b>	
	52100	Warehousing and storage services	63020

- (1) **Includes:**
- (a) operation of storage and warehouse facilities for all kind of goods: operation of grain silos, general merchandise warehouses, freight, refrigerated warehouses, storage tanks, etc.
  - (b) storage of goods in foreign trade zones
  - (c) blast freezing
- Excludes:**
- (a) parking facilities for motor vehicles, see 52213
  - (b) operation of self storage facilities, see 68102
  - (c) rental of vacant space, see 6810



**DIVISION 52 : WAREHOUSING AND SUPPORT ACTIVITIES FOR TRANSPORTATION**  
**Group 522 : Support activities for transportation**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5221 <sup>(1)</sup>		<b>Service activities incidental to land transportation</b>	
	52211	Operation of terminal facilities <sup>(2)</sup>	63039p, 63031
	52212	Towing and road side assistance <sup>(3)</sup>	50201p, 50202p, 60100p
	52213	Operation of parking facilities for motor vehicles (parking lots) <sup>(4)</sup>	63032
	52214	Highway, bridge and tunnel operation services	63033
	52219	Other service activities incidental to land transportation n.e.c. <sup>(5)</sup>	63039p



- (1) **Excludes:** cargo handling, see 5224
- (2) **Includes:** operation of terminal facilities such as railway stations, bus stations, stations for the handling of goods, freight terminal activities, etc.
- (3) **Excludes:** maintenance and repair of motor vehicles with towing services, see 45201
- (4) **Excludes:** parking meter coin collection services, see 82990
- (5) **Excludes:** liquefaction of gas for transportation purposes, see 19201

**DIVISION 52 : WAREHOUSING AND SUPPORT ACTIVITIES FOR TRANSPORTATION**  
**Group 522 : Support activities for transportation**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5222 <sup>(1)</sup>		Service activities incidental to water transportation	
	52221	Port, harbours and piers operation services <sup>(2)</sup>	63035
	52222	Vessel salvage and refloating services	63034
	52229	Other service activities incidental to water transportation n.e.c. <sup>(3)</sup>	63039p



- (1) **Excludes:** (a) cargo handling, see 5224  
 (b) operation of marinas, see 93292
- (2) **Includes:** navigation, pilotage and berthing activities
- (3) **Includes:** lighterage and lighthouse activities

**DIVISION 52 : WAREHOUSING AND SUPPORT ACTIVITIES FOR TRANSPORTATION**  
**Group 522 : Support activities for transportation**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5223 <sup>(1)</sup>		<b>Service activities incidental to air transportation</b>	
	52231	Operation of terminal facilities <sup>(2)</sup>	63036p
	52232	Airport and air-traffic-control activities	63036p
	52233	Ground service activities on airfields	63036p
	52234	Fire fighting and fire-prevention services at airports	63036p
	52239	Other service activities incidental to air transportation n.e.c.	63036p



(1) **Excludes:** (a) cargo handling, see 5224  
 (b) operation of flying schools, see 8530, 8549

(2) **Includes:** the operation of airway terminal, etc.

DIVISION 52 : WAREHOUSING AND SUPPORT ACTIVITIES FOR TRANSPORTATION  
 Group 522 : Support activities for transportation

CLASS	ITEM	DESCRIPTION	MSIC 2000
5224 <sup>(1)</sup>		<b>Cargo handling</b>	
	52241	Stevedoring services	63011
	52249	Other cargo handling activities n.e.c.	63019
5229 <sup>(2)</sup>		<b>Other transportation support activities</b>	
	52291	Forwarding of freight <sup>(3)</sup>	63049p, 63091p, 63092p, 63099p
	52292	Brokerage for ship and aircraft space	63092p, 63099p
	52299	Other transportation support activities n.e.c. <sup>(4)</sup>	63092p, 63099p

**H**

- (1) **Includes:** the loading and unloading of goods or passengers' luggage irrespective of the mode of transport used for transportation and stevedoring services
- Excludes:** operation of terminal facilities, see 5221, 5222 and 5223
- (2) **Includes:** pickup and delivery of goods and grouping of consignments - Integrated system
- Excludes:** (a) courier activities, see 53200  
 (b) provision of motor, marine, aviation and transport insurance, see 6512  
 (c) activities of travel agencies, see 79110  
 (d) activities of tour operators, see 79120  
 (e) tourist assistance activities, see 79900
- (3) **Includes:** (a) arranging or organizing of transport operations by rail, road, sea or air  
 (b) organizing of group and individual consignments  
 (c) issue and procurement of transport documents and waybills  
 (d) activities of customs agents  
 (e) activities of sea-freight forwarders and air-cargo agents
- (4) **Includes:** (a) goods-handling operations (e.g. temporary crating for the sole purpose of protecting the goods during transit, uncrating, sampling, weighing of goods)  
 (b) packaging activities incidental to transport

**DIVISION 53 POSTAL AND COURIER ACTIVITIES**

This division includes postal and courier activities, such as pickup, transport and delivery of letters and parcels under various arrangements. Local delivery and messenger services are also included.

**GROUP 531 Postal activities**

This group includes the activities of postal services operating under a universal service obligation. The activities include use of the universal service infrastructure, including retail locations, sorting and processing facilities, and carrier routes to pickup and deliver the mail. The delivery can include letter-post, i.e. letters, postcards, printed papers (newspaper, periodicals, advertising items, etc.), small packets, goods or documents. Also included are other services necessary to support the universal service obligation.

**GROUP 532 Courier activities**

This class includes courier activities not operating under a universal service obligation.



DIVISION 53 : POSTAL AND COURIER ACTIVITIES  
 Group 531 : Postal activities

CLASS	ITEM	DESCRIPTION	MSIC 2000
5310 <sup>(1)</sup>		Postal activities	
	53100	National postal services <sup>(2)</sup>	64110p

(1) **Excludes:** postal giro, postal savings activities and money order activities, see 6419

(2) **Includes:** the pick-up, transport and delivery (domestic or international) of mail and parcels. The activity includes sale of postage stamps, collection of mail and parcels from public letter boxes or from post offices and distribution and delivery. Also **includes** such activities as mail sorting, mailbox rental, poste restante, etc.



**DIVISION 53 : POSTAL AND COURIER ACTIVITIES**  
**Group 532 : Courier activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5320 <sup>(1)</sup>		Courier activities	
	53200	Courier activities other than national post activities <sup>(2)</sup>	64120

(1) **Excludes:** transport of freight, see (according to mode of transport) 49120, 49230, 5012, 50220, 5120

(2) **Includes:** the pick-up, transport and delivery of letters and mail-type, usually small, parcels and packages. One or more modes of transport may be involved and the activity may be carried out with either self-owned (private) transport media or via public transport

**Excludes:** all postal activities carried out by Pos Malaysia Bhd. which are classified in Item 53100 National postal services



# I

## ● **ACCOMMODATION AND FOOD SERVICE ACTIVITIES**

- 55 Accommodation
- 56 Food and beverage service activities

# I

**SECTION I : ACCOMODATION AND FOOD SERVICE ACTIVITIES**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	2
GROUP	6
CLASS	7
ITEM	25

This section includes the provision of short-stay accommodation for visitors and other travelers and the provision of complete meals and drinks fit for immediate consumption. The amount and type of supplementary services provided within this section can vary widely.

This section excludes the provision of long-term accommodation as primary residences, which is classified in Real estate activities (section L). Also excluded is the preparation of food or drinks that are either not fit for immediate consumption or that are sold through independent distribution channels, i.e. through wholesale or retail trade activities. The preparation of these foods is classified in Manufacturing (section C).

**DIVISION 55 ACCOMMODATION**

This division includes the provision of short-stay accommodation for visitors and other travelers. Also included are the provision of longer-term accommodation for students, workers and similar individuals. Some units may provide only accommodation while others provide a combination of accommodation, meals and/or recreational facilities.

This division excludes activities related to the provision of long-term primary residences in facilities such as apartments typically leased on a monthly or annual basis classified in Real Estate (section L).

**GROUP 551 Short term accommodation activities**

This group includes the provision of accommodation, typically on a daily or weekly basis, principally for short stay by visitors. This includes the provision of furnished accommodation in guest rooms and suites, or complete self-contained units with kitchens, with or without daily or other regular housekeeping services, and may often include a range of additional services such as food and beverage services, parking, laundry services, swimming pools and exercise rooms, recreational facilities and conference and convention facilities.

**GROUP 552    Camping grounds, recreational vehicle parks and trailer parks**

This group includes provision of accommodation in campgrounds, trailer parks, recreational camps and fishing and hunting camps for short stay visitors; provision of space and facilities for recreational vehicles.

**GROUP 559    Other accommodation**

This group includes the provision temporary or longer-term accommodation in single or shared rooms or dormitories for students, migrant (seasonal) workers and other individuals.



**DIVISION 55 : ACCOMMODATION**  
**Group 551 : Short term accommodation activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5510 <sup>(1)</sup>		<b>Short term accommodation activities</b>	
	55101	Hotels and resort hotels <sup>(2)</sup>	55101p
	55102	Motels	55101p
	55103	Apartment hotels <sup>(3)</sup>	55101p
	55104	Chalets	55101p
	55105	Rest house/guest house	55101p
	55106	Bed and breakfast units	55101p
	55107	Hostels	55101p
	55108	Home stay	55102p
	55109	Other short term accommodation activities n.e.c.	55101p



- (1) **Excludes:** provision of homes and furnished or unfurnished flats or apartments for more permanent use, typically on a monthly or annual basis, see division 68
- (2) **Includes:** inn and lodge
- (3) **Includes:** services apartment and condo

DIVISION 55 : ACCOMMODATION

Group 552 : Camping grounds, recreational vehicle parks and trailer parks

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CLASS	ITEM	DESCRIPTION	MSIC 2000
5520		Camping grounds, recreational vehicle parks and trailer parks	
	55200	Camping grounds/sites and recreational vehicle parks <sup>(1)</sup>	55102p

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- (1) **Includes:**
- (a) provision of accommodation in campgrounds, trailer parks, recreational camps and fishing and hunting camps for short stay visitors
  - (b) provision of space and facilities for recreational vehicles



DIVISION 55 : ACCOMMODATION  
Group 559 : Other accommodation

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CLASS	ITEM	DESCRIPTION	MSIC 2000
5590		Other accommodation	
	55900	Other accommodation <sup>(1)</sup>	55101p, 55102p

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- (1) **Includes:**
- (a) student residences
  - (b) school dormitories
  - (c) workers hostels
  - (d) rooming and boarding houses
  - (e) railway sleeping cars



**DIVISION 56 FOOD AND BEVERAGE SERVICE ACTIVITIES**

This division includes food and beverage serving activities providing complete meals or drinks fit for immediate consumption, whether in traditional restaurants, self-service or take-away restaurants, whether as permanent or temporary stands with or without seating. Decisive is the fact that meals fit for immediate consumption are offered, not the kind of facility providing them.

Excluded is the production of meals not fit for immediate consumption or not planned to be consumed immediately or of prepared food which is not considered to be a meal (see divisions 10: Manufacture of food products and 11: Manufacture of beverages). Also excluded is the sale of not self-manufactured food which is not considered to be a meal or of meals which are not fit for immediate consumption (see section G: Wholesale and Retail Trade; Repair Of Motor Vehicles And Motorcycles)

**GROUP 561 Restaurants and mobile food service activities**

This group includes the provision of food services to customers, whether they are served while seated or serve themselves from a display of items, whether they eat the prepared meals on the premises, take them out or have them delivered. This includes the preparation and serving of meals for immediate consumption from motorized vehicles or non-motorized carts.

**GROUP 562 Event catering and other food service activities**

This group includes catering activities for individual events or for a specified period of time and the operation of food concessions, such as at sports or similar facilities.

**GROUP 563 Beverage serving activities**

This group includes the preparation and serving beverages for immediate consumption on the premises.

**DIVISION 56 : FOOD AND BEVERAGE SERVICE ACTIVITIES**  
**Group 561 : Restaurants and mobile food service activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5610 <sup>(1)</sup>		<b>Restaurants and mobile food service activities</b>	
	56101	Restaurants and restaurant cum night clubs	55211
	56102	Cafeterias/canteens	55214, 55215
	56103	Fast-food restaurants	55212
	56104	Ice cream truck vendors and parlours	55219p
	56105	Mobile food carts	55219p
	56106	Food stalls/hawkers	55221
	56107	Food or beverage, food and beverage preparation in market stalls/hawkers <sup>(2)</sup>	55223



- (1) **Includes:** dining cars when operated separate units  
**Excludes:** the concession operation of eating facilities, see 56290
- (2) **Includes:** market stall/hawkers at *pasar tani* and night market

**DIVISION 56 : FOOD AND BEVERAGE SERVICE ACTIVITIES**  
**Group 562 : Event catering and other food service activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5621 <sup>(1)</sup>		<b>Event catering</b>	
	56210	Event/food caterers	55216
5629		<b>Other food service activities</b>	
	56290	Other food service activities <sup>(2)</sup>	55219p

(1) **Excludes:** (a) manufacture of perishable food items for resale, see 10799  
 (b) retail sale of perishable food items, see division 47



(2) **Includes:** (a) food service contractors for transportation companies  
 (b) operation of food concessions at sports and similar facilities  
 (c) operation of canteens or cafeterias (e.g. for factories, office, hospitals or schools) on a concession basis  
 (d) concession operation of eating facilities

**Excludes:** (a) manufacture of perishable food items for resale, see 10799  
 (b) retail sale of perishable food items, see division 47

**DIVISION 56 : FOOD AND BEVERAGE SERVICE ACTIVITIES****Group 563 : Beverage serving activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5630 <sup>(1)</sup>		<b>Beverage serving activities</b>	
	56301	Pubs, bars, discotheques, coffee houses, cocktail lounges and karaoke	55217
	56302	Coffee shops	55213
	56303	Drink stalls/hawkers	55222
	56304	Mobile beverage	55219p
	56309	Others drinking places n.e.c.	55219p

- (1) **Excludes:** (a) reselling packaged/prepared beverages, see 4711, 4722, 4781, 4799  
 (b) operation of discotheques and dance floors without beverage serving, see 93295



**J**

**• INFORMATION AND  
COMMUNICATION**

- 58 Publishing activities
- 59 Motion picture, video and television  
programme production, sound recording  
and music publishing activities
- 60 Programming and broadcasting  
activities
- 61 Telecommunications
- 62 Computer programming, consultancy  
and related activities
- 63 Information service activities

**J**

SECTION J : INFORMATION AND COMMUNICATION

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	6
GROUP	13
CLASS	23
ITEM	35

This section includes the production and distribution of information and cultural products, the provision of the means to transmit or distribute these products, as well as data or communications, information technology activities and the processing of data and other information service activities.

This section includes publishing activities, motion picture, video and television programme production, sound recording and music publishing activities, broadcasting and programming activities, telecommunications, computer programming, consultancy and related activities, information service activities.



The main components of this section are publishing activities (division 58), including software publishing, motion picture and sound recording activities (division 59), radio and TV broadcasting and programming activities (division 60), telecommunications activities (division 61) and information technology activities (division 62) and other information service activities (division 63).

Publishing includes the acquisition of copyrights to content (information products) and making this content available to the general public by engaging in (or arranging for) the reproduction and distribution of this content in various forms. All the feasible forms of publishing (in print, electronic or audio form, on the internet, as multimedia products such as CD-ROM reference books, etc.) are included in this section.

Activities related to production and distribution of TV programming span divisions 59, 60 and 61, reflecting different stages in this process. Individual components, such as movies, television series, etc. are produced by activities in division 59, while the creation of a complete television channel programmed, from components produced in division 59 or other components (such as live news programming) is included in division 60. Division 60 also includes the broadcasting of this programmed by the producer. The distribution of the complete television programmed by third parties, i.e. without any alteration of the content, is included in division 61. This distribution in division 61 can be done through broadcasting, satellite or cable systems.

**DIVISION 58 PUBLISHING ACTIVITIES**

This division includes the publishing of books, brochures, leaflets, dictionaries, encyclopaedias, atlases, maps and charts; publishing of newspapers, journals and periodicals; directory and mailing list and other publishing, as well as software publishing.

Publishing includes the acquisition of copyrights to content (information products) and making this content available to the general public by engaging in (or arranging for) the reproduction and distribution of this content in various forms. All the feasible forms of publishing (in print, electronic or audio form, on the internet, as multimedia products such as CD-ROM reference books, etc.), except publishing of motion pictures, are included in this division.

This division excludes publishing of motion pictures, videotapes and movies on DVD or similar media (division 59) and the production of master copies for records or audio material (division 59). Also excluded is printing (see 1811) and the mass reproduction of recorded media (see 1820).

**GROUP 581 Publishing of books, periodicals and other publishing activities**

This group includes activities of publishing books, newspapers, magazines and other periodicals, directories and mailing lists, and other works such as photos, engravings, postcards, timetables, forms, posters and reproductions of works of art. These works are characterized by the intellectual creativity required in their development and are usually protected by copyright.

**GROUP 582 Software publishing**

This group includes publishing of ready-made (non-customized) software such as operating systems, business and other applications, computer games for all platforms.



**DIVISION 58 : PUBLISHING ACTIVITIES**  
**Group 581 : Publishing of books, periodicals and other publishing activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5811 <sup>(1)</sup>		<b>Book publishing</b>	
	58110	Publishing of books, brochures and other publications <sup>(2)</sup>	22110
5812		<b>Publishing of directories and mailing lists</b>	
	58120	Publishing of mailing lists, telephone book, other directories <sup>(3)</sup>	22190p
5813		<b>Publishing of newspapers, journals and periodicals</b>	
	58130	Publishing of newspapers, journals, magazines and periodicals in print or electronic form <sup>(4)</sup>	22120

- (1) **Includes:** the activities of publishing books in print, electronic (CD, electronic displays, etc.) or audio form or on the Internet
- Excludes:** (a) production of globes, see 32909  
(b) publishing of advertising material, see 58190  
(c) publishing of music and sheet books, see 59200  
(d) activities of independent authors, see 90004
- (2) **Includes:** (a) publishing of leaflets and similar publications, including publishing of dictionaries and encyclopaedias  
(b) publishing of atlases, maps and charts  
(c) publishing of audio books  
(d) publishing of encyclopaedias, etc. on CD-ROM  
(e) on-line publishing of books, etc.
- (3) **Includes:** on-line publishing of directories and mailing lists
- (4) **Includes:** (a) on the Internet and publishing of radio and television schedules  
(b) publishing of advertising newspapers  
(c) on-line publishing of newspapers, etc.



**DIVISION 58 : PUBLISHING ACTIVITIES**  
**Group 581 : Publishing of books, periodicals and other publishing activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5819 <sup>(1)</sup>		<b>Other publishing activities</b>	
	58190	Publishing of catalogues, photos, engraving and postcards, greeting cards, forms, posters, reproduction of works of art, advertising material and other printed matter n.e.c.	22190p

(1) **Includes:** on-line publishing of other information (greeting cards, statistics, etc.), database publishing

**Excludes:** (a) retail sale of software, see 4741  
 (b) publishing of advertising newspapers, see 58130  
 (c) on-line provision of software (application hosting and application service provisioning), see 63111



**DIVISION 58 : PUBLISHING ACTIVITIES**  
**Group 582 : Software publishing**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5820 <sup>(1)</sup>		<b>Publishing of ready-made (non-customized) software</b>	
	58201	Business and other applications	22130p
	58202	Computer games for all platforms <sup>(2)</sup>	22130p
	58203	Operating systems	22130p

- (1) **Includes:** on-line software publishing
- Excludes:** (a) reproduction of software, see 18200  
 (b) retail sale of non-customized software, see 47412  
 (c) production of software not associated with publishing, see 62010  
 (d) on-line provision of software (application hosting and application service provisioning), see 63111
- (2) **Includes:** publishing of software for video game consoles



**DIVISION 59 MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES**

This division includes production of theatrical and non-theatrical motion pictures whether on film, video tape or disc for direct projection in theatres or for broadcasting on television; supporting activities such as film editing, cutting, dubbing, etc.; distribution of motion pictures and other film productions to other industries; as well as motion picture or other film productions projection. Also included is buying and selling of motion picture or other film productions distribution rights is also included.

This division also includes the sound recording activities, i.e. production of original sound master recordings, releasing, promoting and distributing them, publishing of music as well as sound recording service activities in a studio or elsewhere.

**GROUP 591 Motion picture, video and television programme activities**

This group includes production of theatrical and non-theatrical motion pictures whether on film, video tape, DVD or other media, including digital distribution, for direct projection in theatres or for broadcasting on television; supporting activities such as film editing, cutting, dubbing, etc.; distribution of motion pictures or other film productions (video tapes, DVDs, etc.) to other industries; as well as their projection. Buying and selling of motion picture or any other film production distribution rights is also included.

**GROUP 592 Sound recording and music publishing activities**

This group includes the activities of production of original (sound) master recordings, such as tapes, CDs; releasing, promoting and distributing sound recordings to wholesalers, retailers or directly to the public. These activities might be integrated or not with the production of master recordings in the same unit. If not, the unit exercising these activities has to obtain the reproduction and distribution rights to master recordings. This class includes also sound recording service activities in a studio or elsewhere, including the production of taped (i.e. non-live) radio programming, audio for film, television, etc.

This group also includes the activities of music publishing, i.e. activities of acquiring and registering copyrights for musical compositions, promoting, authorizing and using these compositions in recordings, radio, television, motion pictures, live performances, print and other media. Units engaged in these activities may own the copyright or act as administrator of the music copyrights on behalf of the copyright owners. Publishing of music and sheet books is included here.



**DIVISION 59 : MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES**

**Group 591 : Motion picture, video and television programme activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5911 <sup>(1)</sup>		<b>Motion picture, video and television programme production activities</b>	
	59110	Motion picture, video and television programme production activities <sup>(2)</sup>	92111p, 92132p

- (1) **Excludes:**
- (a) film duplicating (except reproduction of motion picture film for theatrical distribution) as well as reproduction of audio and video tape, CDs or DVDs reproduction from master copies, see 18200
  - (b) wholesale of recorded video tapes, CDs, DVDs, see 46496
  - (c) wholesale of blank video tapes, CDs, see 46496
  - (d) retail trade of video tapes, CDs, DVDs, see 47622
  - (e) post-production activities, see 59120
  - (f) reproduction of motion picture film for theatrical distribution, see 59120
  - (g) sound recording and recording of books on tape, see 59200
  - (h) creating a complete television channel programme, see 6020
  - (i) television broadcasting, see 6020
  - (j) film processing other than for the motion picture industry, see 74200
  - (k) activities of personal theatrical or artistic agents or agencies, see 74909
  - (l) renting of video tapes, DVDs to the general public, see 77220
  - (m) real-time (i.e. simultaneous) closed captioning of live television performances of meetings, conferences, etc., see 82990
  - (n) activities of own account actors, cartoonists, directors, stage designers and technical specialists, see 9000
- (2) **Includes:**
- (a) production of commercial messages for radio, television and film
  - (b) production of television programmes
  - (c) commercials not done in broadcasting facilities and activities of stock footage film libraries, etc.



**DIVISION 59 : MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES**

**Group 591 : Motion picture, video and television programme activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5912 <sup>(1)</sup>		<b>Motion picture, video and television programme post-production activities</b>	
	59120	Motion picture, video and television programme post-production activities <sup>(2)</sup>	92111p

- (1) **Excludes:**
- (a) film duplicating (except reproduction of motion picture film for theatrical distribution) as well as reproduction of audio and video tape, CDs or DVDs reproduction from master copies, see 18200
  - (b) wholesale of recorded video tapes, CDs, DVDs, see 46496
  - (c) wholesale of blank video tapes, CDs, see 46496
  - (d) retail trade of video tapes, CDs, DVDs, see 47620
  - (e) film processing other than for the motion picture industry, see 74200
  - (f) renting of video tapes, DVDs to the general public, see 77220
  - (g) activities of own account actors, cartoonists, directors, stage designers and technical specialists, see 9000
- (2) **Includes:** activities such as editing, film/tape transfers, titling, subtitling, credits, closed captioning, computer-produced graphics, animation and special effects, developing and processing motion picture film, activities of motion picture film laboratories, activities of special laboratories for animated films



**DIVISION 59 : MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES**

**Group 591 : Motion picture, video and television programme activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5913 <sup>(1)</sup>		<b>Motion picture, video and television programme distribution activities</b>	
	59130	Motion picture, video and television programme distribution activities <sup>(2)</sup>	92112, 92132p
5914		<b>Motion picture projection activities</b>	
	59140	Motion picture projection activities <sup>(3)</sup>	92120, 92132p

- (1) **Excludes:** (a) film duplicating (except reproduction of motion picture film for theatrical distribution) as well as reproduction of audio and video tapes, CDs or DVDs reproduction from master copies, see 18200  
(b) reproduction of motion picture film for theatrical distribution, see 59120
- (2) **Includes:** (a) activities of acquiring distribution rights and distributing film, video tapes, DVDs and similar productions to motion picture theatres, television networks and stations, and exhibitors  
(b) acquiring film, video tape and DVD distribution rights
- (3) **Includes:** the motion picture or video tape projection in cinemas, in the open air or in other projection facilities and cine-clubs



**DIVISION 59 : MOTION PICTURE, VIDEO AND TELEVISION PROGRAMME PRODUCTION, SOUND RECORDING AND MUSIC PUBLISHING ACTIVITIES**

**Group 592 : Sound recording and music publishing activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
5920 <sup>(1)</sup>		Sound recording and music publishing activities	
	59200	Sound recording and music publishing activities	22130p, 92111p, 92132p, 92492

- (1) **Includes:**
- (a) production of original (sound) master recordings, such as tapes, CDs
  - (b) sound recording service activities in a studio or elsewhere, including the production of taped (i.e. non-live) radio programming, audio for film, television, etc.
  - (c) music publishing, i.e. activities of acquiring and registering copyrights for musical compositions; promoting, authorizing and using these compositions in recordings, radio, television, motion pictures, live performances, print and other media; distributing sound recordings to wholesalers, retailers or directly to the public
  - (d) on-line music publishing
  - (e) sound-recording activities
  - (f) production of taped (e.g. non-live) radio programming



**DIVISION 60 PROGRAMMING AND BROADCASTING ACTIVITIES**

This division includes the activities of creating content or acquiring the right to distribute content and subsequently broadcasting that content, such as radio, television and data programs of entertainment, news, talk, and the like. Also included is data broadcasting, typically integrated with radio or TV broadcasting. The broadcasting can be performed using different technologies, over-the-air, via satellite, via a cable network or via internet. This division also includes the production of programs that are typically narrowcast in nature (limited format, such as news, sports, education, or youth-oriented programming) on a subscription or fee basis, to a third party, for subsequent broadcasting to the public.

This division excludes the distribution of cable and other subscription programming (see division 61).

**GROUP 601 Radio broadcasting**

This group includes the activities of broadcasting audio signals through radio broadcasting studios and facilities for the transmission of aural programming to the public, to affiliates or to subscribers. Included are also the activities of radio networks, i.e. assembling and transmitting aural programming to the affiliates or subscribers via over-the-air broadcasts, cable or satellite.

The radio broadcasting activities over the Internet (Internet radio stations) are included here. Also included is data broadcasting integrated with radio broadcasting.

**GROUP 602 Television programming and broadcasting activities**

This group includes creation of a complete television channel programmed, from purchased programmed components (e.g. movies, documentaries, etc.), self produced programmed components (e.g. local news, live reports) or a combination thereof.

This complete television programmed can be either broadcast by the producing unit or produced for transmission by a third party distributor, such as cable companies or satellite television providers.

The programming may be of a general or specialized nature (e.g. limited formats such as news, sports, education or youth oriented programming), may be made freely available to users or may be available only on a subscription basis.

Also included are programming of video-on-demand channels and data broadcasting integrated with television broadcasting.



**DIVISION 60 : PROGRAMMING AND BROADCASTING ACTIVITIES**  
**Group 601 : Radio broadcasting**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6010 <sup>(1)</sup>		Radio broadcasting	
	60100	Radio broadcasting	64202p, 92131

- (1) **Includes:**
- (a) broadcasting audio signals through radio broadcasting studios and facilities for the transmission of aural programming to the public, to affiliates or to subscribers
  - (b) activities of radio networks, i.e. assembling and transmitting aural programming to the affiliates or subscribers via over-the-air broadcasts, cable or satellite
  - (c) radio broadcasting activities over the Internet (Internet radio stations)
  - (d) data broadcasting integrated with radio broadcasting

**Excludes:** production of taped radio programming, see class 5920



**DIVISION 60 : PROGRAMMING AND BROADCASTING ACTIVITIES**  
**Group 602 : Television programming and broadcasting activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6020 <sup>(1)</sup>		Television programming and broadcasting activities	
	60200	Television programming and broadcasting activities	64202p, 92132p

- (1) **Includes:**
- (a) creation of a complete television channel programme, from purchased programme components (e.g. movies, documentaries, etc.), self produced programme components (e.g. local news, live reports) or a combination thereof
  - (b) programming of video-on-demand channels
  - (c) data broadcasting integrated with television broadcasting
  - (d) Internet TV broadcasting
- Excludes:**
- (a) production of television programme elements (e.g. movies, documentaries, commercials), see class 59110
  - (b) assembly of a package of channels and distribution of that package via cable or satellite to viewers, see division 61



**DIVISION 61 TELECOMMUNICATIONS**

This division includes the activities of providing telecommunications and related service activities, i.e. transmitting voice, data, text, sound and video. The transmission facilities that carry out these activities may be based on a single technology or a combination of technologies. The commonality of activities classified in this division is the transmission of content, without being involved in its creation. The breakdown in this division is based on the type of infrastructure operated.

In the case of transmission of television signals this may include the bundling of complete programming channels (produced in division 60) in to programmed packages for distribution.

**GROUP 611 Wired telecommunications activities**

This group includes the activities of operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound, and video using a wired telecommunications infrastructure. The transmission facilities that carry out these activities, may be based on a single technology or a combination of technologies.

More specifically these activities include: 1) operating and maintaining switching and transmission facilities to provide point-to-point communications via landlines, microwave, or a combination of landlines and satellite linkups, 2) operating of cable distribution systems (e.g. for distribution of data and television signals), and 3) furnishing telegraph and other non-vocal communications using their own facilities.

Purchasing access and network capacity from owners and operators of networks and providing telecommunications services using this capacity to businesses and households is included here.

This class also includes the provision of Internet access by the operator of the wired infrastructure.

**GROUP 612 Wireless telecommunications activities**

This group includes the activities of operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound, and video using a wireless telecommunications infrastructure. These facilities provide omnidirectional transmission via airwaves and they may be based on a single technology or a combination of technologies. Activities of maintaining and operating paging as well as cellular and other wireless telecommunications networks are included here.

Purchasing access and network capacity from owners and operators of networks and providing wireless telecommunications services (except satellite) using this capacity to businesses and households is included here.



This group also includes the provision of Internet access by the operator of the wireless infrastructure.

**GROUP 613 Satellite telecommunications activities**

This group includes the activities of operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound, and video using a satellite telecommunications infrastructure.

This group also includes the delivery of visual, aural or textual programming received from cable networks, local television stations, or radio networks to consumers via direct-to-home satellite systems. The units classified here do not generally originate programming material.

This group also includes the provision of Internet access by the operator of the satellite infrastructure.

**GROUP 619 Other telecommunications activities**

This group includes provision of specialized telecommunications applications, such as satellite tracking, communications telemetry, and radar station operations, operation of satellite terminal stations and associated facilities operationally connected with one or more terrestrial communications systems and capable of transmitting telecommunications to or receiving telecommunications from satellite systems, provision of Internet access over networks between the client and the ISP not owned or controlled by the ISP, such as dial-up Internet access, etc., provision of telephone and Internet access in facilities open to the public, provision of telecommunications services over existing telecom connections such as VOIP (Voice Over Internet Protocol) provision and telecommunications resellers (i.e. purchasing and reselling network capacity without providing additional services).



**DIVISION 61 : TELECOMMUNICATIONS**  
**Group 611 : Wired telecommunications activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6110 <sup>(1)</sup>		<b>Wired telecommunications activities</b>	
	61101	Wired telecommunications services	64201p, 64203p
	61102	Internet access providers by the operator of the wired infrastructure	64201p, 64203p

- (1) **Includes:**
- (a) operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound and video using a wired telecommunications infrastructure, including operating and maintaining switching and transmission facilities to provide point-to-point communications via landlines, microwave or a combination of landlines and satellite linkups; operating of cable distribution systems (e.g. for distribution of data and television signals); furnishing telegraph and other non-vocal communications using own facilities
  - (b) purchasing access and network capacity from owners and operators of networks and providing telecommunications services using this capacity to businesses and households
  - (c) provision of Internet access by the operator of the wired infrastructure

**Excludes:** telecommunications resellers, see 61903



**DIVISION 61 : TELECOMMUNICATIONS**  
**Group 612 : Wireless telecommunications activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6120 <sup>(1)</sup>		Wireless telecommunications activities	
	61201	Wireless telecommunications services	64201p, 64203p, 64204
	61202	Internet access providers by the operator of the wireless infrastructure	64201p, 64203p

- (1) **Includes:**
- (a) operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound, and video using a wireless telecommunications infrastructure
  - (b) maintaining and operating paging as well as cellular and other wireless telecommunications networks
  - (c) purchasing access and network capacity from owners and operators of networks and providing wireless telecommunications services (except satellite) using this capacity to businesses and households
  - (d) provision of Internet access by the operator of the wireless infrastructure

**Excludes:** telecommunications resellers, see 61903



**DIVISION 61 : TELECOMMUNICATIONS**  
**Group 613 : Satellite telecommunications activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6130 <sup>(1)</sup>		<b>Satellite telecommunications activities</b>	
	61300	Satellite telecommunications services	64203p, 64209p

- (1) **Includes:**
- (a) operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound and video using a satellite telecommunications infrastructure
  - (b) delivery of visual, aural or textual programming received from cable networks, local television stations or radio networks to consumers via direct-to-home satellite systems (the units classified here do not generally originate programming material)
  - (c) provision of Internet access by the operator of the satellite infrastructure

**Excludes:** telecommunications resellers, see 61903



**DIVISION 61 : TELECOMMUNICATIONS**  
**Group 619 : Other telecommunications activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6190 <sup>(1)</sup>		<b>Other telecommunications activities</b>	
	61901	Provision of Internet access over networks between the client and the ISP not owned or controlled by the ISP	64203p
	61902	Provision of telecommunications services over existing telecom connection	64209p
	61903	Telecommunications resellers	64209p
	61904	Provision of telecommunications services over existing telecom connections VOIP (Voice Over Internet Protocol) provision	64203p
	61905	Provision of specialized telecommunications applications <sup>(2)</sup>	64209p
	61909	Other telecommunications activities n.e.c.	64209p



- (1) **Includes:**
- (a) operation of satellite terminal stations and associated facilities operationally connected with one or more terrestrial communications systems and capable of transmitting telecommunications to or receiving telecommunications from satellite systems
  - (b) provision of Internet access over networks between the client and the ISP not owned or controlled by the ISP (e.g. dial-up Internet access, etc.)
  - (c) provision of telephone and Internet access in facilities open to the public
  - (d) telecommunications resellers (e.g. purchasing and reselling network capacity without providing additional services)
- Excludes:** provision of Internet access by operators of telecommunications infrastructure, see 6110, 6120, 6130
- (2) **Includes:** satellite tracking, communications telemetry and radar station operations

**DIVISION 62 COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES**

This division includes the following activities of providing expertise in the field of information technologies such as writing, modifying, testing and supporting software to meet the needs of a particular customer; planning and designing computer systems that integrate computer hardware, software and communication technologies; on-site management and operation of clients' computer systems and/or data processing facilities; providing infrastructure for hosting or data processing services; and other professional and technical computer-related activities.

**GROUP 620 Computer programming, consultancy and related activities**

This group includes the following activities of providing expertise in the field of information technologies such as writing, modifying, testing and supporting software to meet the needs of a particular customer; planning and designing computer systems that integrate computer hardware, software and communication technologies; on-site management and operation of clients' computer systems and/or data processing facilities; providing infrastructure for hosting or data processing services; and other professional and technical computer-related activities.



**DIVISION 62 : COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES****Group 620 : Computer programming, consultancy and related activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6201 <sup>(1)</sup>		<b>Computer programming activities</b>	
	62010	Computer programming activities <sup>(2)</sup>	72200p
6202 <sup>(3)</sup>		<b>Computer consultancy and computer facilities management activities</b>	
	62021	Computer consultancy <sup>(4)</sup>	72200p

- (1) **Includes:**
- (a) designing the structure and content of and/or writing the computer code necessary to create and implement such as systems software (including updates and patches), software applications (including updates and patches), databases and web pages
  - (b) customizing of software (e.g. modifying and configuring an existing application so that it is functional within the clients' information system environment)
- Excludes:**
- (a) publishing packaged software, see 5820
  - (b) planning and designing computer systems that integrate computer hardware, software and communication technologies, even though providing software might be an integral part, see 62021
- (2) **Includes:**
- (a) activities of writing, modifying, testing, and supporting software to meet the needs of a particular client (customize computer programming)
  - (b) production of software not associated with publishing
  - (c) writing of software for video game consoles
  - (d) design and programming of web pages
- (3) **Excludes:**
- (a) separate sale of computer hardware or software, see 46510, 4741
  - (b) separate installation of mainframe and similar computers, see 33200
  - (c) separate installation (setting-up) of personal computers, see 62099
  - (d) separate software installation, see 62099
- (4) **Includes:**
- (a) planning and designing of computer systems that integrate computer hardware, software and communication technologies
  - (b) software design or consultancy as part of designing a complete computer system solution for a user



**DIVISION 62 : COMPUTER PROGRAMMING, CONSULTANCY AND RELATED ACTIVITIES****Group 620 : Computer programming, consultancy and related activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	62022	Computer facilities management activities <sup>(1)</sup>	72100
<b>6209<sup>(2)</sup></b>		<b>Other information technology and computer service activities</b>	
	62091	Information Communication Technology (ICT) system security	72900p
	62099	Other information technology service activities n.e.c. <sup>(3)</sup>	72900p

- (1) **Includes:** provision of on site management and operation of a client's computer systems and/or data processing facilities, as well as related support services
- (2) **Excludes:** (a) installation of mainframe and similar computers, see 33200  
 (b) computer programming, see 62010  
 (c) computer consultancy, see 62021  
 (d) computer facilities management, see 62022  
 (e) data processing and hosting, see 6311
- (3) **Includes:** (a) computer disaster recovery  
 (b) installation (setting-up) of personal computers  
 (c) software installation



**DIVISION 63 INFORMATION SERVICE ACTIVITIES**

This division includes the activities of web search portals, data processing and hosting activities, as well as other activities that primarily supply information.

**GROUP 631 Data processing, hosting and related activities; web portals**

This group includes the provision of infrastructure for hosting, data processing services and related activities, as well as the provision of search facilities and other portals for the Internet.

**GROUP 639 Other information service activities**

This group includes the activities of news agencies, and all other remaining information service activities.



**DIVISION 63 : INFORMATION SERVICE ACTIVITIES**  
**Group 631 : Data processing, hosting and related activities; web portals**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6311		<b>Data processing, hosting and related activities</b>	
	63111	Activities of providing infrastructure for hosting, data processing services and related activities <sup>(1)</sup>	72300p, 72400p
	63112	Data processing activities <sup>(2)</sup>	72300p, 72400p
6312		<b>Web portals</b>	
	63120	Web portals <sup>(3)</sup>	64203p

(1) **Includes:** web hosting, streaming services or application hosting, application service provisioning, general time-share mainframe facilities to clients

(2) **Includes:** complete processing and specialized reports from data supplied by clients or providing automated data processing and data entry services

(3) **Includes:** operation of web sites that use a search engine to generate and maintain extensive databases of Internet addresses and content in an easily searchable format. Operation of other websites that act as portals to the Internet, such as media sites providing periodically updated content



**DIVISION 63 : INFORMATION SERVICE ACTIVITIES**  
**Group 639 : Other information service activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6391 <sup>(1)</sup>		<b>News agency activities</b>	
	63910	News syndicate and news agency activities	92201, 92209p
6399 <sup>(2)</sup>		<b>Other information service activities n.e.c.</b>	
	63990	Other information service activities n.e.c.	74991p, 74999p

(1) **Includes:** news syndicate and news agency activities furnishing news, pictures and features to the media (e.g. Bernama)

**Excludes:** (a) activities of independent and photojournalists, see 74200  
 (b) activities of independent journalists, see 90005  
 (c) activities of libraries and archives, see 9101

(2) **Includes:** (a) telephone based information services  
 (b) information search services on a contract or fee basis  
 (c) news clipping services, press clipping services, etc.

**Excludes:** activities of call centres, see 82200



**K**

**FINANCIAL AND  
INSURANCE/TAKAFUL  
ACTIVITIES**

- 64 Financial service activities, except insurance/takaful and pension funding
- 65 Insurance/takaful, reinsurance/retakaful and pension funding, except compulsory social security
- 66 Activities auxiliary to financial service and insurance/takaful activities

**K**

**SECTION K : FINANCIAL AND INSURANCE/TAKAFUL ACTIVITIES**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	3
GROUP	10
CLASS	18
ITEM	64

This section includes financial service activities, including insurance, reinsurance, takaful, retakaful and pension funding activities, and activities to support financial services.

This section also includes the activities of holding assets, such as activities of holding companies and the activities of trusts, funds and similar financial entities.

**DIVISION 64 FINANCIAL SERVICE ACTIVITIES, EXCEPT INSURANCE/TAKAFUL AND PENSION FUNDING**

This division includes the activities of obtaining and redistributing funds other than for the purpose of insurance/takaful or pension funding or compulsory social security.

**GROUP 641 Monetary intermediation**

This group includes the obtaining of funds in the form of transferable deposits, i.e. funds that are fixed in money terms, and obtained on a day-to-day basis and, apart from central banking, obtained from non-financial sources.

**GROUP 642 Activities of holding companies**

This group includes the activities of holding companies, i.e. units that hold the assets (owning controlling-levels of equity) of a group of subsidiary corporations and whose principal activity owns the group. The holding companies in this group do not provide any other service to the businesses in which the equity is held, i.e. they do not administer or manage other units.

**GROUP 643 Trusts, funds and similar financial entities**

This group includes legal entities organized to pool securities or other financial assets, without managing, on behalf of shareholders or beneficiaries. The portfolios are customized to achieve specific investment characteristics, such as diversification, risk, rate of return, and price volatility. These entities earn interest, dividends, and other property income, but have little or no employment and no revenue from the sale of services.

**GROUP 649 Other financial service activities, except insurance/takaful and pension funding activities**

This group includes financial service activities other than those conducted by monetary institutions.



**DIVISION 64 : FINANCIAL SERVICE ACTIVITIES, EXCEPT INSURANCE/TAKAFUL AND PENSION FUNDING**

**Group 641 : Monetary intermediation**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6411		<b>Central banking</b>	
	64110	Central banking	65110
6419 <sup>(1)</sup>		<b>Other monetary intermediation</b>	
	64191	Commercial Banks	65191p
	64192	Islamic Banks	65191p
	64193	Offshore Banks <sup>(2)</sup>	65192
	64194	Investment Banks	65193
	64195	Development financial institutions (with deposits taking functions) <sup>(3)</sup>	65196, 65197
	64199	Other monetary intermediation (with deposits taking functions) n.e.c.	65194, 65195, 65199p, 67199p

(1) **Excludes:** (a) non-depository institutions granting credit for house purchase, see 6492  
(b) credit card transaction processing and settlement activities, see 6619

(2) **Includes:** Offshore Islamic Banks

(3) **“Development Financial Institution”** means an institution which carries on any activity, whether for profit or otherwise, with or without any Government funding, with the purpose of promoting development in the industrial, agricultural, commercial or other economic sector, including the provision of capital or other credit facility; and for the purposes of this definition, “development” includes the commencement of any new industrial, agricultural, commercial or other economic venture or the expansion or improvement of any such existing venture.

**“Development Financial Institution With Deposit Taking Functions”** means a development financial institution that is mainly engaged in financial intermediation and that issues liabilities included in the national definition of broad money. Liabilities included in broad money are mainly deposit items e.g. transferable deposits, savings deposits; term deposits, and certificate of deposits.

**“Development Financial Institution Without Deposit Taking Functions”** are other development financial institutions that are not classified in the above.



**DIVISION 64 : FINANCIAL SERVICE ACTIVITIES, EXCEPT INSURANCE/TAKAFUL AND PENSION FUNDING**

**Group 642 : Activities of holding companies**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6420 <sup>(1)</sup>		<b>Activities of holding companies</b>	
	64200	Activities of holding companies	65991p

(1) **Includes:** the activities of holding companies, i.e. units that hold the assets (owning controlling-levels of equity) of a group of subsidiary corporations and whose principal activity owns the group. The holding companies in this class do not provide any other service to the businesses in which the equity is held, i.e. they do not administer or manage other units

**Excludes:** active management of companies and enterprises, strategic planning and decision making of the company, see 70100, 7020



**DIVISION 64 : FINANCIAL SERVICE ACTIVITIES, EXCEPT INSURANCE/TAKAFUL AND PENSION FUNDING****Group 643 : Trusts, funds and similar financial entities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6430 <sup>(1)</sup>		Trusts, funds and similar financial entities	
	64301	Venture capital companies <sup>(2)</sup>	65992p, 65994p
	64302	Unit trust fund excludes REITs	65994p
	64303	Property unit trust (REITs)	65994p
	64304	Other administration of trusts accounts	n.c.
	64309	Trusts, funds and similar financial entities n.e.c.	n.c.

- (1) **Excludes:** (a) funds and trusts that earn revenue from the sale of goods or services, see MSIC class according to their principal activity  
 (b) activities of holding companies, see 64200  
 (c) pension funding, see 65301  
 (d) management of funds, see 6630

- (2) **Includes:** venture capital fund



**DIVISION 64 : FINANCIAL SERVICE ACTIVITIES, EXCEPT INSURANCE/TAKAFUL AND PENSION FUNDING**

**Group 649 : Other financial service activities, except insurance/takaful and pension funding activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>6491<sup>(1)</sup></b>		<b>Financial leasing</b>	
	64910	Financial leasing activities <sup>(2)</sup>	65910
<b>6492<sup>(3)</sup></b>		<b>Other credit granting</b>	
	64921	Development financial institutions (without deposits taking functions) <sup>(4)</sup>	65929p
	64922	Credit card services	65922
	64923	Licensed money lending activities	n.c.
	64924	Pawnshops and pawnbrokers includes Ar-Rahnu	52403, 65929p
	64925	Co-operative with credits functions	65191p
	64929	Other credit granting n.e.c.	65929p

**K**

- (1) **Excludes:** operational leasing, see division 77, according to type of goods leased
- (2) **Includes:** leasing where the term approximately covers the expected life of the asset and the lessee acquires substantially all the benefits of its use and takes all the risks associated with its ownership
- (3) **Excludes:** (a) credit granting for house purchase by specialized institutions that also take deposits, see 6419  
(b) operational leasing, see division 77, according to type of goods leased
- (4) **“Development Financial Institution Without Deposit Taking Functions”** are other development financial institutions that are not classified in the **“Development Financial Institution With Deposit Taking Functions”**

**DIVISION 64 : FINANCIAL SERVICE ACTIVITIES, EXCEPT INSURANCE/TAKAFUL AND PENSION FUNDING**  
**Group 649 : Other financial service activities, except insurance/takaful and pension funding activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6499 <sup>(1)</sup>		Other financial service activities, except insurance/takaful and pension funding activities, n.e.c.	
	64991	Factoring companies	65921
	64992	Representative office of foreign banks	n.c.
	64993	Nominee companies	65993p
	64999	Other financial service activities, except insurance/takaful and pension funding n.e.c.	65199p

- (1) **Excludes:**
- (a) financial leasing, see 64910
  - (b) security dealing on behalf of others, see 66121
  - (c) trade, leasing and renting of real estate property, see division 68
  - (d) bill collection without debt buying up, see 82910
  - (e) grant-giving activities by membership organizations, see 94990



**DIVISION 65 INSURANCE/TAKAFUL, REINSURANCE/RETAKAFUL AND PENSION FUNDING, EXCEPT COMPULSORY SOCIAL SECURITY**

This division includes the underwriting annuities and insurance policies/takaful certificates and investing premiums/contributions to build up a portfolio of financial assets to be used against future claims. Provision of direct insurance/takaful and reinsurance/retakaful are included.

**GROUP 651 Insurance/Takaful**

This group includes life insurance/family takaful and life reinsurance/family retakaful with or without a substantial savings element and other non-life insurance/non-family takaful.

**GROUP 652 Reinsurance/Retakaful**

This group includes the activities of assuming all or part of the risk associated with existing insurance policies/takaful certificates originally underwritten by other insurance/takaful carriers.

**GROUP 653 Pension funding and provident funding**

This group includes legal entities (i.e. funds, plans and/or programmed) organized to provide retirement income benefits exclusively for the sponsor's employees or members. This includes pension plans with defined benefits, as well as individual plans where benefits are simply defined through the member's contribution.



**DIVISION 65 : INSURANCE/TAKAFUL, REINSURANCE/RETAKAFUL AND PENSION FUNDING, EXCEPT COMPULSORY SOCIAL SECURITY**  
**Group 651 : Insurance/Takaful**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6511		<b>Insurance/Takaful</b>	
	65111	Life insurance	66010p
	65112	Family takaful	66010p
6512		<b>General insurance</b>	
	65121	General insurance	66031p, 66032p, 66033p, 66034p, 66035p
	65122	General takaful	66031p, 66032p, 66033p, 66034p, 66035p
	65123	Composite insurance	n.c.
	65124	Offshore insurance	n.c.
	65125	Offshore takaful <sup>(1)</sup>	n.c.

(1) **Includes:** International Takaful Operators



DIVISION 65 : INSURANCE/TAKAFUL, REINSURANCE/RETAKAFUL AND PENSION  
FUNDING, EXCEPT COMPULSORY SOCIAL SECURITY

Group 652 : Reinsurance/Retakaful

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CLASS	ITEM	DESCRIPTION	MSIC 2000
6520		Reinsurance/Retakaful	
	65201	Life reinsurance	66010p
	65202	Family retakaful	66010p
	65203	General reinsurance	66031p
	65204	General retakaful	66031p, 66032p, 66033p, 66034p, 66035p
	65205	Composite retakaful	66039p
	65206	Offshore reinsurance	66039p
	65207	Offshore retakaful	66039p

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**DIVISION 65 : INSURANCE/TAKAFUL, REINSURANCE/RETAKAFUL AND PENSION FUNDING, EXCEPT COMPULSORY SOCIAL SECURITY**

**Group 653 : Pension and provident funding**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6530 <sup>(1)</sup>		Pension and provident funding	
	65301	Pension funding <sup>(2)</sup>	66022p
	65302	Provident funding	66021

(1) **Includes:** (a) employee benefit plans  
(b) pension funds and plans  
(c) retirement plans  
(d) non-compulsory social security

**Excludes:** (a) management of pension funds, see 6630  
(b) compulsory social security schemes, see 84300

(2) **Includes:** private annuities



**DIVISION 66 ACTIVITIES AUXILIARY TO FINANCIAL SERVICE AND INSURANCE/  
TAKAFUL ACTIVITIES**

This division includes the provision of services involved in or closely related to financial service activities, but not themselves providing financial services. The primary breakdown of this division is according to the type of financial transaction or funding served.

**GROUP 661 Activities auxiliary to financial service activities, except  
insurance/takaful and pension funding**

This group includes the furnishing of physical or electronic marketplaces for the purpose of facilitating the buying and selling of stocks, stock options, bonds or commodity contracts.

**GROUP 662 Activities auxiliary to insurance/takaful and pension  
funding**

This group includes acting as agents (i.e. brokers) in selling annuities and insurance policies/takaful certificates or providing other employee benefits and insurance/takaful and pension related services such as claims adjustment and third party administration.

**GROUP 663 Fund management activities**

This group includes portfolio and fund management activities on a fee or contract basis, for individuals, businesses and others.

**DIVISION 66 : ACTIVITIES AUXILIARY TO FINANCIAL SERVICE AND INSURANCE/  
TAKAFUL ACTIVITIES**

**Group 661 : Activities auxiliary to financial service activities, except insurance/  
takaful and pension funding**

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>6611</b>		<b>Administration of financial markets</b>	
	66111	Stock exchanges	67110p
	66112	Exchanges for commodity contracts	67110p
	66113	Securities exchange	67110p
	66114	Exchanges for commodity futures contracts	67110p
	66119	Administration of financial markets n.e.c.	67110p
<b>6612<sup>(1)</sup></b>		<b>Security and commodity contracts brokerage</b>	
	66121	Stock, share and bond brokers	67121
	66122	Commodity brokers and dealers	67122
	66123	Gold bullion dealers	67123
	66124	Foreign exchange broker and dealers (Bureaux de change)	67191
	66125	Money-changing services	67199p
	66129	Other financial and commodity futures brokers and dealers	67129
<b>6619<sup>(2)</sup></b>		<b>Other activities auxiliary to financial service activities</b>	
	66191	Investment advisory services	67199p
	66192	Financial consultancy services	67192
	66199	Activities auxiliary to finance n.e.c.	67199p

- (1) **Excludes:** (a) dealing in markets on own account, see 6499  
(b) portfolio management, on a fee or contract basis, see 6630
- (2) **Excludes:** (a) activities of insurance agents and brokers, see 6622  
(b) management of funds, see 6630



**DIVISION 66 : ACTIVITIES AUXILIARY TO FINANCIAL SERVICE AND INSURANCE/  
TAKAFUL ACTIVITIES**

**Group 662 : Activities auxiliary to insurance/takaful and pension funding**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6621 <sup>(1)</sup>		<b>Risk and damage evaluation</b>	
	66211	Insurance adjusting service	67202p
	66212	Takaful adjusting service	67202p
6622		<b>Activities of insurance/takaful agents and brokers</b>	
	66221	Insurance agents	67201p
	66222	Takaful agents	67201p
	66223	Insurance brokers	67201p
	66224	Takaful brokers	67201p
6629 <sup>(2)</sup>		<b>Other activities auxiliary to insurance, takaful and pension funding</b>	
	66290	Other activities auxiliary to insurance, takaful and pension funding <sup>(3)</sup>	67209p

**K**

- (1) **Excludes:** (a) appraisal of real estate, see 6820  
(b) appraisal for other purposes, see 7490  
(c) investigation activities, see 80300
- (2) **Includes:** activities involved in or closely related to insurance, takaful and pension funding (except claims adjusting and activities of insurance agents)  
**Excludes:** marine salvage activities, see 5222
- (3) **Includes:** deposits insurance activities

**DIVISION 66 : ACTIVITIES AUXILIARY TO FINANCIAL SERVICE AND INSURANCE  
ACTIVITIES**

**Group 663 : Fund management activities**

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<b>CLASS</b>	<b>ITEM</b>	<b>DESCRIPTION</b>	<b>MSIC 2000</b>
6630		<b>Fund management activities</b>	
	66301	Management of pension funds	66022p, 67209p
	66302	Assets/portfolio management	67209p
	66303	Unit trust management companies	67209p

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**L**

● **REAL ESTATE ACTIVITIES**

68 Real estate activities

●  
**L**

**SECTION L : REAL ESTATE ACTIVITIES**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	1
GROUP	2
CLASS	2
ITEM	9

This section includes acting as lessors, agents and/or brokers in one or more of the following: selling or buying real estate, renting real estate, providing other real estate services such as appraising real estate or acting as real estate escrow agents. Activities in this section may be carried out on own or leased property and may be done on a fee or contract basis. Also included is the building of structures, combined with maintaining ownership or leasing of such structures.

This section also includes real estate property managers.

**DIVISION 68 REAL ESTATE ACTIVITIES**

This division includes real estate activities with own or leased property and real estate activities on a fee or contract basis.

**GROUP 681 Real estate activities with own or leased property**

This group includes buying, selling, renting and operating of self-owned or leased real estate; provision of homes and furnished or unfurnished flats or apartments for more permanent use, typically on a monthly or annual basis; development of building projects for own operation, i.e. for renting of space in these buildings; subdividing real estate into lots, without land improvement and operation of residential mobile home sites.

**GROUP 682 Real estate activities on a fee or contract basis**

This group includes the provision of real estate activities on a fee or contract basis including real estate related services.



**DIVISION 68 : REAL ESTATE ACTIVITIES**  
**Group 681 : Real estate activities with own or leased property**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6810 <sup>(1)</sup>		<b>Real estate activities with own or leased property</b>	
	68101	Buying, selling, renting and operating of self-owned or leased real estate – residential buildings	70102p
	68102	Buying, selling, renting and operating of self-owned or leased real estate – non-residential buildings <sup>(2)</sup>	70102p, 70200p
	68103	Buying, selling, renting and operating of self-owned or leased real estate – land	70102p
	68104	Development of building projects for own operation, i.e. for renting of space in these buildings <sup>(3)</sup>	70101p
	68109	Real estate activities with own or leased property n.e.c. <sup>(4)</sup>	70101p, 70102p

- (1) **Excludes:** (a) development of building projects for sale, see 41009  
 (b) subdividing and improving of land, see 42906  
 (c) operation of hotel, suite hotels and similar accommodation, see 55101  
 (d) operation of campgrounds, trailer parks and similar accommodation, see 55200  
 (e) operation of workers hotels, rooming houses and similar accommodation, see 55900
- (2) **Includes:** offices, shop houses, industrial units, exhibition halls, space in theatres, self-storage facilities, malls and shopping centers
- (3) **Includes:** providing of homes and flats, apartments or condominiums for more permanent use (monthly or annual)
- (4) **Includes:** (a) provision of space for animal boarding only  
 (b) operation of government owned  
 (c) subdividing real estate into lots, without land improvement  
 (d) operation of residential mobile home sites



**DIVISION 68 : REAL ESTATE ACTIVITIES**  
**Group 682 : Real estate activities on a fee or contract basis**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6820 <sup>(1)</sup>		<b>Real estate activities on a fee or contract basis</b>	
	68201	Activities of real estate agents and brokers for buying, selling and renting of real estate	70200p
	68202	Management of real estate on a fee or contract basis	70200p
	68203	Appraisal services for real estate <sup>(2)</sup>	70200p
	68209	Real estate activities on a fee or contract basis n.e.c. <sup>(3)</sup>	70200p

- (1) **Excludes:** (a) legal activities, see 69100  
 (b) facilities support services, see 81100  
 (c) management of facilities, such as military bases, prisons and other facilities (except computer facilities management), see 81100
- (2) **Includes:** real estate escrow agents
- (3) **Includes:** operation of occupied buildings



**M**

**PROFESSIONAL, SCIENTIFIC  
AND TECHNICAL ACTIVITIES**

- 69 Legal and accounting activities
- 70 Activities of head offices; management consultancy activities
- 71 Architectural and engineering activities; technical testing and analysis
- 72 Scientific research and development
- 73 Advertising and market research
- 74 Other professional, scientific and technical activities
- 75 Veterinary activities

**M**

**SECTION M : PROFESSIONAL, SCIENTIFIC AND  
TECHNICAL ACTIVITIES**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	7
GROUP	14
CLASS	14
ITEM	36

This section includes specialized professional, scientific and technical activities. These activities require a high degree of training, and make specialized knowledge and skills available to users.

This section includes legal and accounting activities, activities of head offices, management consultancy activities, architecture and engineering activities, technical testing and analysis, scientific research and development, advertising and market research, other professional, scientific and technical activities, veterinary activities.

**DIVISION 69    LEGAL AND ACCOUNTING ACTIVITIES**

This division includes legal representation of one party's interest against another party, whether or not before courts or other judicial bodies by, or under supervision of, persons who are members of the bar, such as advice and representation in civil cases, advice and representation in criminal actions, advice and representation in connection with labour disputes. It also includes preparation of legal documents such as articles of incorporation, partnership agreements or similar documents in connection with company formation, patents and copyrights, preparation of deeds, wills, trusts, etc. as well as other activities of notaries public, civil law notaries, bailiffs, arbitrators, examiners and referees. It also includes accounting and bookkeeping services such as auditing of accounting records, preparing financial statements and bookkeeping.



**GROUP 691    Legal activities**

This group includes legal representation of one party's interest against another party, whether or not before courts or other judicial bodies by, or under supervision of, persons who are members of the bar; general counseling and advising, preparation of legal documents and other activities of notaries public, civil law notaries, bailiffs, arbitrators and examiners and referees.

**GROUP 692 Accounting, bookkeeping and auditing activities; tax consultancy**

This group includes recording of commercial transactions from businesses or others, preparation or auditing of financial accounts, examination of accounts and certification of their accuracy, preparation of personal and business income tax returns and advisory activities and representation on behalf of clients before tax authorities.



**DIVISION 69 : LEGAL AND ACCOUNTING ACTIVITIES**  
**Group 691 : Legal activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
6910 <sup>(1)</sup>		Legal activities	
	69100	Legal activities	74110

- (1) **Includes:**
- (a) legal representation of one party's interest against another party, whether or not before courts or other judicial bodies by, or under supervision of, persons who are members of the bar:
    - advise and representation in civil cases
    - advice and representation in criminal cases
    - advice and representation in connection with labour disputes
  - (b) general counselling and advising, preparation of legal documents:
    - articles of incorporation, partnership agreements or similar documents in connection with company formation
    - patents and copyrights
    - preparation of deeds, wills, trusts, etc.
  - (c) other activities of notaries public, civil law notaries, bailiffs, arbitrators, examiners and referees

**Excludes:** law court activities, see 84235



DIVISION 69 : LEGAL AND ACCOUNTING ACTIVITIES  
 Group 692 : Accounting, bookkeeping and auditing activities; tax consultancy

CLASS	ITEM	DESCRIPTION	MSIC 2000
6920 <sup>(1)</sup>		Accounting, bookkeeping and auditing activities; tax consultancy	
	69200	Accounting, bookkeeping and auditing activities; tax consultancy	74120

(1) **Includes:** activities involving the recording of commercial transactions from businesses or others, the preparation or auditing of financial accounts, the examination of accounts and the certification of their accuracy and the preparation of personal and business income tax returns. **Included** are related advisory activities and representation (other than legal representation) on behalf of clients before tax authorities

**Excludes:** (a) data-processing and tabulation activities, see item 63112  
 (b) management consultancy such as design of accounting systems, cost accounting programs, budgetary control procedures, see item 70209  
 (c) bill collection, see 82910



**DIVISION 70 ACTIVITIES OF HEAD OFFICES; MANAGEMENT CONSULTANCY ACTIVITIES**

This division includes the provision of advice and assistance to businesses and other organizations on management issues, such as strategic and organizational planning; financial planning and budgeting; marketing objectives and policies; human resource policies, practices, and planning; production scheduling; and control planning. It also includes the overseeing and managing of other units of the same company or enterprise, i.e. the activities of head offices.

**GROUP 701 Activities of head offices**

This group includes the overseeing and managing of other units of the company or enterprise; undertaking the strategic or organizational planning and decision making role of the company or enterprise; exercising operational control and manage the day-to-day operations of their related units.

**GROUP 702 Management consultancy activities**

This group includes the provision of advice, guidance and operational assistance to businesses and other organizations on management issues, such as strategic and organizational planning; decision areas that are financial in nature; marketing objectives and policies; human resource policies, practices and planning; production scheduling and control planning.

This provision of business services may include advice, guidance or operational assistance to businesses and the public service regarding public relations and communication; lobbying activities; design of accounting methods or procedures, cost accounting programmed, budgetary control procedures and advice and help to businesses and public services in planning, organization, efficiency and control, management information, etc.



**DIVISION 70 : ACTIVITIES OF HEAD OFFICES; MANAGEMENT CONSULTANCY  
ACTIVITIES**

**Group 701 : Activities of head offices**

CLASS	ITEM	DESCRIPTION	MSIC 2000
7010 <sup>(1)</sup>		Activities of head offices	
	70100	Activities of head offices	n.c.

(1) **Includes:** the overseeing and managing of other units of the company or enterprise; it exercise operational control and manage day-to-day operations of their related units; it includes: head offices, centralized administrative offices, corporate offices, district and regional offices and subsidiary management offices

**Excludes:** activities of holding companies, not engaged in managing, see 64200



**DIVISION 70 : ACTIVITIES OF HEAD OFFICES; MANAGEMENT CONSULTANCY ACTIVITIES**

**Group 702 : Management consultancy activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
7020 <sup>(1)</sup>		<b>Management consultancy activities</b>	
	70201	Business management consultancy services	74142
	70202	Human resource consultancy services <sup>(2)</sup>	74149p
	70203	Consultancy services in public relation and communications	74143
	70209	Other management consultancy activities n.e.c. <sup>(3)</sup>	74149p, 74141p, 74144

- (1) **Excludes:**
- (a) design of computer software for accounting systems, see 62010
  - (b) legal advice and representation, see 69100
  - (c) accounting, bookkeeping and auditing activities, tax consulting, see 69200
  - (d) architectural, engineering and other technical advisory activities, see 71101, 71102, 74909
  - (e) advertising activities, see 73100
  - (f) market research and public opinion polling, see 73200
  - (g) executive placement or search consulting services, see 78100
  - (h) educational consulting activities, see 85500

- (2) **Includes:** labour recruitment and provision of personnel service

- (3) **Includes:**
- (a) estate management consultancy services
  - (b) project management consultancy services
  - (c) general management consultancy services
  - (d) design of accounting methods and procedures, cost accounting programmes, budgetary control procedures



**DIVISION 71 ARCHITECTURAL AND ENGINEERING ACTIVITIES; TECHNICAL TESTING AND ANALYSIS**

This division includes the provision of architectural services, engineering services, drafting services, building inspection services and surveying and mapping services. It also includes the performance of physical, chemical, and other analytical testing services.

**GROUP 711 Architectural and engineering activities and related technical consultancy**

This group includes the provision of architectural services, engineering services, drafting services, building inspection services and surveying and mapping services and the like.

**GROUP 712 Technical testing and analysis**

This group includes the performance of physical, chemical and other analytical testing of all types of materials and products; certification of products, including consumer goods, motor vehicles, aircraft, pressurized containers, nuclear plants, etc.; periodic road-safety testing of motor vehicles; testing with use of models or mock-ups (e.g. of aircraft, ships, dams, etc.); operation of police laboratories.



**DIVISION 71 : ARCHITECTURAL AND ENGINEERING ACTIVITIES; TECHNICAL TESTING AND ANALYSIS**  
**Group 711 : Architectural and engineering activities and related technical consultancy**

CLASS	ITEM	DESCRIPTION	MSIC 2000
7110 <sup>(1)</sup>		<b>Architectural and engineering activities and related technical consultancy</b>	
	71101	Architectural services <sup>(2)</sup>	74211
	71102	Engineering services <sup>(3)</sup>	74212p

- (1) **Excludes:** (a) test drilling in connection with mining operations, see 09101, 09900  
 (b) development or publishing of associated software, see 58201, 62010  
 (c) activities of computer consultants, see 62021, 6209  
 (d) technical testing, see 71200  
 (e) research and development activities related to engineering, see 72102  
 (f) industrial design, see 74109  
 (g) interior decorating, see 74101  
 (h) aerial photography, see 74200
- (2) **Includes:** architectural consulting activities which concerns building design and drafting and often supervision of construction, town and city planning and landscape architecture
- (3) **Includes:** (a) engineering design (i.e. applying physical laws and principles of engineering in the design of machines, materials, instruments, structures, processes and systems) and consulting activities for:
- machinery, industrial processes and industrial plant
  - projects involving civil engineering, hydraulic engineering, traffic engineering
  - water management projects
  - projects elaboration and realization relative to electrical and electronic engineering, mining engineering, chemical engineering, mechanical, industrial and systems engineering, safety engineering
  - project management activities related to construction
- (b) elaboration of projects using air conditioning, refrigeration, sanitary and pollution control engineering, acoustical engineering, etc.



**DIVISION 71 : ARCHITECTURAL AND ENGINEERING ACTIVITIES; TECHNICAL TESTING AND ANALYSIS**  
**Group 711 : Architectural and engineering activities and related technical consultancy**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	71103	Land surveying services <sup>(1)</sup>	74213p
	71109	Other architectural and engineering activities and related technical consultancy n.e.c.	74219p

- (1) **Includes:**
- (a) geodetic surveying activities such as land and boundary surveying activities, cartographic and spatial information activities
  - (b) geophysical, geologic, seismic surveying, hydrological surveying activities and subsurface surveying activities
- Excludes:** test drilling and test hole boring in connection with petroleum and gas extraction which is classified in item 09101 oil and gas extraction service activities provided on a fee or contract basis



**DIVISION 71 : ARCHITECTURAL AND ENGINEERING ACTIVITIES; TECHNICAL TESTING AND ANALYSIS**

**Group 712 : Technical testing and analysis**

CLASS	ITEM	DESCRIPTION	MSIC 2000
7120		Technical testing and analysis	
	71200	Technical testing and analysis <sup>(1)</sup>	74220, 75231p

- (1) **Includes:**
- (a) performance of physical, chemical and other analytical testing of all types of materials and products:
    - acoustics and vibration testing
    - testing of composition and purity of minerals, etc.
    - testing activities in the field of food hygiene, including veterinary testing and control in relation to food production
    - testing of physical characteristics and performance of materials, such as strength, thickness, durability, electrical conductivity, radioactivity, etc.
    - qualification and reliability testing
    - performance testing of complete machinery: motors, automobiles, electronic equipment whether or not with the use of models or mock-ups of ships, aircraft, dams, etc.
    - radiographic testing of welds and joints
    - failure analysis
    - testing and measuring of environmental indicators: air and water pollution, etc.
  - (b) certification of products, including consumer goods, motor vehicles, aircraft, pressurized containers, nuclear plants, etc.
  - (c) testing of textiles
  - (d) operation of police laboratories
  - (e) non-medical laboratory testing
  - (f) periodic road-safety testing of motor vehicles
- Excludes:**
- (a) testing of animal specimens, see 75000
  - (b) medical laboratory testing, see 86902



**DIVISION 72 SCIENTIFIC RESEARCH AND DEVELOPMENT**

This division includes the activities of three types of research and development: (1) basic research such as experimental or theoretical work undertaken primarily to acquire new knowledge of the underlying foundations of phenomena and observable facts, without particular application or use in view, (2) applied research: original investigation undertaken in order to acquire new knowledge, directed primarily towards a specific practical aim or objective and (3) experimental development: systematic work, drawing on existing knowledge gained from research and/or practical experience, directed to producing new materials, products and devices, to installing new processes, systems and services, and to improving substantially those already produced or installed.

Research and experimental development activities in this division are subdivided into two categories: natural sciences and engineering; social sciences and the humanities.

**GROUP 721 Research and experimental development on natural sciences and engineering**

This group includes research and experimental development on natural science and engineering such as research and development on natural sciences, research and development on engineering and technology, research and development on medical sciences, research and development on biotechnology, research and development on agricultural sciences and interdisciplinary research and development, predominantly on natural sciences and engineering.

**GROUP 722 Research and experimental development on social sciences and humanities**

This group includes research and development on social sciences; research and development on humanities; interdisciplinary research and development, predominantly on social sciences and humanities.



**DIVISION 72 : SCIENTIFIC RESEARCH AND DEVELOPMENT**  
**Group 721 : Research and experimental development on natural sciences and engineering**

CLASS	ITEM	DESCRIPTION	MSIC 2000
7210		<b>Research and experimental development on natural science and engineering</b>	
	72101	Research and development on natural sciences <sup>(1)</sup>	73101, 73102
	72102	Research and development on engineering and technology <sup>(2)</sup>	73103p
	72103	Research and development on medical sciences <sup>(3)</sup>	73105
	72104	Research and development on biotechnology	73109p
	72105	Research and development on agricultural sciences	73104
	72106	Research and development on Information Communication Technology (ICT)	73103p
	72109	Research and development on other natural science and engineering n.e.c. <sup>(4)</sup>	73109p

- (1) **Includes:** research and experimental development services on chemistry and biology
- (2) **Excludes:** research and development on Information Communication Technology (ICT), see 72106
- (3) **Includes:** research and development for pharmaceuticals and biotech pharmaceuticals
- (4) **Includes:** interdisciplinary research and development, predominantly on natural sciences and engineering



DIVISION 72 : SCIENTIFIC RESEARCH AND DEVELOPMENT  
 Group 722 : Research and experimental development on social sciences and humanities

CLASS	ITEM	DESCRIPTION	MSIC 2000
7220 <sup>(1)</sup>		Research and experimental development on social sciences and humanities	
	72201	Research and development on social sciences	73201, 73203
	72202	Research and development on humanities	73202, 73204
	72209	Research and development of other social sciences and humanities n.e.c.	73209

(1) **Excludes:** market research, see 73200



**DIVISION 73 ADVERTISING AND MARKET RESEARCH**

This division includes the creation of advertising campaigns and placement of such advertising in periodicals, newspapers, radio and television, or other media as well as the design of display structures and sites.

**GROUP 731 Advertising**

This group includes the provision of a full range of advertising services (i.e. through in-house capabilities or subcontracting), including advice, creative services, and production of advertising material, media planning and buying.

**GROUP 732 Market research and public opinion polling**

This group includes investigation into market potential, acceptance and familiarity of products and buying habits of consumers for the purpose of sales promotion and development of new products, including statistical analyses of the results; investigation into collective opinions of the public about political, economic and social issues and statistical analysis thereof.



**DIVISION 73 : ADVERTISING AND MARKET RESEARCH****Group 731 : Advertising**

CLASS	ITEM	DESCRIPTION	MSIC 2000
7310		<b>Advertising</b>	
	73100	Advertising <sup>(1)</sup>	74300

- (1) **Includes:**
- (a) creation and realization of advertising campaigns (creating and placing advertising in newspapers, periodicals, radio, television, the Internet and other media; creating and placing of 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; aerial advertising; distribution or delivery of advertising material or samples; provision of advertising space on billboards, etc.; creation of stands and other display structures and sites)
  - (b) conducting marketing campaigns and other advertising services aimed at attracting and retaining customers (promotion of products; point-of-sale marketing; direct mail advertising; marketing consulting)

- Excludes:**
- (a) publishing of advertising material, see 58190
  - (b) production of commercial messages for radio, television and film, see 59110
  - (c) public-relations activities, see 70203
  - (d) market research, see 73200
  - (e) advertising photography, see 74200
  - (f) convention and trade show organizers, see 82301
  - (g) direct mailing activities (addressing, pre-sorting, etc.), see 82990



DIVISION 73 : ADVERTISING AND MARKET RESEARCH  
Group 732 : Market research and public opinion polling

CLASS	ITEM	DESCRIPTION	MSIC 2000
7320		Market research and public opinion polling	
	73200	Market research and public opinion polling <sup>(1)</sup>	74130

(1) **Includes:** investigation into market potential, acceptance and familiarity of products and buying habits of consumers for the purpose of sales promotion and development of new products, including statistical analyses of the results; investigation into collective opinions of the public about political, economic and social issues and statistical analysis thereof



**DIVISION 74 OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES**

This division includes the provision of professional scientific and technical services (except legal and accounting activities; architecture and engineering activities; technical testing and analysis; management and management consultancy activities; research and development and advertising activities).

Writers who prepare technical manuals or other material containing technical content are classified in class 7490.

**GROUP 741 Specialized design activities**

This group includes fashion design related to textiles, wearing apparel, shoes, jewellery, furniture and other interior decoration and other fashion goods as well as other personal or household goods; industrial design, i.e. creating and developing designs and specifications that optimize the use, value and appearance of products, including the determination of the materials, construction, mechanism, shape, colour and surface finishes of the product, taking into consideration human characteristics and needs, safety, market appeal and efficiency in production, distribution, use and maintenance; services of graphic designers; activities of interior decorators.

**GROUP 742 Photographic activities**

This group includes commercial and consumer photograph production such as portrait photography for passports, schools, weddings, etc., photography for commercials, publishers, fashion, real estate or tourism purposes, aerial photography and videotaping of events: weddings, meetings, etc.; film processing such as developing, printing and enlarging from client-taken negatives or cine-films, film developing and photo printing laboratories, one hour photo shops (not part of camera stores), mounting of slides and copying and restoring or transparency retouching in connection with photographs; activities of photojournalists; microfilming of documents.

**GROUP 749 Other professional, scientific and technical activities n.e.c.**

This group includes a great variety of service activities generally delivered to commercial clients. It includes those activities for which more advanced professional, scientific and technical skill levels are required, but does not include ongoing, routine business functions that are generally of short duration.

M

**DIVISION 74 : OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES****Group 741 : Specialized design activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
7410 <sup>(1)</sup>		<b>Specialized design activities</b>	
	74101	Activities of interior decorators	74999p
	74102	Services of graphic designers	74999p
	74103	Fashion design services <sup>(2)</sup>	74999p
	74109	Specialized design activities n.e.c. <sup>(3)</sup>	74999p

- (1) **Excludes:** (a) design and programming of web pages, see 62010  
 (b) architectural design, see 71101  
 (c) engineering design, i.e. applying physical laws and principles of engineering in the design of machines, materials, instruments, structures, processes and systems, see 71102
- (2) **Includes:** fashion design related to textiles, wearing apparel, shoes, jewellery, furniture and other interior decoration and other fashion goods as well as other personal or household goods
- (3) **Includes:** industrial design activities industrial design, i.e. creating and developing designs and specifications that optimize the use, value and appearance of products, including the determination of the materials, construction, mechanism, shape, colour and surface finishes of the product, taking into consideration human characteristics and needs, safety, market appeal and efficiency in production, distribution, use and maintenance



DIVISION 74 : OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES  
 Group 742 : Photographic activities

CLASS	ITEM	DESCRIPTION	MSIC 2000
7420 <sup>(1)</sup>		Photographic activities	
	74200	Photographic activities <sup>(2)</sup>	74940, 92202

- (1) **Excludes:**
- (a) processing motion picture film related to the motion picture and television industries, see 59120
  - (b) cartographic and spatial information activities, see 71109
- (2) **Includes:**
- (a) commercial and consumer photograph production such as portrait photography for passports, schools, weddings, etc.; photography for commercials, publishers, fashion, real estate, advertising or tourism purposes; aerial photography; video taping of events: weddings, meetings, etc.
  - (b) film processing such as developing, printing and enlarging from client-taken negatives or cine-films; film developing and photo printing laboratories; one hour photo shops (not part of camera stores); mounting of slides; copying and restoring or transparency retouching in connection with photographs
  - (c) activities of photojournalists including independent photojournalists
  - (d) microfilming of documents



## DIVISION 74 : OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES

Group 749 : Other professional, scientific and technical activities n.e.c.

CLASS	ITEM	DESCRIPTION	MSIC 2000
7490 <sup>(1)</sup>		<b>Other professional, scientific and technical activities n.e.c.</b>	
	74901	Translation and interpretation activities	74999p
	74902	Business brokerage activities <sup>(2)</sup>	74999p, 63091p
	74903	Security consulting	74920p
	74904	Activities of quantity surveyors	74213p

- (1) **Excludes:**
- (a) wholesale of used motor vehicles by auctioning, see 45102, 45104
  - (b) online auction activities (retail), see 47914
  - (c) activities of auctioning houses (retail), see 47999
  - (d) activities of real estate brokers, see 68201
  - (e) bookkeeping activities, see 69200
  - (f) activities of management consultants, see 70201
  - (g) activities of architecture see 71101 and engineering consultants, see 71102
  - (h) engineering design activities, see 71102
  - (i) land surveying services, see 71103
  - (j) display of advertisement and other advertising design, see 73100
  - (k) creation of stands and other display structures and sites, see 73100
  - (l) industrial design activities, see 7410
  - (m) activities of convention and trade show organizers, see 82301
  - (n) activities of independent auctioneers, see 82990
  - (o) administration of loyalty programmers, see 82990
  - (p) consumer credit and debt counselling, see 88901
  - (q) activities of authors of scientific and technical books, see 90004
  - (r) activities of independent journalists, see 90005
- (2) **Includes:**
- (a) arranging for the purchase and sale of small and medium-sized businesses, including professional practices, but not including real estate brokerage
  - (b) patent brokerage activities
  - (c) appraisal activities
  - (d) bill auditing and freight rate information



**DIVISION 74 : OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES**  
**Group 749 : Other professional, scientific and technical activities n.e.c.**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	74905	Activities of consultants other than architecture, engineering and management consultants <sup>(1)</sup>	74141p, 74219p, 74999p
	74909	Any other professional, scientific and technical activities n.e.c. <sup>(2)</sup>	74999p

- (1) **Includes:**
- (a) weather forecasting activities
  - (b) agronomy consulting/activities of agronomists, agricultural economists
  - (c) environmental consulting
- (2) **Includes:**
- (a) writers who prepare technical manuals or other material containing technical content
  - (b) activities carried on by agents and agencies on behalf of individuals usually involving the obtaining of engagements in motion picture, theatrical production or other entertainment or sports attractions and the placement of books, plays, artworks, photographs, etc., with publishers, producers, etc.
  - (c) activities of personal theatrical or artistic agents or agencies



**DIVISION 75 VETERINARY ACTIVITIES**

This division includes the provision of animal health care and control activities for farm animals or pet animals. These activities are carried out by qualified veterinarians in veterinary hospitals as well as when visiting farms, kennels or homes, in own consulting and surgery rooms or elsewhere. It also includes animal ambulance activities.

**GROUP 750 Veterinary activities**

This group includes animal health care and control activities for farm animals and animal health care and control activities for pet animals. These activities are carried out by qualified veterinarians when working in veterinary hospitals as well as when visiting farms, kennels or homes, in own consulting and surgery rooms or elsewhere.

This group also includes activities of veterinary assistants or other auxiliary veterinary personnel, clinico-pathological and other diagnostic activities pertaining to animals and animal ambulance activities.



## DIVISION 75 : VETERINARY ACTIVITIES

## Group 750 : Veterinary activities

CLASS	ITEM	DESCRIPTION	MSIC 2000
7500 <sup>(1)</sup>		<b>Veterinary activities</b>	
	75000	Veterinary activities	85200

- (1) **Includes:**
- (a) animal health care and control activities for farm animals
  - (b) animal health care and control activities for pet animals. These activities are carried out by qualified veterinarians when working in veterinary hospitals as well as when visiting farms, kennels or homes, in own consulting and surgery rooms or elsewhere
  - (c) activities of veterinary assistants or other auxiliary veterinary personnel
  - (d) clinico-pathological and other diagnostic activities pertaining to animals
  - (e) animal ambulance activities
  - (f) testing of animal specimens
- Excludes:**
- (a) farm animal boarding activities without health care, see 01620
  - (b) sheep shearing, see 01620
  - (c) herd testing services, droving services, agistment service, poultry caponizing, see 01620
  - (d) activities related to artificial insemination, see 01620
  - (e) pet animal boarding activities without health care, see 96094



**N**

**ADMINISTRATIVE AND  
SUPPORT SERVICE  
ACTIVITIES**

- 77 Rental and leasing activities
- 78 Employment activities
- 79 Travel agency, tour operator, reservation service and related activities
- 80 Security and investigation activities
- 81 Services to buildings and landscape activities
- 82 Office administrative, office support and other business support activities

**N**

**SECTION N : ADMINISTRATIVE AND SUPPORT  
SERVICE ACTIVITIES**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	6
GROUP	19
CLASS	26
ITEM	58

This section includes a variety of activities that support general business operations. These activities differ from those in section M, since their primary purpose is not the transfer of specialized knowledge.

This section includes rental and leasing activities, employment activities, travel agency, tour operator and other reservation service activities, security and investigation activities, services to buildings and landscape activities, office administrative, office support and other business support activities.

**DIVISION 77 RENTAL AND LEASING ACTIVITIES**

This division includes the renting and leasing of tangible and non-financial intangible assets, including a wide array of tangible goods, such as automobiles, computers, consumer goods and industrial machinery and equipment to customers in return for a periodic rental or lease payment. It is subdivided into: (1) the renting of motor vehicles, (2) the renting of recreational and sports equipment and personal and household equipment, (3) the leasing of other machinery and equipment of the kind often used for business operations, including other transport equipment and (4) the leasing of intellectual property products and similar products.

Only the provision of operating leases is included in this division. Allowing the use of assets, such as patents, trademarks, brand names, and/or franchise agreements for which a royalty payment or licensing fee is paid to the asset holder is also included in this division.

This division excludes financial leasing activities (see 6491), renting of real estate (see section L) and renting of equipment with operator, see corresponding classes according to activities carried out with this equipment, e.g. construction (section F), transportation (section H).



**GROUP 771 Renting and leasing of motor vehicles**

This group includes renting and operational leasing of the following types of vehicles such as passenger cars (without drivers) and trucks, utility trailers and recreational vehicles.

**GROUP 772 Renting and leasing of personal and household goods**

This group includes the renting of personal and household goods as well as renting of recreational and sports equipment and video tapes. Activities generally include short-term renting goods although in some instances, the goods may be leased for longer periods of time.

**GROUP 773 Renting and leasing of other machinery, equipment and tangible goods**

This group includes renting and operational leasing, without operator, of other machinery and equipment that are generally used as capital goods by industries; renting and operational leasing of land-transport equipment (other than motor vehicles) without drivers; renting and operational leasing of water-transport equipment without operator; renting and operational leasing of air transport equipment without operator; renting and operational leasing of agricultural and forestry machinery and equipment without operator; renting and operational leasing of construction and civil-engineering machinery and equipment without operator; renting and operational leasing of office machinery and equipment without operator; renting of accommodation or office containers, renting of containers, renting of pallets and renting of animals (e.g. herds, race horses).

**GROUP 774 Leasing of intellectual property and similar products, except copyrighted works**

This group includes the activities of allowing others to use intellectual property products and similar products for which a royalty payment or licensing fee is paid to the owner of the product (i.e. the asset holder). The leasing of these products can take various forms, such as permission for reproduction, use in subsequent processes or products, operating businesses under a franchise, etc. The current owners may or may not have created these products.

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**DIVISION 77 : RENTAL AND LEASING ACTIVITIES**  
**Group 771 : Renting and leasing of motor vehicles**

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CLASS	ITEM	DESCRIPTION	MSIC 2000
7710 <sup>(1)</sup>		Renting and leasing of motor vehicles	
	77101	Renting and operational leasing of passenger cars (without driver)	71111
	77102	Renting and operational leasing of trucks, utility trailers and recreational vehicles	71113

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- (1) **Excludes:** (a) renting or leasing of vehicles (see 49225) or trucks (see 49230) with driver  
(b) financial leasing, see 64910



**DIVISION 77 : RENTAL AND LEASING ACTIVITIES**  
**Group 772 : Renting and leasing of personal and household goods**

CLASS	ITEM	DESCRIPTION	MSIC 2000
7721 <sup>(1)</sup>		<b>Renting and leasing of recreational and sports goods</b>	
	77211	Renting and leasing of pleasure boats, canoes, sailboats	71305p
	77212	Renting and leasing of bicycles	71305p
	77213	Renting and leasing of beach chairs and umbrellas	71305p
	77219	Renting and leasing of other sports equipment n.e.c.	71305p
7722		<b>Renting of video tapes and disks</b>	
	77220	Renting of video tapes, records, CDs, DVDs	71303

- (1) **Excludes:**
- (a) renting of video tapes and disks, see 77220
  - (b) rental of other personal and household goods n.e.c., see 77299
  - (c) renting of leisure and pleasure equipment as an integral part of recreational facilities, see 93293



**DIVISION 77 : RENTAL AND LEASING ACTIVITIES**  
**Group 772 : Renting and leasing of personal and household goods**

CLASS	ITEM	DESCRIPTION	MSIC 2000
7729 <sup>(1)</sup>		<b>Renting and leasing of other personal and household goods</b>	
	77291	Renting and leasing of textiles, wearing apparel and footwear	71309p
	77292	Renting and leasing of furniture, pottery and glass, kitchen and tableware, electrical appliances and house wares <sup>(2)</sup>	71309p, 71302, 71301
	77293	Renting and leasing of jewellery, musical instruments, scenery and costumes	71309p
	77294	Renting and leasing of books, journals and magazines	71309p
	77295	Renting and leasing of machinery and equipment used by amateurs or as a hobby <sup>(3)</sup>	71309p
	77296	Renting of flowers and plants	71309p
	77297	Renting and leasing of electronic equipment for household use	71309p
	77299	Renting and leasing of other personal and household goods n.e.c.	71309p, 71304

- (1) **Excludes:** (a) renting of cars, trucks, trailers and recreational vehicles without driver, see 77101  
 (b) renting of recreational and sports goods, see 7721  
 (c) rental of video tapes and disks, see 77220  
 (d) renting of motorcycles and caravans without driver, see 77302  
 (e) renting of office furniture, see 77307  
 (f) provision of linen, work uniforms and related items by laundries, see 96013
- (2) **Includes:** rental of television sets
- (3) **Includes:** tools for home repairs



**DIVISION 77 : RENTAL AND LEASING ACTIVITIES****Group 773 : Renting and leasing of other machinery, equipment and tangible goods**

CLASS	ITEM	DESCRIPTION	MSIC 2000
7730 <sup>(1)</sup>		<b>Renting and leasing of other machinery, equipment and tangible goods</b>	
	77301	Renting and operational leasing, without operator, of other machinery and equipment that are generally used as capital goods by industries <sup>(2)</sup>	71290p
	77302	Renting and operational leasing of land-transport equipment (other than motor vehicles) without drivers <sup>(3)</sup>	71112, 71114, 71119

- (1) **Excludes:** (a) renting of agricultural (see 01610) and forestry (see 02401) machinery or equipment with operator  
 (b) renting of construction and civil engineering machinery or equipment with operator, see division 43  
 (c) renting of water-transport equipment with operator, see division 50  
 (d) renting of air-transport equipment with operator, see division 51  
 (e) financial leasing, see 64910  
 (f) renting of pleasure boats, see 77211  
 (g) renting of bicycles, see 77212

- (2) **Includes:** renting of engines and turbines, renting of machine tools, renting of mining and oilfield equipment, renting of professional radio, renting of television and communication equipment, renting of motion picture production equipment, renting of measuring and controlling equipment, renting of other scientific, commercial and industrial machinery

- (3) **Includes:** renting of motorcycles, railroad vehicles, caravans and campers, etc.


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**DIVISION 77 : RENTAL AND LEASING ACTIVITIES**  
**Group 773 : Renting and leasing of other machinery, equipment and tangible goods**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	77303	Renting and operational leasing of water-transport equipment without operator <sup>(1)</sup>	71121, 71129
	77304	Renting and operational leasing of air transport equipment without operator <sup>(2)</sup>	71130
	77305	Renting and operational leasing of agricultural and forestry machinery and equipment without operator <sup>(3)</sup>	71210
	77306	Renting and operational leasing of construction and civil-engineering machinery and equipment without operator <sup>(4)</sup>	71220
	77307	Rental and operational leasing of office machinery and equipment without operator <sup>(5)</sup>	71230
	77309	Renting and leasing of other machinery, equipment and tangible goods n.e.c. <sup>(6)</sup>	71290p

- (1) **Includes:** renting of commercial boats, ferries, hovercraft and ships
- (2) **Includes:** renting of airplane and helicopters
- (3) **Includes:** renting and operational leasing of agricultural and forestry machinery and equipment without operator (e.g. agricultural tractors, etc.)
- (4) **Includes:** renting and operational leasing of construction and civil-engineering machinery and equipment without operator (e.g. crane lorries), scaffolds and work platforms, without erection and dismantling
- (5) **Includes:** renting of computers and computer peripheral equipment, renting of duplicating machines, typewriters and word processing machines, renting of accounting machinery and equipment (e.g. cash registers, electronic calculators, etc.), renting of office furniture
- (6) **Includes:** renting of accommodation or office containers, renting of containers and renting animal



**DIVISION 77 : RENTAL AND LEASING ACTIVITIES**  
**Group 774 : Leasing of intellectual property and similar products, except copyrighted works**

CLASS	ITEM	DESCRIPTION	MSIC 2000
7740 <sup>(1)</sup>		<b>Leasing of intellectual property and similar products, except copyrighted works</b>	
	77400	Leasing of intellectual property and similar products, except copyrighted works <sup>(2)</sup>	65991p, 65992p, 65993p, 65994p

- (1) **Excludes:**
- (a) acquisition of rights and publishing, see divisions 58, 59
  - (b) producing, reproducing and distributing copyrighted works (e.g. books, software, film), see divisions 58, 59
  - (c) leasing of real estate, see group 681
  - (d) leasing of tangible products (assets), see groups 771, 772, 773
  - (e) renting of video tapes and disks, see 77220
  - (f) renting of books, see 77294
- (2) **Includes:**
- (a) leasing of non-financial intangible assets (except copyrighted works, e.g. books or software)
  - (b) receiving royalties or licensing fee for the use of such as patented entities, trademarks or service marks, brand names, mineral exploration rights, franchise agreements, other intangible non-financial assets



**DIVISION 78 EMPLOYMENT ACTIVITIES**

This division includes activities of listing employment vacancies and referring or placing applicants for employment, where the individuals referred or placed are not employees of the employment agencies, supplying workers to clients' businesses for limited periods of time to supplement the working force of the client, and the activities of providing human resources and human resource management services for others on a contract or fee basis.

This division also includes executive search and placement activities and theatrical casting agencies.

This division excludes activities of agents for individual artists (see 7490).

**GROUP 781 Activities of employment placement agencies**

This group includes listing employment vacancies and referring or placing applicants for employment, where the individuals referred or placed are not employees of the employment agencies.

**GROUP 782 Temporary employment agency activities**

This group includes activities of supplying workers to clients' businesses for limited periods of time to temporarily replace or supplement the working force of the client, where the individuals provided are employees of the temporary help service unit. However, units classified here do not provide direct supervision of their employees at the clients' work sites.

**GROUP 783 Other human resources provision**

This group includes provision of human resources for client businesses. This provision of human resources is typically done on a long-term or permanent basis and the units classified here may perform a wide range of human resource and personnel management duties associated with this provision. The units classified here represent the employer of record for the employees on matters relating to payroll, taxes, and other fiscal and human resource issues, but they are not responsible for direction and supervision of employees.



**DIVISION 78 : EMPLOYMENT ACTIVITIES**  
**Group 781 : Activities of employment placement agencies**

CLASS	ITEM	DESCRIPTION	MSIC 2000
7810 <sup>(1)</sup>		Activities of employment placement agencies	
	78100	Activities of employment placement agencies <sup>(2)</sup>	74910p, 74993p, 92491

- (1) **Excludes:** activities of personal theatrical or artistic agents or agencies, see 74909
- (2) **Includes:**
- (a) listing employment vacancies and referring or placing applicants for employment, where the individuals referred or placed are not employees of the employment agencies
  - (b) personnel search, selection referral and placement activities, including executive placement and search activities
  - (c) activities of casting agencies and bureaus, such as theatrical casting agencies
  - (d) activities of on-line employment placement agencies



**DIVISION 78 : EMPLOYMENT ACTIVITIES**  
**Group 782 : Temporary employment agency activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
7820		Temporary employment agency activities	
	78200	Temporary employment agency activities <sup>(1)</sup>	74910p

- (1) **Includes:** supplying workers to clients' businesses for limited periods of time to temporarily replace or supplement the working force of the client, where the individuals provided are employees of the temporary help service unit but do not provide direct supervision of their employees at the clients' work sites, provision of human resources to temporarily replace or supplement the workforce of the client



DIVISION 78 : EMPLOYMENT ACTIVITIES  
Group 783 : Other human resources provision

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CLASS	ITEM	DESCRIPTION	MSIC 2000
7830 <sup>(1)</sup>		Other human resources provision	
	78300	Provision of human resources for client businesses	74910p

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- (1) Excludes:
- (a) provision of human resources functions together with supervision or running of the business, see the class in the respective economic activity of that business
  - (b) provision of human resources to temporarily replace or supplement the workforce of the client, see 78200



**DIVISION 79 TRAVEL AGENCY, TOUR OPERATOR, RESERVATION SERVICE AND RELATED ACTIVITIES**

This division includes the activity of selling travel, tour, transportation and accommodation services to the general public and commercial clients and the activity of arranging and assembling tours that are sold through travel agencies or directly by agents such as tour operators, as well as other travel-related services including reservation services. The activities of tourist guides and tourism promotion activities are also included.

**GROUP 791 Travel agency and tour operator activities**

This group includes the activities of agencies, primarily engaged in selling travel, tour, transportation and accommodation services to the general public and commercial clients and the activity of arranging and assembling tours that are sold through travel agencies or directly by agents such as tour operators.

**GROUP 799 Other reservation service and related activities**

This group includes provision of other travel-related reservation services such as reservations for transportation, hotels, restaurants, car rentals, entertainment and sport, etc.; provision of time-share exchange services, ticket sales activities for theatrical, sports and other amusement and entertainment events; provision of visitor assistance services such as provision of travel information to visitors and activities of tourist guides; tourism promotion activities.



**DIVISION 79 : TRAVEL AGENCY, TOUR OPERATOR, RESERVATION SERVICE AND RELATED ACTIVITIES**

**Group 791 : Travel agency and tour operator activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
7911		<b>Travel agency activities</b>	
	79110	Travel agency activities <sup>(1)</sup>	63041p
7912		<b>Tour operator activities</b>	
	79120	Tour operator activities <sup>(2)</sup>	63041p

(1) **Includes:** activities of agencies, primarily engaged in selling travel, tour, transportation and accommodation services on a wholesale or retail basis to the general public and commercial clients

(2) **Includes:** the activities of arranging and assembling tours that are sold through travel agencies or directly by tour operators; also includes the activities of tourist guides



**DIVISION 79 : TRAVEL AGENCY, TOUR OPERATOR, RESERVATION SERVICE AND RELATED ACTIVITIES**

**Group 799 : Other reservation service and related activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
7990 <sup>(1)</sup>		<b>Other reservation service and related activities</b>	
	79900	Other reservation service and related activities <sup>(2)</sup>	63042, 63049p, 75137p, 92149p, 92199p, 92419p

- (1) **Excludes:**
- (a) activities of travel agencies see 79110 and tour operators, see 79120
  - (b) organization and management of events such as meetings, conventions and conferences, see 8230
- (2) **Includes:**
- (a) activities of marketing and promoting of services for conventions and visitors by providing information and assistance to organizations to locate accommodation
  - (b) convention centre and entertainment venues
  - (c) condominium time-share exchange services
  - (d) activities of ticket agencies
  - (e) other travel-related reservation services
  - (f) taxi/limousine booking service
  - (g) tourism promotion
  - (h) ticket sales for theatrical, entertainment and sport events



**DIVISION 80 SECURITY AND INVESTIGATION ACTIVITIES**

This division includes security-related services such as: investigation and detective services; guard and patrol services; picking up and delivering money, receipts, or other valuable items with personnel and equipment to protect such properties while in transit; operation of electronic security alarm systems, such as burglar and fire alarms, where the activity focuses on remote monitoring these systems, but often involves also sale, installation and repair services. If the latter components are provided separate, they are excluded from this division and classified in retail sale, construction, etc.

**GROUP 801 Private security activities**

This group includes the provision of one or more of the following: guard and patrol services, picking up and delivering money, receipts or other valuable items with personnel and equipment to protect such properties while in transit.

**GROUP 802 Security systems service activities**

This group includes monitoring or remote monitoring of electronic security alarm systems, such as burglar and fire alarms, including their maintenance and installing, repairing, rebuilding, and adjusting mechanical or electronic locking devices, safes and security vaults.

The units carrying out these activities may also engage in selling such security systems, mechanical or electronic locking devices, safes and security vaults.

**GROUP 803 Investigation activities**

This group includes investigation and detective services, and the activities of all private investigators, independent of the type of client or purpose of investigation.



DIVISION 80 : SECURITY AND INVESTIGATION ACTIVITIES  
Group 801 : Private security activities

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CLASS	ITEM	DESCRIPTION	MSIC 2000
8010 <sup>(1)</sup>		Private security activities	
	80100	Private security activities <sup>(2)</sup>	74920p

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- (1) **Excludes:** public order and safety activities, see 8423
- (2) **Includes:** the provision of one or more of the following: guard and patrol services, picking up and delivering money, receipts or other valuable items with personnel and equipment to protect such properties while in transit (e.g. armored car services, bodyguard services, polygraph services, fingerprinting services and security guard services)



**DIVISION 80 : SECURITY AND INVESTIGATION ACTIVITIES**  
**Group 802 : Security systems service activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8020 <sup>(1)</sup>		Security systems service activities	
	80200	Security systems service activities <sup>(2)</sup>	74920p

- (1) **Excludes:**
- (a) installation of security systems, see 43216
  - (b) selling security systems, mechanical or electronic locking devices, safes and security vaults, without monitoring, installation or maintenance services, see 47597
  - (c) security consultants, see 74903
  - (d) public order and safety activities, see 8423
  - (e) providing key duplication services, see 95299
- (2) **Includes:**
- (a) activities of selling, monitoring or remote monitoring of electronic security alarm systems (e.g. burglar and fire alarms), including their maintenance
  - (b) activities of selling, installing, repairing, rebuilding and adjusting mechanical or electronic locking devices, safes and security vaults



DIVISION 80 : SECURITY AND INVESTIGATION ACTIVITIES  
Group 803 : Investigation activities

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CLASS	ITEM	DESCRIPTION	MSIC 2000
8030		Investigation activities	
	80300	Investigation and detective activities <sup>(1)</sup>	74920p

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(1) **Includes:** activities of all private investigators, independent of the type of client or purpose of investigation



**DIVISION 81 SERVICES TO BUILDINGS AND LANDSCAPE ACTIVITIES**

This division includes the provision of a number of general support services, such as the provision of a combination of support services within a client's facilities, the interior and exterior cleaning of buildings of all types, cleaning of industrial machinery, cleaning of trains, buses, planes, etc., cleaning of the inside of road and sea tankers, disinfecting and exterminating activities for buildings, ships, trains, etc., bottle cleaning, street sweeping, snow and ice removal, provision of landscape care and maintenance services and provision of these services along with the design of landscape plans and/or the construction (i.e. installation) of walkways, retaining walls, decks, fences, ponds, and similar structures.

**GROUP 811 Combined facilities support activities**

This group includes provision of a combination of support services within a client's facility, such as general interior cleaning, maintenance, trash disposal, guard and security, mail routing, reception, laundry and related services to support operations within facilities.

Units classified here provide operating staff to carry out these support activities, but are not involved with or responsible for the core business or activities of the client.

**GROUP 812 Cleaning activities**

This group includes the activities of general interior cleaning of all types of buildings, exterior cleaning of buildings, specialized cleaning activities for buildings or other specialized cleaning activities, cleaning of industrial machinery, cleaning of the inside of road and sea tankers, disinfecting and extermination activities for buildings and industrial machinery, bottle cleaning, street sweeping, snow and ice removal.

This group excludes agricultural pest control (Agriculture), steam-cleaning, sand blasting and similar activities for building exteriors (Construction), carpet and rug shampooing, drapery and curtain cleaning (Other service activities). Cleaning of new buildings immediately after construction is also excluded (Construction).

**GROUP 813 Landscape care and maintenance service activities**

This group includes planting, care and maintenance of parks and gardens for private and public housing, public and semi-public buildings (schools, hospitals, administrative buildings, church buildings, etc.), municipal grounds (parks, green areas, cemeteries, etc.), highway greenery (roads, train lines and tramlines, waterways, ports) and industrial and commercial buildings; greenery for buildings (roof gardens, façade greenery, indoor gardens), sports grounds (e.g. football fields, golf courses, etc.), play grounds, lawns for sunbathing and other recreational parks, stationary and flowing water (basins, alternating wet areas, ponds, swimming pools, ditches, watercourses, plant sewage systems) and

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plants for protection against noise, wind, erosion, visibility and dazzling. Maintenance of land in order to keep it in good ecological condition is also included.



**DIVISION 81 : SERVICES TO BUILDINGS AND LANDSCAPE ACTIVITIES**  
**Group 811 : Combined facilities support activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8110 <sup>(1)</sup>		Combined facilities support activities	
	81100	Combined facilities support activities <sup>(2)</sup>	70200p, 75140p

- (1) **Excludes:**
- (a) provision of only one of the support services (e.g. general interior cleaning services) or addressing only a single function (e.g. heating), see the appropriate class according to the service provided
  - (b) provision of management and operating staff for the complete operation of a client's establishment (e.g. a hotel, restaurant, mine or hospital), see the class of the unit operated
  - (c) provision of on site management and operation of a client's computer systems and/or data processing facilities, see 6202
  - (d) operation of correctional facilities on a contract or fee basis, see 84239
- (2) **Includes:**
- (a) provision of a combination of support services within a client's facility (e.g. general interior cleaning, maintenance, trash disposal, guard and security, mail routing, reception, laundry) and related services to support operations within facilities but not involved with or responsible for the core business or activities of the client, management of facilities, such as military bases, prisons and other facilities (except computer facilities management)
  - (b) operation of government owned or occupied buildings



**DIVISION 81 : SERVICES TO BUILDINGS AND LANDSCAPE ACTIVITIES**  
**Group 812 : Cleaning activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8121 <sup>(1)</sup>		<b>General cleaning of buildings</b>	
	81210	General cleaning of buildings	74931p
8129 <sup>(2)</sup>		<b>Other building and industrial cleaning activities</b>	
	81291	Cleaning of buildings of all types	74931p
	81292	Swimming pool cleaning and maintenance services	74931p
	81293	Cleaning of industrial machinery	n.c.
	81294	Cleaning of trains, buses, planes	50202p
	81295	Cleaning of pest control services not in connection with agriculture	n.c.
	81296	Disinfecting and exterminating activities	74932
	81297	Cleaning of sea tankers	n.c.
	81299	Other building and industrial cleaning activities, n.e.c. <sup>(3)</sup>	74931p, 90002p

(1) **Excludes:** specialized interior cleaning activities (e.g. chimney cleaning, cleaning of fireplaces, stoves, furnaces, incinerators, boilers, ventilation ducts, exhaust units), see 8129

(2) **Excludes:** (a) agriculture pest control, see 01610  
 (b) cleaning of sewers and drains, see 37000  
 (c) automobile cleaning, car wash, see 45203

(3) **Includes:** outdoor sweeping and watering of streets



**DIVISION 81 : SERVICES TO BUILDINGS AND LANDSCAPE ACTIVITIES**  
**Group 813 : Landscape care and maintenance service activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8130 <sup>(1)</sup>		<b>Landscape care and maintenance service activities</b>	
	81300	Landscape care and maintenance service activities <sup>(2)</sup>	01400p

- (1) **Excludes:**
- (a) commercial production and planting for commercial production of plants, trees, see divisions 01, 02
  - (b) tree nurseries (except forest tree nurseries), see 01304
  - (c) maintenance of land to keep it in good condition for agricultural use, see 01610
  - (d) construction activities for landscaping purposes, see section F
  - (e) landscape design and architecture activities, see 7110
  - (f) operation of botanical gardens, see 91031
- (2) **Includes:**
- (a) planting, care and maintenance of parks and gardens for private and public housing, public and semi-public building (schools, hospitals, administrative building, etc), municipal grounds (parks, green areas, cemeteries, etc.), highway greenery (roads, train lines and tramlines, waterways, ports) and industrial and commercial buildings
  - (b) greenery for buildings (roof gardens, façade greenery, indoor gardens)
  - (c) greenery for sports ground (e.g. football fields, golf courses, etc.), play grounds, lawns for sunbathing and other recreational parks
  - (d) greenery for stationary and flowing water (basins, alternating wet areas, ponds, swimming pools, ditches, watercourses, plant sewerage systems)
  - (e) plants for protection against noise, wind, erosion, visibility and dazzling and maintenance of land in order to keep it in good agricultural and ecological condition
  - (f) minor incidental design and construction service activities



**DIVISION 82 OFFICE ADMINISTRATIVE, OFFICE SUPPORT AND OTHER BUSINESS SUPPORT ACTIVITIES**

This division includes the provision of a range of day-to-day office administrative services, as well as ongoing routine business support functions for others, on a contract or fee basis.

This division also includes all support service activities typically provided to businesses not elsewhere classified.

Units classified in this division do not provide operating staff to carry out the complete operations of a business.

**GROUP 821 Office administrative and support activities**

This group includes the provision of a range of day-to-day office administrative services, such as financial planning, billing and record keeping, personnel and physical distribution and logistics for others on a contract or fee basis.

This group includes also support activities for others on a contract or fee basis, that are ongoing routine business support functions that businesses and organizations traditionally do for themselves.

Units classified in this group do not provide operating staff to carry out the complete operations of a business. Units engaged in one particular aspect of these activities are classified according to that particular activity.

**GROUP 822 Activities of call centres**

This group includes the activities of inbound call centre, answering calls from clients by using human operators, automatic call distribution, computer telephone integration, interactive voice response systems or similar methods to receive orders, provide product information, deal with customer requests for assistance or address customer complaints and activities of outbound call centers using similar methods to sell or market goods or services to potential customers, undertake market research or public opinion polling and similar activities for clients.

**GROUP 823 Organization of conventions and trade shows**

This group includes the organization, promotion and/or management of events, such as business and trade shows, conventions, conferences and meetings, whether or not including the management and provision of the staff to operate the facilities in which these events take place.

**GROUP 829 Business support service activities n.e.c.**

This group includes the activities of collection agencies, credit bureaus and all support activities typically provided to businesses not elsewhere classified.

**DIVISION 82 : OFFICE ADMINISTRATIVE, OFFICE SUPPORT AND OTHER BUSINESS SUPPORT ACTIVITIES**

**Group 821 : Office administrative and support activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8211 <sup>(1)</sup>		Combined office administrative service activities	
	82110	Combined office administrative service activities <sup>(2)</sup>	74999p

(1) **Excludes:** (a) provision of operating staff to carry out the complete operations of a business, see class according to the business/activity performed  
(b) provision of only one particular aspect of these activities, see class according to that particular activity

(2) **Includes:** provision of a combination of day-to-day office administrative services, such as reception, financial planning, billing and record keeping, personnel and physical distribution (mail services) and logistics for others on a contract or fee basis



**DIVISION 82 : OFFICE ADMINISTRATIVE, OFFICE SUPPORT AND OTHER BUSINESS SUPPORT ACTIVITIES**

**Group 821 : Office administrative and support activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8219 <sup>(1)</sup>		<b>Photocopying, document preparation and other specialized office support activities</b>	
	82191	Document preparation, editing and/or proofreading	74999p
	82192	Typing, word processing or desktop publishing <sup>(2)</sup>	74999p
	82193	Secretarial support services	74999p
	82194	Transcription of documents and other secretarial services	74999p
	82195	Provision of mailbox rental and other postal and mailing services	64110p, 74992p
	82196	Photocopying, duplicating, blueprinting <sup>(3)</sup>	74994
	82199	Photocopying, document preparation and other specialized office support activities n.e.c.	74999p

(1) **Excludes:** (a) printing of documents (offset printing, quick printing, etc.), see 18110  
 (b) direct mail advertising, see 73100  
 (c) specialized steno type services such as court reporting, see 82990  
 (d) public stenography services, see 82990

(2) **Includes:** letter or resume writing, proposal writing, assignment writing and report writing

(3) **Includes:** document copying services without also providing printing services such as offset printing, quick printing, digital printing, prepress services



**DIVISION 82 : OFFICE ADMINISTRATIVE, OFFICE SUPPORT AND OTHER BUSINESS  
SUPPORT ACTIVITIES**

**Group 822 : Activities of call centres**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8220		Activities of call centres	
	82200	Activities of call centres <sup>(1)</sup>	74991p

- (1) **Includes:**
- (a) activities of inbound call centres, answering calls from clients by using human operators, automatic call distribution, computer telephone integration, interactive voice response systems or similar methods to receive orders, provide product information, deal with customer requests for assistance or address customer complaints
  - (b) activities of outbound call centres using similar methods to sell or market goods or services to potential customers, undertake market research or public opinion polling and similar activities for clients



**DIVISION 82 : OFFICE ADMINISTRATIVE, OFFICE SUPPORT AND OTHER BUSINESS  
SUPPORT ACTIVITIES**

**Group 823 : Organization of conventions and trade shows**

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<b>CLASS</b>	<b>ITEM</b>	<b>DESCRIPTION</b>	<b>MSIC 2000</b>
8230		<b>Organization of conventions and trade shows</b>	
	82301	Organization, promotions and/or management of event <sup>(1)</sup>	74993, 74999p
	82302	Meeting, incentive, convention, exhibition (MICE)	74999p

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(1) **Includes:** business and trade show organizers



**E** SECTION 82 : OFFICE ADMINISTRATIVE, OFFICE SUPPORT AND OTHER BUSINESS SUPPORT ACTIVITIES  
 Group 829 : Business support service activities n.e.c.

CLASS	ITEM	DESCRIPTION	MSIC 2000
8291		<b>Activities of collection agencies and credit bureaus</b>	
	82910	Activities of collection agencies and credit bureaus <sup>(1)</sup>	74992p
8292 <sup>(2)</sup>		<b>Packaging activities</b>	
	82920	Packaging activities on a fee or contract basis, whether or not these involve an automated process	74950
8299 <sup>(3)</sup>		<b>Other business support service activities n.e.c.</b>	
	82990	Other business support service activities n.e.c.	74999p

- (1) **Includes:** (a) collection of payments for claims and remittance of payments collected to the clients (e.g. bill or debt collection services)  
 (b) compiling of information, such as credit and employment histories on individuals and credit histories on businesses and providing the information to financial institutions, retailers and others who have a need to evaluate the creditworthiness of these persons and businesses
- (2) **Includes:** packaging of meat, pharmaceuticals  
**Excludes:** (a) manufacture of soft drinks and production of mineral water, see 1104  
 (b) packaging activities incidental to transport, see 52299
- (3) **Includes:** (a) providing verbatim reporting and stenotype recording of live legal proceedings & Real-time closed captioning of live television performances of meetings, conferences  
 (b) address bar coding services and bar code imprinting services  
 (c) fundraising organization services on a contract or fee basis  
 (d) direct mailing activities (addressing, pre-sorting, etc.)  
 (e) repossession services  
 (f) parking meter coin collection services  
 (g) activities of independent auctioneers  
 (h) administration of loyalty programmes  
 (i) runner – providing services or running errands for a business such as sending letters/bills/payments, etc.  
**Excludes:** (a) provision of document transcription services, see 82194  
 (b) providing film or tape captioning or subtitling services, see 59120

N

O

**PUBLIC ADMINISTRATION  
AND DEFENCE; COMPULSORY  
SOCIAL ACTIVITIES**

84 Public administration and defence;  
compulsory social security

O

**SECTION O : PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	1
GROUP	3
CLASS	7
ITEM	28

This section includes activities of a governmental nature, normally carried out by the public administration. This includes the enactment and judicial interpretation of laws and their pursuant regulation, as well as the administration of programmes based on them, legislative activities, taxation, national defence, public order and safety, immigration services, foreign affairs and the administration of government programmes. This section also includes compulsory social security activities. The legal or institutional status is not, in itself, the determining factor for an activity to belong in this section, rather than the activity being of a nature specified in the previous paragraph. This means that activities classified elsewhere in MSIC do not fall under this section, even if carried out by public entities. For example, administration of the school system (i.e. regulations, checks, curricula) falls under this section, but teaching itself does not (see section P) and a prison or military hospital is classified to health (see section Q). Similarly, some activities described in this section may be carried out by non-government units.

**DIVISION 84 PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY**

This division includes administration of the State and the economic and social policy of the community, provision of services to the community as whole and compulsory social security activities.

**GROUP 841 Administration of the State and the economic and social policy of the community**

This group includes general administration (e.g. executive, legislative, financial administration, etc. at all levels of government) and supervision in the field of social and economic life.

**GROUP 842 Provision of services to the community as a whole**

This group includes foreign affairs, defence and public order and safety activities.

**O**

**GROUP 843 Compulsory social security activities**

This group includes funding and administration of government-provided social security programmes such as sickness, work-accident and unemployment insurance, retirement pensions and programmes covering losses of income due to maternity, temporary disablement, widowhood, etc.

**0**

**DIVISION 84 : PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY**  
**Group 841 : Administration of the State and the economic and social policy of the community**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8411 <sup>(1)</sup>		<b>General public administration activities</b>	
	84111	General (overall) public administration activities	75110
	84112	Ancillary service activities for the government as a whole	75140

- (1) **Includes:**
- (a) executive and legislative administration of central, regional and local bodies
  - (b) administration and supervision of fiscal affairs
  - (c) budget implementation and management of public funds and public debt
  - (d) administration of overall (civil) Research and Development (R&D) policy and associated funds
  - (e) administration and operation of overall economic and social planning and statistical services at the various levels of government
- Excludes:**
- (a) operation of government owned or occupied buildings, see 68109, 68209
  - (b) administration of Research and Development (R&D) policies intended to increase personal well-being and of associated funds, see 84129
  - (c) administration of Research and Development (R&D) policies intended to improve economic performance and competitiveness, see 84139
  - (d) administration of defence-related Research and Development (R&D) policies and of associated funds, see 84220
  - (e) operation of government archives, see 9101



**DIVISION 84 : PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY**  
**Group 841 : Administration of the State and the economic and social policy of the community**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8412 <sup>(1)</sup>		<b>Regulation of the activities of providing health care, education, cultural services and other social services, excluding social security</b>	
	84121	Administrative educational services	75121
	84122	Administrative health care services	75122
	84123	Administrative housing and local government services	75123
	84124	Administrative recreational, cultural, arts and sports services	75124
	84125	Administrative religious affairs services	75125
	84126	Administrative welfare services	75129p
	84129	Other community and social affairs services <sup>(2)</sup>	75129p

- (1) **Excludes:**
- (a) sewage, refuse disposal and remediation activities, see divisions 37, 38, 39
  - (b) compulsory social security activities, see 84300
  - (c) education activities, see division 85
  - (d) human health-related activities, see division 86
  - (e) activities of libraries and archives (private, public or government operated), see 9101
  - (f) operation of museums and other cultural institutions, see 9102
  - (g) sporting or other recreational activities, see division 93
- (2) **Includes:**
- (a) administration of R&D policies intended to increase personal well-being and of associated funds
  - (b) administration of R&D policies intended to improve economic performance and competitiveness



**DIVISION 84 : PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY**  
**Group 841 : Administration of the State and the economic and social policy of the community**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8413 <sup>(1)</sup>		<b>Regulation of and contribution to more efficient operation of businesses</b>	
	84131	Domestic and international trade affairs	75131
	84132	Agriculture and rural development affairs	75132
	84133	Primary industries affairs <sup>(2)</sup>	75133
	84134	Public works affairs	75134
	84135	Transport affairs	75135
	84136	Energy, telecommunication and postal affairs	75136
	84137	Tourism affairs	75137p
	84138	Human resource affairs	75138
	84139	Other regulation of and contribution to more efficient operation of businesses n.e.c.	75139

(1) **Excludes:** research and experimental development activities, see division 72

(2) **Includes:** mining and mineral resources affairs, such as discovery exploitation, conservation, marketing and other aspects of mineral production



**DIVISION 84 : PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY****Group 842 : Provision of services to the community as a whole**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8421		<b>Foreign affairs</b>	
	84210	Foreign affairs <sup>(1)</sup>	75210
8422 <sup>(2)</sup>		<b>Defence activities</b>	
	84220	Military and civil defence services	75220

- (1) **Includes:**
- (a) administration and operation of the ministry of foreign affairs and diplomatic and consular missions stationed abroad or at offices of international organizations
  - (b) administration, operation and support for information and cultural services intended for distribution beyond national boundaries
  - (c) aid to foreign countries, whether or not routed through international organizations
  - (d) provision of military aid to foreign countries
  - (e) management of foreign trade, international financial and foreign technical affairs

**Excludes:** international disaster or conflict refugee services, see 88909

- (2) **Includes:**
- (a) administration, supervision and operation of military defence affairs and land, sea, air and space defence forces
  - (b) administration, operation and support of civil defence forces
  - (c) support for the working out of contingency plans and the carrying out of exercises in which civilian institutions and populations are involved
  - (d) administration of defence-related R&D policies and related funds

**Excludes:**

- (a) research and experimental development activities, see division 72
- (b) provision of military aid to foreign countries, see 84210
- (c) activities of military tribunals, see 84235
- (d) provision of supplies for domestic emergency use in case of peacetime disasters, see 84239
- (e) educational activities of military schools, colleges and academies, see 8530
- (f) activities of military hospitals, see 86101

**O**

**DIVISION 84 : PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY**

**Group 842 : Provision of services to the community as a whole**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8423 <sup>(1)</sup>		<b>Public order and safety activities</b>	
	84231	Police service	75231p
	84232	Prison service	75232
	84233	Immigration service	75233
	84234	National registration service	75234
	84235	Judiciary and legal service <sup>(2)</sup>	75235

- (1) **Includes:**
- (a) administration and operation of regular and auxiliary police forces supported by public authorities and of port, border, coastguards and other special police forces
  - (b) firefighting and fire prevention
  - (c) administration and operation of administrative civil and criminal law courts, military tribunals and the judicial system including syariah court
  - (d) rendering of judgements and interpretations of the law
  - (e) arbitration of civil actions
  - (f) prison administration and provision of correctional services, including rehabilitation services
  - (g) provision of supplies for domestic emergency use in case of peacetime disasters
- Excludes:**
- (a) advice and representation in civil, criminal and other cases, see 69100
  - (b) operation of police laboratories, see 71200
  - (c) administration and operation of military armed forces, see 84220
  - (d) activities of prison schools, see division 85
  - (e) activities of prison hospitals, see 86101
- (2) **Includes:** activities of military tribunals



**DIVISION 84 : PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY**

**Group 842 : Provision of services to the community as a whole**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	84236	Firefighting and fire prevention <sup>(1)</sup>	75236
	84239	Other public order and safety affairs related services <sup>(2)</sup>	75239

(1) **Excludes:** (a) firefighting and fire-prevention services at airports provided by non-specialized units, see 52234  
 (b) forestry fire-protection and fire-fighting services, see 02401  
 (c) oil and gas field fire fighting, see 09102

(2) **Includes:** provision of supplies for domestic emergency use in case of peacetime disasters

**0**

DIVISION 84 : PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY

Group 843 : Compulsory social security activities

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CLASS	ITEM	DESCRIPTION	MSIC 2000
8430 <sup>(1)</sup>		Compulsory social security activities	
	84300	Compulsory social security activities e.g. SOCSO	75300

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- (1) Excludes: (a) non-compulsory social security, see 6530  
(b) provision of welfare services see 8810 and social work (without accommodation) see 8890



**P**

**EDUCATION**

85 Education

**P**

**SECTION P : EDUCATION**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	1
GROUP	5
CLASS	8
ITEM	21

This section includes education at any level or for any profession, oral or written as well as by radio and television or other means of communication. It includes education by the different institutions in the regular school system at its different levels as well as adult education, literacy programmes, etc. Also included are military schools and academies, prison schools, etc. at their respective levels. This section includes public as well as private education. For each level of initial education, the classes include special education for physically or mentally handicapped pupils. The breakdown of the categories in this section is based on the level of education offered as defined by the levels of ISCED 1997. The activities of educational institutions providing education at ISCED levels 0 and 1 are classified in group 851, those at ISCED levels 2 and 3 in group 852 and those at ISCED levels 4, 5 and 6 in group 853.

This section also includes instruction primarily concerned with sport and recreational activities such as bridge or golf and education support activities.

**DIVISION 85 EDUCATION**

This division includes pre-primary and primary education, secondary education, higher education, other education and educational support services.

**GROUP 851 Pre-primary and primary education**

This class includes the provision of instruction designed primarily to introduce very young children to a school-type environment and instruction that gives students a sound basic education in reading, writing and mathematics along with an elementary understanding of other subjects such as history, geography, natural science, social science, art and music. Such education is generally provided for children, however the provision of literacy programmes within or outside the school system, which are similar in content to programmes in primary education but are intended for those considered too old to enter elementary schools, is also included. Also included is the provision of programmes at a similar level, suited to children with special needs education. Education can be provided in classrooms or through radio, television broadcast, Internet, correspondence or at home.



**GROUP 852 Secondary education**

This group includes the provision of general secondary and technical and vocational secondary education.

**GROUP 853 Higher education**

This group includes the provision of post-secondary non-tertiary and tertiary education, including granting of degrees at baccalaureate, graduate or post-graduate level. The requirement for admission is at least a high school diploma or equivalent general academic training. Education can be provided in classrooms or through radio, television broadcast, Internet or correspondence.

**GROUP 854 Other education**

This group includes general continuing education and continuing vocational education and training for any profession. Instruction may be oral or written and may be provided in classrooms or by radio, television, Internet, correspondence or other means of communication. This group also includes the provision of instruction in athletic activities to groups or individuals, foreign language instruction, instruction in the arts, drama or music or other instruction or specialized training, not comparable to the education in groups 851 - 853.

**GROUP 855 Educational support services**

This group includes provision of non-instructional services that support educational processes or systems such as educational consulting, educational guidance counselling services, educational testing evaluation services, educational testing services and organization of student exchange programs.



**DIVISION 85 : EDUCATION**  
**Group 851 : Pre-primary and primary education**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8510 <sup>(1)</sup>		<b>Pre-primary and primary education</b>	
	85101	Pre-primary education (Public) <sup>(2)</sup>	80101p
	85102	Pre-primary education (Private) <sup>(2)</sup>	80101p
	85103	Primary education (Public)	80102p
	85104	Primary education (Private)	80102p

- (1) **Includes:** (a) special education for handicapped students at this level  
 (b) adult literacy programs within or outside the school system, which are similar in content to programmes in primary education but are intended for those considered too old to enter elementary schools
- Excludes:** (a) adult education as defined in group 854  
 (b) child day-care activities, see 88902
- (2) **Includes:** nurseries with kindergartens
- Excludes:** nurseries only, see 88902



**DIVISION 85 : EDUCATION**  
**Group 852 : Secondary education**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8521 <sup>(1)</sup>		<b>General secondary education</b>	
	85211	General school secondary education (Public) <sup>(2)</sup>	80210p
	85212	General school secondary education (Private) <sup>(2)</sup>	80210p
8522 <sup>(3)</sup>		<b>Technical and vocational secondary education</b>	
	85221	Technical and vocational education below the level of higher education (Public) <sup>(4)</sup>	80220p
	85222	Technical and vocational education below the level of higher education (Private) <sup>(4)</sup>	80220p

- (1) **Excludes:** adult education as defined in group 854
- (2) **Includes:** (a) sports school  
 (b) art school  
 (c) religious school  
 (d) special education at this secondary level
- (3) **Excludes:** (a) technical and vocational education at post-secondary and university levels, see 8530  
 (b) adult education as defined in group 854  
 (c) performing art instruction for recreation, hobby and self-development purposes, see 8542  
 (d) automobile driving schools not intended for occupational drivers, see 85492  
 (e) job training forming part of social work activities without accommodation, see 8810, 8890
- (4) **Includes:** (a) technical and vocational education  
 (b) instruction for tourist guides  
 (c) instruction for chefs, hoteliers and restaurateurs  
 (d) special education for handicapped students at this level  
 (e) computer repair training  
 (f) cosmetology and barber schools



DIVISION 85 : EDUCATION  
 Group 853 : Higher education

CLASS	ITEM	DESCRIPTION	MSIC 2000
8530 <sup>(1)</sup>		<b>Higher education</b>	
	85301	College and university education (Public) <sup>(2)</sup>	80301
	85302	College and university education (Private) <sup>(3)</sup>	80302, 80303

- (1) **Includes:** (a) technical and vocational education at post-secondary and university levels  
 (b) educational activities of military schools, colleges and academies
- Excludes:** adult education as defined in group 854
- (2) **Includes:** community college and polytechnics
- (3) **Includes:** (a) commercial and other technical institutes  
 (b) nursing schools



DIVISION 85 : EDUCATION  
 Group 854 : Other education

CLASS	ITEM	DESCRIPTION	MSIC 2000
8541 <sup>(1)</sup>		<b>Sports and recreation education</b>	
	85411	Sports instruction <sup>(2)</sup>	80909p, 92419p
	85412	Martial arts instruction	80909p
	85419	Any other sports and recreation education n.e.c. <sup>(3)</sup>	80909p, 92499p
8542		<b>Cultural education</b>	
	85421	Music and dancing school <sup>(4)</sup>	80902
	85429	Any other cultural education n.e.c. <sup>(5)</sup>	80909p

(1) **Includes:** camps and school offering instruction in athletic, and overnight and day sports instruction camps

**Excludes:** cultural education, see 8542

(2) **Includes:** (a) baseball  
 (b) basketball  
 (c) cricket  
 (d) football  
 (e) badminton

(3) **Includes:** (a) camps, sports instruction  
 (b) cheerleading instruction  
 (c) gymnastics instruction  
 (d) riding instruction, academies or school  
 (e) swimming instruction  
 (f) professional sports instructors, teachers, coaches  
 (g) card game instruction (such as bridge)  
 (h) yoga instruction

(4) **Includes:** piano teachers and other music instruction

(5) **Includes:** (a) art instruction  
 (b) drama schools (except academic)  
 (c) fine arts schools (except academic)  
 (d) performing arts schools (except academic)  
 (e) photography schools (except commercial)  
 (f) recreational or self-development purposes

**P**

**DIVISION 85 : EDUCATION**  
**Group 854 : Other education**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8549 <sup>(1)</sup>		Other education n.e.c.	
	85491	Tuition centre	80909p
	85492	Driving school	80901
	85493	Religious instruction	80909p
	85494	Computer training	80909p
	85499	Others education n.e.c. <sup>(2)</sup>	80909p

- (1) **Excludes:** (a) adult literacy programs, see 8510  
 (b) general secondary education, see 8521  
 (c) higher education, see 8530  
 (d) cultural education, see 8542
- (2) **Includes:** (a) lifeguard training  
 (b) dressmaking and embroidery education  
 (c) modelling class  
 (d) language instruction and conversational skills instruction, speed reading instruction and also public speaking training



DIVISION 85 : EDUCATION  
 Group 855 : Educational support services

CLASS	ITEM	DESCRIPTION	MSIC 2000
8550		<b>Educational support services</b>	
	85500	Educational support services for provision of non-instructional services <sup>(1)</sup>	80909p

- (1) **Includes:**
- (a) educational consulting
  - (b) educational guidance counselling services
  - (c) educational testing evaluation services
  - (d) educational testing services
  - (e) organization of student exchange program
- Excludes:**
- (a) research and experimental development on social sciences, see 72201
  - (b) research and experimental development on humanities, see 72202



Q

**HUMAN HEALTH AND  
SOCIAL WORK ACTIVITIES**

- 86 Human health activities
- 87 Residential care activities
- 88 Social work activities without accommodation

Q

**SECTION Q : HUMAN HEALTH AND SOCIAL WORK ACTIVITIES**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	3
GROUP	9
CLASS	9
ITEM	26

This section includes the provision of health and social work activities. Activities include a wide range of activities, starting from health care provided by trained medical professionals in hospitals and other facilities, over residential care activities that still involve a degree of health care activities to social work activities without any involvement of health care professionals.

**DIVISION 86 HUMAN HEALTH ACTIVITIES**

This division includes activities of short- or long-term hospitals, general or specialty medical, surgical, psychiatric and substance abuse hospitals, sanatoria, preventoria, medical nursing homes, asylums, mental hospital institutions, rehabilitation centres, leprosaria and other human health institutions which have accommodation facilities and which engage in providing diagnostic and medical treatment to inpatients with any of a wide variety of medical conditions. It also includes medical consultation and treatment in the field of general and specialized medicine by general practitioners and medical specialists and surgeons. It includes dental practice activities of a general or specialized nature and orthodontic activities. Additionally, this division includes activities for human health not performed by hospitals or by practicing medical doctors but by paramedical practitioners legally recognized to treat patients.

**GROUP 861 Hospital activities**

This group includes short- or long-term hospital activities, i.e. medical, diagnostic and treatment activities, of general hospitals (e.g. community and regional hospitals, hospitals of non-profit organizations, university hospitals, military-base and prison hospitals) and specialized hospitals (e.g. mental health and substance abuse hospitals, hospitals for infectious diseases, maternity hospitals, specialized sanatoriums).

The activities are chiefly directed to inpatients, are carried out under the direct supervision of medical doctors and include services of medical and paramedical staff, services of laboratory and technical facilities, including radiologic and anaesthesiologic services, emergency room services, provision of operating room services, pharmacy services, food and other hospital services and services of family planning centres providing medical treatment such as sterilization and termination of pregnancy, with accommodation.



**GROUP 862 Medical and dental practice activities**

This group includes medical consultation and treatment in the field of general and specialized medicine by general practitioners and medical specialists and surgeons, dental practice activities of a general or specialized nature, e.g. dentistry, endodontic and pediatric dentistry; oral pathology, orthodontic activities and family planning centres providing medical treatment such and sterilization and termination of pregnancy, without accommodation.

These activities can be carried out in private practice, group practices and in hospital outpatient clinics, and in clinics such as those attached to firms, schools, homes for the aged, labour organizations and fraternal organizations, as well as in patients' homes.

This group also includes dental activities in operating rooms and private consultants' services to inpatients.

**GROUP 869 Other human health activities**

This group includes activities for human health not performed by hospitals or by medical doctors or dentists such as activities of nurses, midwives, physiotherapists or other paramedical 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, labour organizations and fraternal organizations and in residential health facilities other than hospitals, as well as in own consulting rooms, patients' homes or elsewhere. These activities do not involve medical treatment.

This group also includes activities of dental paramedical personnel such as dental therapists, school dental nurses and dental hygienists, who may work remote from, but are periodically supervised by the dentist, activities of medical laboratories such as X-ray laboratories and other diagnostic imaging centres and blood analysis laboratories, activities of blood banks, sperm banks, transplant organ banks etc. and ambulance transport of patients by any mode of transport including airplanes. These services are often provided during a medical emergency.

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**DIVISION 86 : HUMAN HEALTH ACTIVITIES**  
**Group 861 : Hospital activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8610 <sup>(1)</sup>		Hospital and maternity home activities	
	86101	Hospital activities	85110p
	86102	Maternity home services (outside hospital)	85110p

(1) **Includes:** activities of prison hospitals

- Excludes:**
- (a) laboratory testing and inspection of all types of materials and products, except medical, see 71200
  - (b) veterinary activities, see 75000
  - (c) health activities for military personnel in the field, see 84220
  - (d) dental practice activities of a general or specialized nature, e.g. dentistry, endodontic and pediatric dentistry; oral pathology, orthodontic activities, see 86203
  - (e) private consultants' services to inpatients, see 8620
  - (f) medical laboratory testing, see 86902 and ambulance transport activities, see 86906

**Q**

**DIVISION 86 : HUMAN HEALTH ACTIVITIES**  
**Group 862 : Medical and dental practice activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8620 <sup>(1)</sup>		<b>Medical and dental practice activities</b>	
	86201	General medical services	85121p
	86202	Specialized medical services	85121p
	86203	Dental Services <sup>(2)</sup>	85122

- (1) **Includes:** the consultation and treatment in the field of general and specialist medicine by general practitioner's and medical specialist and surgeons
- Excludes:** (a) production of artificial teeth, denture and prosthetic appliances by dental laboratories, see 32500  
 (b) inpatient hospital activities, see 8610  
 (c) paramedical activities such as those of midwives, nurses and physiotherapists, see 8690
- (2) **Includes:** dental practice activities of a general or specialized nature, e.g. dentistry, endodontic



**DIVISION 86 : HUMAN HEALTH ACTIVITIES**  
**Group 869 : Other human health activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8690 <sup>(1)</sup>		<b>Other human health activities</b>	
	86901	Dialysis Centers	85110p
	86902	Medical laboratories <sup>(2)</sup>	85121p
	86903	Physiotherapy and occupational therapy service	85192
	86904	Acupuncture services	85199p
	86905	Herbalist and homeopathy services	85193
	86906	Ambulance services	85194
	86909	Other human health services n.e.c. <sup>(3)</sup>	85121p

- (1) **Excludes:** (a) production of artificial teeth, denture and prosthetic appliances by dental laboratories, see 32500  
 (b) transfer of patients, with neither equipment for lifesaving nor medical personnel, see divisions 49, 50, 51  
 (c) non-medical laboratory testing, see 71200  
 (d) testing activities in the field of food hygiene, see 71200  
 (e) hospital activities, see 86101  
 (f) medical and dental practice activities, see 8620  
 (g) nursing care facilities, see 8710
- (2) **Includes:** an X-ray laboratories and other diagnostic imaging centres, blood analysis laboratories, pathlab
- (3) **Includes:** the activities for human health provided by nurses, midwives, cyrotherapy, traditional massage, ayurveda and other alternative medicine or other paramedical practitioners



**DIVISION 87 RESIDENTIAL CARE ACTIVITIES**

This division includes the provision of residential care combined with either nursing, supervisory or other types of care as required by the residents. Facilities are a significant part of the production process and the care provided is a mix of health and social services with the health services being largely some level of nursing services.

**GROUP 871 Residential nursing care facilities**

This group includes the activities of homes for the elderly with nursing care, convalescent homes, rest homes with nursing care, nursing care facilities and nursing homes.

**GROUP 872 Residential care activities for mental retardation, mental health and substance abuse**

This group includes the provision of residential care (but not licensed hospital care) to people with mental retardation, mental illness, or substance abuse problems. Facilities provide room, board, protective supervision and counselling and some health care. It also includes provision of residential care and treatment for patients with mental health and substance abuse illnesses.

**GROUP 873 Residential care activities for the elderly and disabled**

This group includes the provision of residential and personal care services for the elderly and disabled who are unable to fully care for themselves and/or who do not desire to live independently. The care typically includes room, board, supervision, and assistance in daily living, such as housekeeping services. In some instances these units provide skilled nursing care for residents in separate on-site facilities.

**GROUP 879 Other residential care activities**

This group includes the provision of residential and personal care services for persons, except the elderly and disabled, who are unable to fully care for themselves or who do not desire to live independently.

This group includes activities provided on a round-the-clock basis directed to provide social assistance to children and special categories of persons with some limits on ability for self-care, but where medical treatment or education are not important elements such as orphanages, children's boarding homes and hostels, temporary homeless shelters and institutions that take care of unmarried mothers and their children. The activities may be carried out by public or private organizations.

This group also includes activities of halfway group homes for persons with social or personal problems, halfway homes for delinquents and offenders and disciplinary camps.

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**DIVISION 87 : RESIDENTIAL CARE ACTIVITIES**  
**Group 871 : Residential nursing care facilities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8710 <sup>(1)</sup>		<b>Residential nursing care facilities</b>	
	87101	Homes for the elderly with nursing care	85191p, 85312p
	87102	Nursing homes	85191p
	87103	Palliative or hospices	85199p

- (1) **Excludes:**
- (a) in-home services provided by health care professionals, see division 86
  - (b) homes for the elderly without or with minimal nursing care, see 87300
  - (c) social work activities with accommodation, such as orphanages, children's boarding homes and hostels, temporary homeless shelters, see 8790



**DIVISION 87 : RESIDENTIAL CARE ACTIVITIES****Group 872 : Residential care activities for mental retardation, mental health and substance abuse**

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CLASS	ITEM	DESCRIPTION	MSIC 2000
8720 <sup>(1)</sup>		Residential care activities for mental retardation, mental health and substance abuse	
	87201	Drug rehabilitation centres	85316
	87209	Others residential care activities for mental retardation n.e.c.	85319p

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(1) **Excludes:** the social work activities with accommodation, such as temporary homeless shelters, see 8790

**Q**

**DIVISION 87 : RESIDENTIAL CARE ACTIVITIES**  
**Group 873 : Residential care activities for the elderly and disabled**

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CLASS	ITEM	DESCRIPTION	MSIC 2000
8730 <sup>(1)</sup>		<b>Residential care activities for the elderly and disabled</b>	
	87300	Residential care activities for the elderly and disabled	85312p

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- (1) **Excludes:** (a) homes for the elderly with nursing care, see 87101  
(b) social work activities with accommodation where medical treatment or accommodation are not important elements, see 8790



**DIVISION 87 : RESIDENTIAL CARE ACTIVITIES****Group 879 : Other residential care activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8790 <sup>(1)</sup>		<b>Other residential care activities (the activities may be carried out by government offices or private organizations)</b>	
	87901	Orphanages	85311p
	87902	Welfare homes services	85311p, 85315, 85319p
	87909	Other residential care activities n.e.c.	85313, 85314, 85319p

- (1) **Includes:** social work activities with accommodation where medical treatment or accommodation are not important elements :
- (a) women's refuge operations
  - (b) juvenile homes services
  - (c) home for the handicapped operations
- Excludes:**
- (a) funding and administration of compulsory social security programmers, see 84300
  - (b) nursing care facilities, see 8710
  - (c) residential care activities for mental retardation, mental health and substance abuse, see 8720
  - (d) residential care activities for the elderly or disabled, see 87300
  - (e) adoption activities, see 88909
  - (f) short-term shelter activities for disaster victims, see 88909



**DIVISION 88 SOCIAL WORK ACTIVITIES WITHOUT ACCOMMODATION**

This division includes the provision of a variety of social assistance services directly to clients. The activities in this division do not include accommodation services, except on a temporary basis.

**GROUP 881 Social work activities without accommodation for the elderly and disabled**

This group includes social, counselling, welfare, referral and similar services which are aimed at the elderly and disabled in their homes or elsewhere and carried out by public or by private organizations, national or local self-help organizations and by specialists providing counselling services such as visiting of the elderly and disabled, day-care activities for the elderly or for handicapped adults and vocational rehabilitation and habilitation activities for disabled persons provided that the education component is limited.

**GROUP 889 Other social work activities without accommodation n.e.c.**

This group includes social, counselling, welfare, refugee, referral and similar services which are delivered to individuals and families in their homes or elsewhere and carried out by public or by private organizations, disaster relief organizations and national or local self-help organizations and by specialists providing counselling services such as welfare and guidance activities for children and adolescents, adoption activities, activities for the prevention of cruelty to children and others, household budget counselling, marriage and family guidance, credit and debt counselling services, community and neighbourhood activities, activities for disaster victims, refugees, immigrants, etc., including temporary or extended shelter for them, vocational rehabilitation and habilitation activities for unemployed persons provided that the education component is limited, eligibility determination in connection with welfare aid, rent supplements or food stamps, child day-care activities, including for handicapped children, day facilities for the homeless and other socially weak groups and charitable activities like fund-raising or other supporting activities aimed at social work.



**DIVISION 88 : SOCIAL WORK ACTIVITIES WITHOUT ACCOMMODATION**  
**Group 881 : Social work activities without accommodation for the elderly and disabled**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8810 <sup>(1)</sup>		Social work activities without accommodation for the elderly and disabled carried out by government offices or by private organizations	
	88101	Day-care activities for the elderly or for handicapped adults	85329p
	88109	Others social work activities without accommodation for the elderly and disabled	85329p

- (1) **Excludes:**
- (a) funding and administration of compulsory social security programmers see 84300
  - (b) activities similar to those described in this class, but including accommodation, see 87300
  - (c) day-care activities for handicapped children, see 88902



**DIVISION 88 : SOCIAL WORK ACTIVITIES WITHOUT ACCOMMODATION****Group 889 : Other social work activities without accommodation n.e.c.**

CLASS	ITEM	DESCRIPTION	MSIC 2000
8890 <sup>(1)</sup>		<b>Other social work activities without accommodation n.e.c.</b>	
	88901	Counselling service <sup>(2)</sup>	85321
	88902	Child day-care activities <sup>(3)</sup>	85325
	88909	Other social work activities without accommodation n.e.c. <sup>(4)</sup>	85322, 85324, 85329p, 91993p, 91999p

- (1) **Excludes:** (a) funding and administration of compulsory social security programmes, see 84300  
(b) activities similar to those described in this class, but including accommodation, see 8790
- (2) **Includes:** consumer credit and debt counselling
- (3) **Includes:** (a) nurseries only  
(b) for handicapped children
- (4) **Includes:** (a) international disaster or conflict refugee services include activities for disaster victims, refugees, immigrants, including temporary or extended shelter for them  
(b) adoption activities, activities for the prevention of cruelty to children and others  
(c) alcoholics anonymous society operations  
(d) voluntary welfare services for the collection allocation of funds for welfare purposes  
(e) service provided by youth associations  
(f) other services provided by membership organizations n.e.c.



**R**

**ARTS, ENTERTAINMENT  
AND RECREATION**

- 90 Creative, arts and entertainment activities
- 91 Libraries, archives, museums and other cultural activities
- 92 Gambling and betting activities
- 93 Sports activities and amusement and recreation activities

**R**

**SECTION R : ARTS, ENTERTAINMENT AND RECREATION**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	4
GROUP	5
CLASS	10
ITEM	38

This section includes a wide range of activities to meet varied cultural, entertainment and recreational interests of the general public, including live performances, operation of museum sites, gambling, sports and recreation activities.

**DIVISION 90 CREATIVE, ARTS AND ENTERTAINMENT ACTIVITIES**

This division includes the operation of facilities and provision of services to meet the cultural and entertainment interests of their customers. This includes the production and promotion of, and participation in, live performances, events or exhibits intended for public viewing; the provision of artistic, creative or technical skills for the production of artistic products and live performances.

**GROUP 900 Creative, arts and entertainment activities**

This group includes production of live theatrical presentations, concerts and opera or dance productions and other stage productions such as activities of groups, circuses or companies, orchestras or bands and activities of individual artists such as authors, actors, directors, producers, musicians, lecturers or speakers, stage-set designers and builders, etc. Operation of concert and theatre halls and other arts facilities, activities of sculptors, painters, cartoonists, engravers, etchers, etc., activities of individual writers, for all subjects including fictional writing, technical writing, etc., activities of independent journalists and restoring of works of art such as paintings, etc., are also included.

This group also includes activities of producers or entrepreneurs of arts live events, with or without facilities.

**R**

**DIVISION 90 : CREATIVE, ARTS AND ENTERTAINMENT ACTIVITIES**

**Group 900 : Creative, arts and entertainment activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
9000 <sup>(1)</sup>		<b>Creative, arts and entertainment activities</b>	
	90001	Theatrical producer, singer group band and orchestra entertainment services <sup>(2)</sup>	92141p, 92191
	90002	Operation of concert and theatre halls and other arts facilities <sup>(3)</sup>	74993p, 92149p, 92493

- (1) **Excludes:** (a) restoring of stained glass windows, see 23109  
 (b) manufacture of statues, other than artistic originals, see 23960  
 (c) restoring of organs and other historical musical instruments, see 33190  
 (d) restoring of historical sites and buildings, see 41009  
 (e) motion picture and video production, see 59110, 59120  
 (f) operation of cinemas, see 59140  
 (g) activities of personal theatrical or artistic agents or agencies, see 74909  
 (h) casting activities, see 78100  
 (i) activities of ticket agencies, see 79900  
 (j) operation of museums of all kinds, see 91022  
 (k) sports and amusement and recreation activities, see division 93  
 (l) restoring of furniture (except museum type restoration), see 95240
- (2) **Includes:** circuses and individual artists
- (3) **Includes:** related activities 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
- Excludes:** (a) renting of space in theatres, etc., see 68102  
 (b) agency and casting activities, see 78100  
 (c) casting activities (motion pictures, television or theatre productions, recording studios), see 78100



**DIVISION 90 : CREATIVE, ARTS AND ENTERTAINMENT ACTIVITIES****Group 900 : Creative, arts and entertainment activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
	90003	Activities of sculptors, painters, cartoonists, engravers, etchers	92142p
	90004	Activities of individual writers, for all subjects <sup>(1)</sup>	92142p
	90005	Activities of independent journalists	92142p, 92209p
	90006	Restoring of works of art such as painting	92149p, 92199p
	90007	Activities of producers or entrepreneurs of arts live events, with or without facilities	92141p
	90009	Creative, arts and entertainment activities n.e.c.	92141p, 92142p, 92149p

- (1) **Includes:**
- (a) fictional writing, technical writing, etc.
  - (b) activities of authors of scientific and technical books
  - (c) activities of independent authors



## **DIVISION 91 LIBRARIES, ARCHIVES, MUSEUMS AND OTHER CULTURAL ACTIVITIES**

This division includes activities of libraries and archives; the operation of museums of all kinds, botanical and zoological gardens; the operation of historical sites and nature reserves activities. It also includes the preservation and exhibition of objects, sites and natural wonders of historical, cultural or educational interest (e.g. world heritage sites, etc.).

This division excludes sports and amusement and recreation activities, such as the operation of bathing beaches and recreation parks (see division 93).

### **GROUP 910 Libraries, archives, museums and other cultural activities**

This group includes library and archives activities; museums activities and operation of historical sites and buildings; botanical and zoological gardens and nature reserves activities.



**DIVISION 91 : LIBRARIES, ARCHIVES, MUSEUMS AND OTHER CULTURAL ACTIVITIES**

**Group 910 : Libraries, archives, museums and other cultural activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
9101 <sup>(1)</sup>		<b>Library and archives activities</b>	
	91011	Documentation and information activities of libraries of all kinds	92310p, 75140p
	91012	Stock photo libraries and services	92310p
9102 <sup>(2)</sup>		<b>Museums activities and operation of historical sites and buildings</b>	
	91021	Operation of museums of all kinds <sup>(3)</sup>	92320p
	91022	Operation of historical sites and buildings <sup>(4)</sup>	92320p
9103 <sup>(5)</sup>		<b>Botanical and zoological gardens and nature reserves activities</b>	
	91031	Operation of botanical and zoological gardens	92330p
	91032	Operation of nature reserves, including wildlife preservation	92330p

- (1) **Includes:** activities of libraries and archives (private, public or government operated)
- (2) **Excludes:** (a) renovation and restoration of historical sites and buildings, see section F  
(b) restoration of works of art and museum collection objects, see 90006  
(c) activities of libraries and archives, see 9101
- (3) **Includes:** e.g. art museums, museums of jewellery, furniture, costumes, ceramics, silverware, etc., natural history and science museums, technological museums, historical museums including military museums and historic houses and all kinds of other specialized museums
- (4) **Includes:** the preservation of historical sites and buildings
- (5) **Excludes:** (a) landscape and gardening services, see 81300  
(b) operation of sport fishing and hunting preserves, see 93199



## **DIVISION 92 GAMBLING AND BETTING ACTIVITIES**

This division includes the operation of gambling facilities such as casinos, bingo halls and video gaming terminals and the provision of gambling services, such as lotteries and off-track betting.

### **GROUP 920 Gambling and betting activities**

This group includes bookmaking and other betting operations, off-track betting, operation of casinos, including "floating casinos", sale of lottery tickets, operation (exploitation) of coin-operated gambling machines and operation of virtual gambling web sites.



**DIVISION 92 : GAMBLING AND BETTING ACTIVITIES****Group 920 : Gambling and betting activities**

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CLASS	ITEM	DESCRIPTION	MSIC 2000
9200 <sup>(1)</sup>		<b>Gambling and betting activities</b>	
	92000	Gambling and betting activities	92495

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- (1) **Includes:**
- (a) bookmaking and other betting operations
  - (b) off-track betting
  - (c) operation of casinos, including "floating casinos"
  - (d) sale of lottery tickets
  - (e) operation (exploitation) of coin-operated gambling machines
  - (f) operation of virtual gambling web sites

**Excludes:** operation (exploitation) of coin-operated games, see 93299

**R**

## **DIVISION 93 SPORTS ACTIVITIES AND AMUSEMENT AND RECREATION ACTIVITIES**

This division includes the provision of recreational, amusement and sports activities (except museums activities, preservation of historical sites, botanical and zoological gardens and nature reserves activities; and gambling and betting activities).

Excluded from this division are dramatic arts, music and other arts and entertainment such as the production of live theatrical presentations, concerts and opera or dance productions and other stage productions, see division 90.

### **GROUP 931 Sports activities**

This group includes the operation of sports facilities; activities of sports teams or clubs primarily participating in live sports events before a paying audience; independent athletes engaged in participating in live sporting or racing events before a paying audience; owners of racing participants such as cars, dogs, horses, etc. primarily engaged in entering them in racing events or other spectator sports events; sports trainers providing specialized services to support participants in sports events or competitions; operators of arenas and stadiums; other activities of organizing, promoting or managing sports events, n.e.c.

### **GROUP 932 Other amusement and recreation activities**

This group includes the activities of a wide range of units that operate facilities or provide services to meet the varied recreational interests of their patrons including the operation of a variety of attractions, such as mechanical rides, water rides, games, shows, theme exhibits and picnic grounds.

**R**

**DIVISION 93 : SPORTS ACTIVITIES AND AMUSEMENT AND RECREATION ACTIVITIES**  
**Group 931 : Sports activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
9311 <sup>(1)</sup>		<b>Operation of sports facilities for indoor or outdoor sports events</b>	
	93111	Football, hockey, cricket, baseball, badminton, futsal, paintball	92419p
	93112	Racetracks for auto <sup>(2)</sup>	92419p
	93113	Equestrian clubs	92413
	93114	Swimming pools and stadiums, ice-skating arenas	92419p
	93115	Track and field stadium	92419p
	93116	Golf courses	92411
	93117	Bowling centre	92419p
	93118	Fitness centres	92419p
	93119	Organization and operation of outdoor or indoor sports events for professionals or amateurs by organizations with own facilities <sup>(3)</sup>	92415, 92419p

- (1) **Excludes:** (a) renting of recreation and sports equipment, see 7721  
(b) park and beach activities, see 93291
- (2) **Includes:** racetrack for dog, horse races
- (3) **Includes:** (a) managing and providing the staff to operate these facilities  
(b) snooker centres



DIVISION 93 : SPORTS ACTIVITIES AND AMUSEMENT AND RECREATION ACTIVITIES  
 Group 931 : Sports activities

CLASS	ITEM	DESCRIPTION	MSIC 2000
9312 <sup>(1)</sup>		<b>Activities of sports clubs</b>	
	93120	The operation of sports clubs such as football club, bowling club, swimming club	92412
9319 <sup>(2)</sup>		<b>Other sports activities</b>	
	93191	Activities of producers or promoters of sports events, with or without facilities	92414p
	93192	Activities of sports leagues and regulating bodies	92419p
	93193	Activities of related to promotion of sporting events	92414p
	93199	Other sports activities n.e.c. <sup>(3)</sup>	92419p

- (1) **Excludes** (a) sports instruction by individual teachers, trainers, see 85419  
 (b) operation of sports facilities, see 9311  
 (c) organization and operation of outdoor or indoor sports events for professionals or amateurs by sports clubs with their own facilities, see 93119
- (2) **Excludes** (a) breeding of racing horses, see 01420  
 (b) renting of sports equipment, see 7721  
 (c) activities of sport and game schools, see 8541  
 (d) activities of sports instructors, teachers, coaches, see 85419  
 (e) organization and operation of outdoor or indoor sports events for professionals or amateurs by sports clubs with/without own facilities, see 93119, 93120  
 (f) park and beach activities, see 93291
- (3) **Includes** (a) activities of individual own-account sportsmen and athletes, referees, judges, timekeepers, etc.  
 (b) activities of racing stables, kennels and garages  
 (c) operation of sport fishing and hunting preserves  
 (d) support activities for sport or recreational hunting and fishing



**DIVISION 93 : SPORTS ACTIVITIES AND AMUSEMENT AND RECREATION ACTIVITIES**  
**Group 932 : Other amusement and recreation activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
9321		<b>Activities of amusement parks and theme parks</b>	
	93210	Activities of amusement parks and theme parks <sup>(1)</sup>	92494p
9329 <sup>(2)</sup>		<b>Other amusement and recreation activities n.e.c.</b>	
	93291	Activities of recreation parks and beaches <sup>(3)</sup>	92494p
	93292	Operation of recreational transport facilities <sup>(4)</sup>	92499p
	93293	Renting of leisure and pleasure equipment as an integral part of recreational facilities	92499p
	93294	Operation of fairs and shows of a recreational nature	92499p
	93295	Operation of discotheques and dance floors	92192

(1) **Includes:** operation of mechanical rides, water rides, games, shows, theme exhibits and picnic grounds

(2) **Excludes:** (a) fishing cruises (sea and coastal), see 50113, fishing cruises (inland water), see 50212  
 (b) the provision of space and facilities for short stay by visitors in recreational parks and forests and campgrounds, see 55200  
 (c) beverage serving activities of discotheques, see 56301  
 (d) trailer parks, campgrounds, recreational camps, hunting and fishing camps, campsites and campgrounds, see 55200  
 (e) separate renting of leisure and pleasure equipment, see 7721  
 (f) operation (exploitation) of coin-operated gambling machines, see 92000  
 (g) activities of amusement parks and theme parks, see 93210

(3) **Includes:** renting of facilities such as bathhouses, lockers, chairs, etc.

(4) **Includes:** operation of marinas

**R**

DIVISION 93 : SPORTS ACTIVITIES AND AMUSEMENT AND RECREATION ACTIVITIES  
Group 932 : Other amusement and recreation activities

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CLASS	ITEM	DESCRIPTION	MSIC 2000
	93296	Activities of producers or entrepreneurs of live events other than arts or sports events, with or without facilities	92499p
	93297	Cyber Café/Internet Centre	92419p, 92499p
	93299	Any other amusement and recreation activities n.e.c. <sup>(1)</sup>	92499p

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(1) **Includes:** operation (exploitation) of coin-operated games

**R**

**S**

**OTHER SERVICE ACTIVITIES**

- 94 Activities of membership organizations
- 95 Repair of computers and personal and household goods
- 96 Other personal service activities

**S**

**SECTION S : OTHER SERVICE ACTIVITIES**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	3
GROUP	6
CLASS	17
ITEM	49

This section (as a residual category) includes the activities of membership organizations, the repair of computers and personal and household goods and a variety of personal service activities not covered elsewhere in the MSIC.

**DIVISION 94 ACTIVITIES OF MEMBERSHIP ORGANIZATIONS**

This division includes activities of organizations representing interests of special groups or promoting ideas to the general public. These organizations usually have a constituency of members, but their activities may involve and benefit non-members as well. The primary breakdown of this division is determined by the purpose that these organizations serve, namely interests of employers, self-employed individuals and the scientific community (group 941), interests of employees (group 942) or promotion of religious, political, cultural, educational or recreational ideas and activities (group 949).

**GROUP 941 Activities of business, employers and professional membership organizations**

This group includes the activities of units that promote the interests of the members of business and employers organizations. In the case of professional membership organizations, it also includes the activities of promoting the professional interests of members of the profession.

**GROUP 942 Activities of trade unions**

This group includes promoting of the interests of organized labour and union employees, activities of associations whose members are employees interested chiefly in the representation of their views concerning the salary and work situation, and in concerted action through organization and activities of single plant unions, of unions composed of affiliated branches labour organizations composed of affiliated unions on the basis of trade, region, organizational structure or other criteria.

**S**

**GROUP 949 Activities of other membership organizations**

This group includes the activities of units (except business and employers organizations, professional organizations, trade unions) that promote the interests of their members.



**DIVISION 94 : ACTIVITIES OF MEMBERSHIP ORGANIZATIONS**  
**Group 941 : Activities of business, employers and professional membership organizations**

CLASS	ITEM	DESCRIPTION	MSIC 2000
<b>9411<sup>(1)</sup></b>		<b>Activities of business and employers membership organizations</b>	
	94110	Activities of business and employers membership organizations	91110
<b>9412<sup>(2)</sup></b>		<b>Activities of professional membership organizations</b>	
	94120	Activities of professional membership organizations	91120

(1) **Excludes:** activities of trade unions, see 94200

(2) **Excludes:** education provided by these organizations, see division 85



**DIVISION 94 : ACTIVITIES OF MEMBERSHIP ORGANIZATIONS****Group 942 : Activities of trade unions**

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CLASS	ITEM	DESCRIPTION	MSIC 2000
9420 <sup>(1)</sup>		Activities of trade unions	
	94200	Activities of trade unions	91200

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(1) **Excludes:** education provided by such organizations, see division 85



**DIVISION 94 : ACTIVITIES OF MEMBERSHIP ORGANIZATIONS****Group 949 : Activities of other membership organizations**

CLASS	ITEM	DESCRIPTION	MSIC 2000
9491 <sup>(1)</sup>		<b>Activities of religious organizations</b>	
	94910	Activities of religious organizations	91910
9492		<b>Activities of political organizations</b>	
	94920	Activities of political organizations	91920
9499 <sup>(2)</sup>		<b>Activities of other membership organizations n.e.c.</b>	
	94990	Activities of other membership organizations n.e.c. <sup>(3)</sup>	01500p, 65994p, 91991,91992, 91993p, 91999p

- (1) **Excludes:** (a) education provided by such organizations, see division 85  
(b) health activities by such organizations, see divisions 86  
(c) social work activities by such organizations, see divisions 87, 88
- (2) **Excludes:** (a) activities of professional artistic groups or organization, see 9000  
(b) activities of sports clubs, see 93120  
(c) activities of professional associations, see 94120
- (3) **Includes:** (a) consumer associations, automobile associations, associations of youth, book clubs, senior citizens clubs, etc.  
(b) service activities to promote commercial hunting and trapping  
(c) grant giving activities by membership organization

**DIVISION 95 REPAIR OF COMPUTERS AND PERSONAL AND HOUSEHOLD GOODS**

This division includes the repair and maintenance of computers peripheral equipment such as desktops, laptops, computer terminals, storage devices and printers. It also includes the repair of communications equipment such as fax machines, two-way radios and consumer electronics such as radios and TVs, home and garden equipment such as lawn-mowers and blowers, footwear and leather goods, furniture and home furnishings, clothing and clothing accessories, sporting goods, musical instruments, hobby articles and other personal and household goods.

Excluded from this division is the repair of medical and diagnostic imaging equipment, measuring and surveying instruments, laboratory instruments, radar and sonar equipment, see 3313.

**GROUP 951 Repair of computers and communication equipment**

This group includes the repair and maintenance of computers and peripheral equipment and communications equipment.

**GROUP 952 Repair of personal and household goods**

This group includes the repair and servicing of personal and household goods.

**DIVISION 95 : REPAIR OF COMPUTERS AND PERSONAL AND HOUSEHOLD GOODS**  
**Group 951 : Repair of computers and communication equipment**

CLASS	ITEM	DESCRIPTION	MSIC 2000
9511 <sup>(1)</sup>		<b>Repair of computers and peripheral equipment</b>	
	95111	Repair of electronic equipment <sup>(2)</sup>	72500p
	95112	Repair and maintenance of computer terminals <sup>(3)</sup>	72500p
	95113	Repair and maintenance of hand-held computers (PDA's)	72500p
9512		<b>Repair and maintenance of communication equipment</b>	
	95121	Repair and maintenance of cordless telephones	52602p
	95122	Repair and maintenance of cellular phones	52602p
	95123	Repair and maintenance of carrier equipment modems	52602p
	95124	Repair and maintenance of fax machines	52602p
	95125	Repair and maintenance of communications transmission equipment <sup>(4)</sup>	52602p
	95126	Repair and maintenance of two-way radios	52602p
	95127	Repair and maintenance of commercial TV and video cameras	32200p

- (1) **Excludes:** the repair and maintenance of carrier equipment modems, see 95125
- (2) **Includes:** repair of computers and computing machinery and peripheral equipment such as desktop computers, laptop computers, magnetic disk drives, printers, monitors, keyboards, mice, joysticks and trackball accessories, internal and external computer modems, dedicated computer terminals, computer servers, scanners, including bar code scanners, smart card readers, virtual reality helmets and computer projectors, etc.
- (3) **Includes:** repair and maintenance of computer terminals like automatic teller machines (ATM's); point-of-sale (POS) terminals, not mechanically operated
- (4) **Includes:** repair and maintenance of routers, bridges, modems



**DIVISION 95 : REPAIR OF COMPUTERS AND PERSONAL AND HOUSEHOLD GOODS**  
**Group 952 : Repair of personal and household goods**

CLASS	ITEM	DESCRIPTION	MSIC 2000
9521		<b>Repair of consumer electronics</b>	
	95211	Repair and maintenance of television, radio receivers	52602p
	95212	Repair and maintenance of (VCR/DVD/VCD)	52602p
	95213	Repair and maintenance of CD players	52602p
	95214	Repair and maintenance of household-type video cameras	32300p, 52602p
9522 <sup>(1)</sup>		<b>Repair of household appliances and home and garden equipment</b>	
	95221	Repair and servicing of household appliances <sup>(2)</sup>	52602p
	95222	Repair and servicing of home and garden equipment <sup>(3)</sup>	52609p

- (1) **Excludes:** (a) repair of hand held power tools, see 33120  
(b) repair of central air conditioning systems, see 43225
- (2) **Includes:** (a) repair and servicing of refrigerators  
(b) repair and servicing of stoves  
(c) repair and servicing of washing machines  
(d) repair and servicing of clothes dryers  
(e) repair and servicing of room air conditioners, etc.
- (3) **Includes:** (a) repair and servicing of lawnmowers  
(b) repair and servicing of edgers  
(c) repair and servicing of leaf-blowers  
(d) repair and servicing of trimmers



**DIVISION 95 : REPAIR OF COMPUTERS AND PERSONAL AND HOUSEHOLD GOODS**  
**Group 952 : Repair of personal and household goods**

CLASS	ITEM	DESCRIPTION	MSIC 2000
9523		<b>Repair of footwear and leather goods</b>	
	95230	Repair of footwear and leather goods <sup>(1)</sup>	52601
9524		<b>Repair of furniture and home furnishings</b>	
	95240	Repair of furniture and home furnishings <sup>(2)</sup>	36101p, 36102p, 36109p, 52609p
9529 <sup>(3)</sup>		<b>Repair of personal and household goods, n.e.c.</b>	
	95291	Repair of bicycles	52604
	95292	Repair and alteration of clothing	52609p
	95293	Repair and alteration of jewellery	52603p
	95294	Repair of watches, clocks and their parts	52603p
	95295	Repair of sporting goods <sup>(4)</sup>	52609
	95296	Repair of musical instruments	52354p
	95299	Repair of other personal and household goods n.e.c. <sup>(5)</sup>	52609p

(1) **Includes:** repair of footwear and leather goods such as boots, shoes, fitting of heels, luggage and the like

(2) **Includes:** (a) reupholstering of furniture and home furnishings  
 (b) refinishing of furniture and home furnishings  
 (c) repairing and restoring of furniture and home furnishings  
 (d) repairing and restoring of office furniture  
 (e) assembly of self-standing furniture

(3) **Excludes:** (a) industrial engraving of metals, see 25920  
 (b) repair of hand held power tools, see 33120  
 (c) repair of sporting and recreational guns, see 33120  
 (d) repair of time clocks, time/date stamps, time locks and similar time recording devices, see 33131

(4) **Excludes:** repair of sporting guns, see 33120

(5) **Includes:** (a) providing key duplication services  
 (b) repair of books  
 (c) repair of musical instruments  
 (d) repair of toys and similar articles



**DIVISION 96 OTHER PERSONAL SERVICE ACTIVITIES**

This division includes all service activities not mentioned elsewhere in the classification. Notably it includes types of services such as washing and (dry) cleaning of textiles and fur products, hairdressing and other beauty treatment, funeral and related activities.

**GROUP 960 Other personal service activities**

This group includes washing and (dry-) cleaning of textile and fur products; hairdressing and other beauty treatment; funeral and related activities; other personal service activities n.e.c.



**DIVISION 96 : OTHER PERSONAL SERVICE ACTIVITIES****Group 960 : Other personal service activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
9601 <sup>(1)</sup>		<b>Washing and (dry-) cleaning of textile and fur products</b>	
	96011	Laundering and dry-cleaning, pressing	93010p
	96012	Carpet and rug shampooing, and drapery and curtain cleaning, whether on clients' premises or not	93010p
	96013	Provision of linens, work uniforms and related items by laundries	93010p
	96014	Diaper supply services	93010p
9602 <sup>(2)</sup>		<b>Hairdressing and other beauty treatment</b>	
	96020	Hairdressing and other beauty treatment	93021, 93022, 93023
9603 <sup>(3)</sup>		<b>Funeral and related activities of human or animal corpses and related activities</b>	
	96031	Preparing the dead for burial or cremation and embalming and morticians' services	93030p
	96032	Providing burial or cremation services	93030p
	96033	Rental of equipped space in funeral parlours	93030p
	96034	Rental or sale of graves	93030p
	96035	Maintenance of graves and mausoleums	93030p

- (1) **Excludes:** (a) renting of clothing other than work uniforms, even if cleaning of these goods is an integral part of the activity, see 7730  
 (b) repair and alteration of clothing, etc., as an independent activity, see 95292
- (2) **Excludes:** manufacture of wigs, see 32909
- (3) **Excludes:** religious funeral service activities, see 94910

**DIVISION 96 : OTHER PERSONAL SERVICE ACTIVITIES****Group 960 : Other personal service activities**

CLASS	ITEM	DESCRIPTION	MSIC 2000
9609 <sup>(1)</sup>		<b>Other service activities n.e.c.</b>	
	96091	Activities of sauna, steam baths, massage salons	93092
	96092	Astrological and spiritualists' activities	93099p
	96093	Social activities such as escort services, dating services, services of marriage bureaux	93091, 93093
	96094	Pet care services <sup>(2)</sup>	93099p
	96095	Genealogical organizations	93099p
	96096	Shoe shiners, porters, valet car parkers	93099p
	96097	Concession operation of coin-operated personal service machines <sup>(3)</sup>	93099p
	96099	Other service activities n.e.c.	93099p

(1) **Excludes:** (a) veterinary activities, see 75000  
(b) activities of fitness centres, see 93118

(2) **Includes:** boarding, grooming, sitting and training pets

(3) **Includes:** (a) photo booths  
(b) weighing machines  
(c) coin operated lockers

**T**

**ACTIVITIES OF HOUSEHOLDS  
AS EMPLOYERS;  
UNDIFFERENTIATED GOODS-  
AND SERVICES- PRODUCING  
ACTIVITIES OF HOUSEHOLDS  
FOR OWN USE**

- 97 Activities of households as employers of domestic personnel
- 98 Undifferentiated goods-and services-producing activities of private households for own use

**T**

**SECTION T : ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS;  
UNDIFFERENTIATED GOODS- AND SERVICES- PRODUCING ACTIVITIES OF  
HOUSEHOLDS FOR OWN USE**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	2
GROUP	3
CLASS	3
ITEM	3

This section includes activities of households as employers of domestic personnel and undifferentiated goods and services-producing activity of private households for own use.

**DIVISION 97 ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS OF DOMESTIC PERSONNEL**

This division includes the activities of households as employers of domestic personnel such as maids, cooks, waiters, valets, butlers, laundresses, gardeners, gatekeepers, stable-lads, chauffeurs, caretakers, governesses, babysitters, tutors, secretaries, etc.

It allows the domestic personnel employed to state the activity of their employer in censuses or studies, even though the employer is an individual. The product produced by this activity is consumed by the employing household.

This division excludes provision of services such as cooking, gardening, etc. by independent service providers (companies or individuals), see MSIC class according to type of service.

**GROUP 970 Activities of households as employers of domestic personnel**

See division 97.



**DIVISION 97 : ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS OF DOMESTIC PERSONNEL****Group 970 : Activities of households as employers of domestic personnel**

CLASS	ITEM	DESCRIPTION	MSIC 2000
9700 <sup>(1)</sup>		Activities of households as employers of domestic personnel	
	97000	Activities of households as employers of domestic personnel <sup>(2)</sup>	95000

- (1) **Excludes:**
- (a) provision of services (e.g. cooking, gardening) by independent service providers (companies or individuals), see according to type of service
  - (b) other support activities typically provided to businesses not elsewhere classified such as runner classified in class 82990
  - (c) repossession services are classified in class 82990
  - (d) photographic activities is classified in class 74200
  - (e) renovation and repair of dwellings and other structures are classified in class 4100 construction of buildings
  - (f) repair of personal and household goods is classified in group 952
- (2) **Includes:** the activities of households as employers of domestic personnel (e.g. maids, cooks, waiters, valets, butlers, laundresses, gardeners, gatekeepers, stable-lads, chauffeurs, caretakers, governesses, babysitters, tutors, secretaries, household cleaners, individuals providing confinement services, grass cutter)



**DIVISION 98 UNDIFFERENTIATED GOODS- AND SERVICES-PRODUCING ACTIVITIES OF PRIVATE HOUSEHOLDS FOR OWN USE**

This division includes the undifferentiated subsistence goods-producing and services-producing activities of households.

Households should be classified here only if it is impossible to identify a primary activity for the subsistence activities of the household. If the household engages in market activities, it should be classified according to the primary market activity carried out.

**GROUP 981 Undifferentiated goods-producing activities of private households for own use**

This group includes the undifferentiated subsistence goods-producing activities of households, that is to say, the activities of households that are engaged in a variety of activities that produce goods for their own subsistence. These activities include hunting and gathering, farming, the production of shelter and clothing and other goods produced by the household for its own subsistence. In application, if households are also engaged in the production of marketed goods, they are classified to the appropriate goods-producing industry of MSIC. If household principally engaged in a specific goods-producing subsistence activity, they are classified to the appropriate goods-producing industry of MSIC.

**GROUP 982 Undifferentiated service-producing activities of private households for own use**

This group contains the undifferentiated subsistence services-producing activities of households i.e. the activities of households that are engaged in a variety of activities that produce services for their own subsistence. These activities include cooking, teaching, caring for household members and other services produced by the household for its own subsistence. In application, if households are also engaged in the production of multiple goods for subsistence purposes, they are classified to the undifferentiated goods-producing subsistence activities of households.



**DIVISION 98 : UNDIFFERENTIATED GOODS AND SERVICES-PRODUCING ACTIVITIES OF PRIVATE HOUSEHOLDS FOR OWN USE**

**Group 981 : Undifferentiated goods-producing activities of private households for own use**

CLASS	ITEM	DESCRIPTION	MSIC 2000
9810 <sup>(1)</sup>		<b>Undifferentiated goods-producing activities of private households for own use</b>	
	98100	Undifferentiated goods-producing activities of private households for own use <sup>(2)</sup>	n.c.

- (1) **Includes:**
- (a) if households are also engaged in the production of marketed goods, they are classified to the appropriate goods-producing industry of MSIC
  - (b) if households are principally engaged in a specific goods-producing subsistence activity, they are classified to the appropriate goods-producing industry of MSIC
- (2) **Includes:**
- (a) hunting and gathering for own use
  - (b) fishing and rearing of poultry and livestock for own use
  - (c) farming for own use
  - (d) production of shelter and clothing for own use



**DIVISION 98 : UNDIFFERENTIATED GOODS AND SERVICES-PRODUCING ACTIVITIES OF PRIVATE HOUSEHOLDS FOR OWN USE**

**Group 982 : Undifferentiated service-producing activities of private households for own use**

CLASS	ITEM	DESCRIPTION	MSIC 2000
9820 <sup>(1)</sup>		<b>Undifferentiated service-producing activities of private households for own use</b>	
	98200	Undifferentiated service-producing activities of private households for own use <sup>(2)</sup>	n.c.

(1) **Includes:** if households are also engaged in the production of multiple goods for subsistence purposes, they are classified to the undifferentiated goods-producing subsistence activities of households

(2) **Includes:**

(a) Domestic services for own final use within household:

- food management
- cleaning and upkeep of dwelling and surroundings
- do-it-yourself decoration
- maintenance and small repairs
- care of textiles and footwear
- household management
- pet care
- shopping for/purchasing of goods and related activities
- shopping for/availing of services and related activities, etc.

(b) Care-giving services to household members:

- child care i.e. caring for children-physical care, teaching, training, helping children, accompanying children to places, minding children (passive care)
- adults care i.e. caring for adults-physical care, caring for adults-emotional support, accompanying adults to places, etc.

(c) Community services and help to other households:

- child care as help to other households
- adult care as help to other households



U

**ACTIVITIES OF  
EXTRATERRITORIAL  
ORGANIZATIONS AND  
BODIES**

99 Activities of extraterritorial  
organizations and bodies

U

**SECTION U : ACTIVITIES OF EXTRATERRITORIAL ORGANIZATIONS AND BODIES**

LEVEL	MSIC 2008 Ver. 1.0
DIVISION	1
GROUP	1
CLASS	1
ITEM	1

This section includes activities of international organizations such as the United Nations and the specialized agencies of the United Nations system, regional bodies, etc. and also includes activities of diplomatic and consular missions when being determined by the country of their location rather than by the country they represent.

**DIVISION 99 Activities of extraterritorial organizations and bodies**

This division includes activities of international organizations such as the United Nations and the specialized agencies of the United Nations system, regional bodies, etc., the International Monetary Fund, the World Bank, the World Customs Organization, the Organization for Economic Co-operation and Development, the Organization of Petroleum Exporting Countries, the European Communities, the European Free Trade Association, etc. and activities of diplomatic and consular missions when being determined by the country of their location rather than by the country they represent.

**GROUP 990 Activities of extraterritorial organizations and bodies**

See division 99.

**DIVISION 99 : ACTIVITIES OF EXTRATERRITORIAL ORGANIZATIONS AND BODIES**  
**Group 990 : Activities of extraterritorial organization and bodies**

CLASS	ITEM	DESCRIPTION	MSIC 2000
9900		<b>Activities of extraterritorial organizations and bodies</b>	
	99000	Activities of extraterritorial organizations and bodies <sup>(1)</sup>	99000

- (1) **Includes** : the activities of international organizations such as:
- (a) United Nations and its specialized agencies, regional bodies
  - (b) Organization of American States
  - (c) Council for Mutual Economic Assistance
  - (d) European Communities
  - (e) Organization for Economic Co-operation and Development
  - (f) Organization for African Unity
  - (g) League of Arab States, Association of South East Asian Nations (ASEAN)
  - (h) Association of Natural Rubber Producing Countries (ANRPC)
  - (i) Association of Tin Producing Countries (ATPC)
  - (j) Asia Pacific Development Centre (APDC)
  - (k) Customs Co-operation Council
  - (l) Organization of Oil Producing and Exporting Countries (OPEC)
  - (m) International Monetary Fund (IMF)
  - (n) World Bank

# **APPENDIX**

## **APPENDIX 1**

**Correspondence table between  
MIC 1972(U), MSIC 2000 and  
MSIC 2008 VER. 1.0**

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
<b>AGRICULTURE, FORESTRY AND FISHING</b>			
<b>Growing of non-perennial crops</b>			
11119p	01119p	01111	Growing of maize
11119p	01119p	01112	Growing of leguminous crops
11119p	01119p	01113	Growing of oil seeds
11119p	01119p	01119	Growing of other cereals n.e.c.
11111	01111	01120	Growing of paddy
11115p	01121p	01131	Growing of leafy or stem vegetables
11115p	01121p	01132	Growing of fruits bearing vegetables
11134p, 11139p	01139p	01133	Growing of melons
11115p	01121p	01134	Growing of mushrooms and truffles
11115p	01121p	01135	Growing of vegetables seeds, except beet seeds
11115p	01121p	01136	Growing of other vegetables
11115p	01121p	01137	Growing of sugar beet
11113	01114	01138	Growing of roots, tubers, bulb or tuberous vegetables
11115p	01121p	01138	Growing of roots, tubers, bulb or tuberous vegetables
11114	01113	01140	Growing of sugar cane
11112	01112	01150	Growing of tobacco
11119p	01119p	01160	Growing of fibre crops
11119p	01129p	01191	Growing of flowers
11119p	01129p	01192	Growing of flower seeds
11134p, 11139p	01139p	01193	Growing of sago (rumbia)
11119p	01119p	01193	Growing of sago (rumbia)
11119p	01119p	01199	Growing of other non-perennial crops n.e.c.
11134p, 11139p	01139p	01210	Growing of grapes
11133	01135	01221	Growing of banana
11134p, 11139p	01139p	01222	Growing of mango

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
11134p, 11139p	01138	01223	Growing of <i>durian</i>
11134p, 11139p	01139p	01224	Growing of <i>rambutan</i>
11134p, 11139p	01139p	01225	Growing of star fruit
11134p, 11139p	01139p	01226	Growing of papaya
11132	01134	01227	Growing of pineapple
11134p, 11139p	01139p	01228	Growing of pitaya (dragon fruit)
11134p, 11139p	01139p	01229	Growing of others tropical and subtropical fruits n.e.c.
11134p, 11139p	01139p	01231	Growing of pomelo
11134p, 11139p	01139p	01232	Growing of lemon and limes
11134p, 11139p	01139p	01233	Growing of tangerines and mandarin
11134p, 11139p	01139p	01239	Growing of other citrus fruits n.e.c.
11134p, 11139p	01139p	01241	Growing of guava
11134p, 11139p	01139p	01249	Growing of other pome fruits and stones fruits n.e.c.
11134p, 11139p	01139p	01251	Growing of berries
11134p, 11139p	01139p	01252	Growing of fruit seeds
11134p, 11139p	01139p	01253	Growing of edible nuts
11134p, 11139p	01139p	01259	Growing of other tree and bush fruits
11123	01117	01261	Growing of oil palm (estate)
11124	01118	01262	Growing of oil palm (smallholdings)
11125, 11126	01137	01263	Growing of coconuts (estate and smallholdings)
11119p	01119p	01269	Growing of other oleaginous fruits n.e.c.
11128	01133	01271	Growing of coffee
11127	01132	01272	Growing of tea
11129	01131	01273	Growing of cocoa
11134p, 11139p	01139p	01279	Growing of other beverage crops n.e.c.
11131	01136	01281	Growing of pepper ( <i>piper nigrum</i> )
11115p	01121p	01282	Growing of chillies and pepper ( <i>capsicum</i> spp.)
11119p	01119p	01283	Growing of nutmeg
11119p	01119p	01284	Growing of ginger

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
11134p, 11139p	01139p	01285	Growing of plants used primarily in perfumery, in pharmacy or for insecticidal, fungicidal or similar purposes
11119p	01119p	01289	Growing of other spices and aromatic crops n.e.c.
11121	01115	01291	Growing of rubber trees (estate)
11122	01116	01292	Growing of rubber trees (smallholdings)
11134p, 11139p	01139p	01293	Growing of trees for extraction of sap
11134p, 11139p	01139p	01294	Growing of nipa palm
11134p, 11139p	01139p	01295	Growing of areca
11134p, 11139p	01139p	01296	Growing of roselle
11134p, 11139p	01139p	01299	Growing of other perennial crops n.e.c.
11115p	01129p	01301	Growing of plants for planting
12109p	02009p	01301	Growing of plants for planting
11119p	01129p	01302	Growing of plants for ornamental purposes
11115p	01121p	01303	Growing of live plants for bulbs, tubers and roots; cuttings and slips; mushroom spawn
11119p	01129p	01304	Operation of tree nurseries
12109p	02009p	01304	Operation of tree nurseries
11199p	01219p	01411	Raising, breeding and production of cattle or buffaloes
11192p	01211p	01411	Raising, breeding and production of cattle or buffaloes
11192p	01211p	01412	Production of raw milk from cows or buffaloes
11192p	01211p	01413	Production of bovine semen
11199p	01219p	01420	Raising and breeding of horses, asses, mules or hinnies
11199p	01219p	01430	Raising and breeding of camels (dromedary) and camelids
11199p	01219p	01441	Raising, breeding and production of sheep and goats
11199p	01219p	01442	Production of raw sheep or goat's milk
11199p	01219p	01443	Production of raw wool

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
11191	01213	01450	Raising, breeding and production of swine/pigs
11193p	01212p	01461	Raising, breeding and production of chicken, broiler
11193p	01212p	01462	Raising, breeding and production of ducks
11193p	01212p	01463	Raising, breeding and production of geese
11193p	01212p	01464	Raising, breeding and production of quails
11193p	01212p	01465	Raising and breeding of other poultry n.e.c.
11193p	01212p	01466	Production of chicken eggs
11193p	01212p	01467	Production of duck eggs
11193p	01212p	01468	Production of other poultry eggs n.e.c.
11193p	01212p	01469	Operation of poultry hatcheries
11199p	01219p	01491	Raising, breeding and production of semi-domesticated
11199p	01219p	01492	Production of fur skins, reptile or bird's skins from ranching operation
11199p	01219p	01493	Operation of worm farms, land mollusc farms, snail farms
11199p	01219p	01494	Raising of silk worms and production of silk worm cocoons
11199p	01219p	01495	Bee keeping and production of honey and beeswax
11199p	01219p	01496	Raising and breeding of pet animals
11199p	01219p	01497	Raising and breeding of swiflet
11199p	01219p	01499	Raising of diverse/ other animals n.e.c.
11119p, 11139p, 11199p	01300	01500	Mixed farming
11200p	01400p	01610	Agricultural activities for crops production on a fee or contract basis
11200p	01400p	01620	Agricultural activities for animal production on a fee or contract basis
38199p	28920p	01620	Agricultural activities for animal production on a fee or contract basis

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
11200p	01400p	01631	Preparation of crops for primary markets
11200p	01400p	01632	Preparation of tobacco leaves
11112p	01112p	01632	Preparation of tobacco leaves
11200p	01400p	01633	Preparation of cocoa beans
11200p	01400p	01634	Sun-drying of fruits and vegetables
11200p	01400p	01640	Seed processing for propagation
11300p	01500p	01701	Hunting and trapping on a commercial basis
11300p	01500p	01702	Taking of animals (dead or alive)
<b>Forestry and logging</b>			
12109p	02009p	02101	Planting, replanting, transplanting, thinning and conserving of forests and timber tracts
12109p	02009p	02102	Growing of coppice, pulpwood and fire wood
12109p	02009p	02103	Operation of forest tree nurseries
12109p	02009p	02104	Collection and raising of wildings (peat swamp forest tree species)
12109p	02009p	02105	Forest plantation
12200p	02001p	02201	Production of round wood for forest-based manufacturing industries
12200p	02001p	02202	Production of round wood used in an unprocessed form
12102	02003	02203	Production of charcoal in the forest (using traditional methods)
12200p	02006	02204	Rubber wood logging
12101p	02002p	02301	Collection of rattan, bamboo
12101p	02005	02302	Bird's nest collection
12101p	02004	02303	Wild sago palm collection
12101p	02002p	02309	Gathering of non-wood forest products n.e.c.
12109p	02009p	02401	Carrying out part of the forestry and forest plantation operation on a fee or contract basis for forestry service activities

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
83291	74141p	02401	Carrying out part of the forestry and forest plantation operation on a fee or contract basis for forestry service activities
12109p	02009p	02402	Carrying out part of the forestry operation on a fee or contract basis for logging service activities
<b>Fishing and aquaculture</b>			
13010p	05001	03111	Fishing on a commercial basis in ocean and coastal waters
13010p	05001p	03112	Collection of marine crustaceans and molluscs
13010p	05001p	03113	Taking of aquatic animals: sea squirts, tunicates, sea urchins
13010p	05001p	03114	Activities of vessels engaged both in fishing and in processing and preserving of fish
13010p	05001p	03115	Gathering of other marine organisms and materials (natural pearls, sponges, coral and algae)
13010p	05009p	03119	Marine fishing n.e.c.
13010p, 13021p	05002p	03121	Fishing on a commercial basis in inland waters
13010p, 13021p	05002p	03122	Taking of freshwater crustaceans and molluscs
13010p, 13021p	05002p	03123	Taking of freshwater aquatic animals
13010p, 13021p	05002p	03124	Gathering of freshwater flora and fauna
13010p	05009p	03129	Freshwater fishing n.e.c.
13021p, 13029p	05003p	03211	Fish farming in sea water
13021p, 13029p	05003p	03212	Production of bivalve spat (oyster, mussel), lobster lings, shrimp post-larvae, fish fry and fingerlings
13021p, 13029p	05003p	03213	Growing of laver and other edible seaweeds
13021p, 13029p	05003p	03214	Culture of crustaceans, bivalves, other molluscs and other aquatic animals in sea water

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
13021p, 13029p	05003p	03215	Aquaculture activities in brackish water
13021p, 13029p	05003p	03216	Aquaculture activities in salt water filled tanks or reservoirs
13021p, 13029p	05003p	03217	Operation of hatcheries (marine)
13021p, 13029p	05003p	03218	Operation of marine worm farms for fish feed
13010p, 13029p	05009p	03219	Marine aquaculture n.e.c.
13021p, 13029p	05003p	03221	Fish farming in freshwater
13021p, 13029p	05003p	03222	Shrimp farming in freshwater
13021p, 13029p	05003p	03223	Culture of freshwater crustaceans, bivalves, other molluscs and other aquatic animals
13021p, 13029p	05003p	03224	Operation of hatcheries (freshwater)
11199p	01219p	03225	Farming of frogs
13010p, 13029p	05009p	03229	Freshwater aquaculture n.e.c.

**MINING AND QUARRYING**

**Mining of coal and lignite**

21000p	10100p	05100	Mining of hard coal
21000p	10100p	05200	Mining of lignite (brown coal)

**Extraction of crude petroleum and natural gas**

22000p	11100p	06101	Extraction of crude petroleum oils
22000p	11100p	06102	Extraction of bituminous or oil shale and tar sand
22000p	11100p	06103	Production of crude petroleum from bituminous shale and sand
22000p	11100p	06104	Processes to obtain crude oils
22000p	11100p	06201	Production of crude gaseous hydrocarbon (natural gas)
22000p	11100p	06202	Extraction of condensates
22000p	11100p	06203	Draining and separation of liquid hydrocarbon fractions

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
22000p	11100p	06204	Gas desulphurization
22000p	11100p	06205	Mining of hydrocarbon liquids, obtain through liquefaction or pyrolysis
<b>Mining of metal ores</b>			
23010p	13100p	07101	Mining of ores valued chiefly for iron content
23010p	13100p	07102	Beneficiation and agglomeration of iron ores
23029p	12000	07210	Mining of uranium and thorium ores
23021, 23022, 23023	13201	07291	Mining of tin ores
23027	13203	07292	Mining of copper
23025	13205	07293	Mining of bauxite (aluminium)
23029p	13206	07294	Mining of ilmenite
23026	13204	07295	Mining of gold
23029p	13209p	07296	Mining of silver
23029p	13209p	07297	Mining of platinum
23024	13202	07298	Amang retreatment
23029p	13209p	07299	Mining of other non-ferrous metal ores n.e.c.
<b>Other mining and quarrying</b>			
29012p	14101p	08101	Quarrying, rough trimming and sawing of monumental and building stone such as marble, granite (dimension stone), sandstone
29011p	14102p	08102	Quarrying, crushing and breaking of limestone
29013p	14109p	08103	Mining of gypsum and anhydrite
29011p	14102p	08104	Mining of chalk and uncalcined dolomite
29013p	14103p	08105	Extraction and dredging of industrial sand, sand for construction and gravel
29013p	14109p	08106	Breaking and crushing of stone and gravel
29013p	14103p	08107	Quarrying of sand
29013p	14108	08107	Quarrying of sand
29013p	14104	08108	Mining of clays, refractory clays and kaolin

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
29013p	14105p	08108	Mining of clays, refractory clays and kaolin
29013p	14106p	08108	Mining of clays, refractory clays and kaolin
29012	14101	08109	Quarrying, crushing and breaking of granite
29021p	14211p	08911	Mining of natural phosphates
29029p	14219p	08912	Mining of natural potassium salts
29029p	14219p	08913	Mining of native sulphur
29029p	14219p	08914	Extraction and preparation of pyrites and pyrrhotite, except roasting
29013p	14107	08915	Mining of natural barium sulphate and carbonate (barytes and witherite)
29090p	14290p	08915	Mining of natural barium sulphate and carbonate (barytes and witherite)
29029p	14219p	08916	Mining of natural borates, natural magnesium sulphates (kieserite)
29029p	14219p	08917	Mining of earth colours, fluorspar and other minerals valued chiefly as a source of chemicals
29021p	14211p	08918	Guano mining
21000p	10100p	08921	Peat digging
21000p	10100p	08922	Peat agglomeration
21000p	10100p	08923	Preparation of peat to improve quality or facilitate transport or storage
29030p	14220	08931	Extraction of salt from underground
29030p	14220p	08932	Salt production by evaporation of sea water or other saline waters
29030p	14220p	08933	Crushing, purification and refining of salt by the producer
29090p	14290p	08991	Mining and quarrying of abrasive materials
29090p	14290p	08992	Mining and quarrying of asbestos
29090p	14290p	08993	Mining and quarrying of siliceous fossil meals
29090p	14290p	08994	Mining and quarrying of natural graphite
29090p	14290p	08995	Mining and quarrying of steatite (talc)
29090p	14290p	08996	Mining and quarrying of gemstones

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
29090p	14290p	08999	Other mining and quarrying n.e.c.
<b>Mining support service activities</b>			
22000	11100p	09101	Oil and gas extraction service activities provided on a fee or contract basis
50013p	11200p	09101	Oil and gas extraction service activities provided on a fee or contract basis
83240p	74212p	09101	Oil and gas extraction service activities provided on a fee or contract basis
83240p	74213p	09101	Oil and gas extraction service activities provided on a fee or contract basis
50013p	11200p	09102	Oil and gas field fire fighting services
21000p	10100p	09900	Support activities for other mining and quarrying
23029p	12000p	09900	Support activities for other mining and quarrying
23010	13100p	09900	Support activities for other mining and quarrying
23029p	13209p	09900	Support activities for other mining and quarrying
29013p	14109p	09900	Support activities for other mining and quarrying
29029	14219p	09900	Support activities for other mining and quarrying
29030	14220p	09900	Support activities for other mining and quarrying
29090	14290p	09900	Support activities for other mining and quarrying
83240p	74212p	09900	Support activities for other mining and quarrying
83240p	74213p	09900	Support activities for other mining and quarrying

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
<b>MANUFACTURING</b>			
<b>Manufacture of food products</b>			
31110p	15119p	10101	Processing and preserving of meat and production of meat products
31110p	15111	10102	Processing and preserving of poultry and poultry products
31110p	15111p	10103	Production of hides and skins originating from slaughterhouses
31110p	15119p	10103	Production of hides and skins originating from slaughterhouses
31110p	15111p	10104	Operation of slaughterhouses engaged in killing, dressing or packing meat
31110p	15119p	10104	Operation of slaughterhouses engaged in killing, dressing or packing meat
31110p	15119p	10109	Processing and preserving of meat n.e.c.
31140p	15120p	10201	Canning of fish, crustaceans and molluscs
31140p	15120p	10202	Processing caring and preserving of fish, crustacean and molluscs
31140p	15120p	10203	Production of fish meals for human consumption or animal feed
31140p	15120p	10204	Production of <i>keropok</i> including <i>keropok lekor</i>
31219p, 31171p	15497p	10204	Production of <i>keropok</i> including <i>keropok lekor</i>
13010p	05001p	10205	Processing of seaweed
31139p	15139p	10301	Manufacture of fruit and vegetable food products
31139p	15139p	10302	Manufacture of fruit and vegetable juices
31131	15131	10303	Pineapple canning
31139p	15139p	10304	Manufacture of jams, marmalades and table jellies
31190p	15495	10305	Manufacture of nuts and nut products
31159p	15149p	10306	Manufacture of bean curd products
31152p	15142	10401	Manufacture of crude palm oil

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
31152p	15143	10402	Manufacture of refined palm oil
31153	15144	10403	Manufacture of palm kernel oil
31159p	15149p	10404	Manufacture of crude and refined vegetable oil
31151	15141	10405	Manufacture of coconut oil
31159p	15149p	10406	Manufacture of compound cooking fats
31159p	15149p	10407	Manufacture of animal oils and fats
31121	15201	10501	Manufacture of ice cream and other edible ice such as sorbet
31129p	15202	10502	Manufacture of condensed, powdered and evaporated milk
31129p	15209	10509	Manufacture of other dairy products n.e.c.
31161, 31162	15311	10611	Rice milling
31169p	15319p	10612	Provision of milling services
31163	15312	10613	Flour milling
31169p	15319	10619	Manufacture of grain mill products n.e.c.
31216	15321	10621	Manufacture of starches and starch products
31219p	15322p	10621	Manufacture of starches and starch products
31164	15323p	10621	Manufacture of starches and starch products
31159p, 31219p	15329	10621	Manufacture of starches and starch products
31219p	15322p	10622	Manufacture of glucose, glucose syrup, maltose, inulin
31164	15323	10623	Manufacture of sago and tapioca flour/products
31171p	15411	10711	Manufacture of biscuits and cookies
31172	15412	10712	Manufacture of bread, cakes and other bakery products
31171p, 31219p	15497p	10713	Manufacture of snack products
31172p	15412p	10714	Manufacture of frozen bakery products
31180	15420p	10721	Manufacture of sugar
31180p	15420p	10722	Manufacture of sugar products
31190p	15431	10731	Manufacture of cocoa products

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
31190p	15432	10732	Manufacture of chocolate and chocolate products
31190p	15432p	10733	Manufacture of sugar confectionery
31214p	15440p	10741	Manufacture of <i>meehoon</i> , noodles and other related product
31214p	15440p	10742	Manufacture of pastas
31110p	15111p	10750	Manufacture of prepared meals and dishes
31110p	15119p	10750	Manufacture of prepared meals and dishes
31140	15120p	10750	Manufacture of prepared meals and dishes
31219p	15499p	10750	Manufacture of prepared meals and dishes
31212	15492	10791	Manufacture of coffee
31213	15493	10792	Manufacture of tea
31219p	15496	10793	Manufacture of sauces and condiments
31215	15494	10794	Manufacture of spices and curry powder
31219p	15499p	10795	Manufacture of egg products
31219p	15499p	10799	Manufacture of other food products n.e.c.
35290p	24290p	10799	Manufacture of other food products n.e.c.
31220	15330	10800	Manufacture of prepared animal feeds
<b>Manufacture of beverages</b>			
31310	15510	11010	Distilling, rectifying and blending of spirits
31320	15520	11020	Manufacture of wines
31330	15530	11030	Manufacture of malt liquors and malt
31340p	15541	11041	Manufacture of soft drinks
31340p	15542	11042	Production of natural mineral waters and other bottled waters
<b>Manufacture of tobacco products</b>			
31400	16000	12000	Manufacture of tobacco products

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
<b>Manufacture of textiles</b>			
32111	17111p	13110	Preparation and spinning of textile fibres
32115	17112p	13110	Preparation and spinning of textile fibres
32111	17111p	13120	Weaving of textiles
32115	17112p	13120	Weaving of textiles
32114	17122	13131	Batik making
32112	17121	13132	Dyeing, bleaching, printing and finishing of yarns and fabrics
32120p	17210p	13139	Other finishing textile
32130	17300p	13910	Manufacture of knitted and crocheted fabrics
32120	17210p	13921	Manufacture of made-up articles of any textile materials, including of knitted or crocheted fabrics
32120p	17210p	13922	Manufacture of made-up furnishing articles
32140	17220	13930	Manufacture of carpets and rugs
32150	17230p	13940	Manufacture of cordage, rope, twine and netting
32113	17291	13990	Manufacture of other textiles n.e.c.
32119, 32190p	17299	13990	Manufacture of other textiles n.e.c.
<b>Manufacture of wearing apparel</b>			
32201	18101p	14101	Manufacture of specific wearing apparel
32202	18102p	14101	Manufacture of specific wearing apparel
32209	18109p	14101	Manufacture of specific wearing apparel
32201	18101	14102	Manufacture of clothings
32202	18102p	14103	Custom tailoring
32209p	18109p	14109	Manufacture of other clothing accessories
32320p	18200p	14200	Manufacture of articles made of fur skins
32130p	17300p	14300	Manufacture of knitted and crocheted apparel

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
<b>Manufacture of leather and related products</b>			
32310	19110	15110	Tanning and dressing of leather; dressing and dyeing of fur
32320	18200p	15110	Tanning and dressing of leather; dressing and dyeing of fur
32330	19120	15120	Manufacture of luggage, handbags and the like, saddlery and harness
32400p, 35593p, 36600p	19200p	15201	Manufacture of leather footwear
32400p, 35593p, 36600p	19200p	15202	Manufacture of plastic footwear
32400p, 35593p, 36600p	19200p	15203	Manufacture of rubber footwear
32400p, 35593p, 36600p	19200p	15209	Manufacture of other footwear n.e.c
<b>Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</b>			
33111, 33113p, 33119p	20100	16100	Sawmilling and planning of wood
33112p	20211	16211	Manufacture of veneer sheet and plywood
33112p	20212p	16211	Manufacture of veneer sheet and plywood
33112p	20212p	16212	Manufacture of particle board and fibreboard
33113p, 33114p	20220p	16221	Manufacture of builders' carpentry
33113p, 33114p	20220p	16222	Manufacture of joinery wood products
33120p	20230p	16230	Manufacture of wooden containers
33119p	20291	16291	Manufacture of wood charcoal
33120p, 33190	20299	16292	Manufacture of other products of wood, cane, articles of cork, straw and plaiting materials
32400, 35593, 35600p	19200p	16292	Manufacture of other products of wood, cane, articles of cork, straw and plaiting materials
33120	20230p	16292	Manufacture of other products of wood, cane, articles of cork, straw and plaiting materials

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
39099, 35290p	36999p	16292	Manufacture of other products of wood, cane, articles of cork, straw and plaiting materials
<b>Manufacture of paper and paper products</b>			
34110	21010	17010	Manufacture of pulp, paper and paperboard
34190p	21091	17010	Manufacture of pulp, paper and paperboard
34120	21020	17020	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
34190p	21092	17091	Manufacture of envelopes and letter-card
34190p	21093	17092	Manufacture of household and personal hygiene paper
34190p	21094	17092	Manufacture of household and personal hygiene paper
34190p	21095	17092	Manufacture of household and personal hygiene paper
34190p	21096	17093	Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper
34190p	21097	17094	Manufacture of effigies, funeral paper goods, joss papers
34190p	21099	17099	Manufacture of other articles of paper and paperboard, n.e.c.
<b>Printing and reproduction of recorded media</b>			
34200p	22210	18110	Printing
34200p	22220	18120	Service activities related to printing
38322p	22300	18200	Reproduction of recorded media
<b>Manufacture of coke and refined petroleum products</b>			
35400p	23100	19100	Manufacture of coke oven products
35111p, 35300p, 35400p	23200p	19201	Manufacture of refined petroleum products
35111p, 35300p, 35400p	23200p	19202	Manufacture of bio-diesel products

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
<b>Manufacture of chemicals and chemical products</b>			
35111p	24111	20111	Manufacture of liquefied or compressed inorganic industrial or medical gases
35119p	24119p	20112	Manufacture of basic organic chemicals
35119p	24119p	20113	Manufacture of inorganic compounds
35119p	24119p	20119	Manufacture of others basic chemicals n.e.c
35119p	23300p	20119	Manufacture of others basic chemicals n.e.c
35120p	24120p	20121	Manufacture of fertilizers
35120p	24120p	20129	Manufacture of associated nitrogen products
35130p	24130p	20131	Manufacture of plastics in primary forms
35130p	24130p	20132	Manufacture of synthetic rubber in primary forms: synthetic rubber, factice
35130p	24130p	20133	Manufacture of mixtures of synthetic rubber and natural rubber or rubber- like gums
35120p	24210	20210	Manufacture of pesticides and other agrochemical products
35210	24221	20221	Manufacture of paints, varnishes and similar coatings ink and mastics
35290p	24222	20222	Manufacture of printing ink
35231	24240p	20231	Manufacture of soap and detergents, cleaning and polishing preparations
35239	24240p	20232	Manufacture of perfumes and toilet preparations
35290p	24290p	20291	Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials
35290p	24290p	20292	Manufacture of writing and drawing ink
35290p	24290p	20299	Manufacture of other chemical products n.e.c.
39099, 35290p	36999p	20299	Manufacture of other chemical products n.e.c.
35130p	24300	20300	Manufacture of man-made fibres

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
<b>Manufacture of basic pharmaceuticals, medicinal chemical and botanical products</b>			
35220p, 35290p	24230p	21001	Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments
35220p	24230p	21002	Processing of blood
35220p, 35290p	24230p	21003	Manufacture of medicaments
35220p, 35290p	24230p	21004	Manufacture of chemical contraceptive products
35220p, 35290p	24230p	21005	Manufacture of medical diagnostic preparation
35119p	24230p	21006	Manufacture of radioactive in-vivo diagnostic substances
35220p, 35290p	24230p	21007	Manufacture of biotech pharmaceuticals
35220p, 35290p	24230p	21009	Manufacture of other pharmaceuticals, medicinal chemical and botanical products n.e.c.
<b>Manufacture of rubber and plastic products</b>			
35510p	25111	22111	Manufacture of rubber tyres and vehicles
35510p	25112	22112	Manufacture of interchangeable tyre treads and retreading rubber tyres
35599p	25199p	22191	Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened
32400, 35593, 35600p	19200p	22192	Manufacture of rubber gloves
35599p	25193	22192	Manufacture of rubber gloves
35591p	25191p	22193	Rubber remilling and latex processing
35592	25192p	22193	Rubber remilling and latex processing
35599p	25199p	22199	Manufacture of other rubber products n.e.c.
35600p	25202p	22201	Manufacture of semi-manufactures of plastic products
35600p	25203p	22201	Manufacture of semi-manufactures of plastic products

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
35600p	25202p	22202	Manufacture of finished plastic products
35600p	25201	22203	Manufacture of plastic articles for the packing of goods
35600p	25203p	22203	Manufacture of plastic articles for the packing of goods
35600p	25205	22203	Manufacture of plastic articles for the packing of goods
35600p	25209p	22203	Manufacture of plastic articles for the packing of goods
35600p	25203p	22204	Manufacture of builders' plastics ware
35600p	25204	22204	Manufacture of builders' plastics ware
35600p	25206p	22204	Manufacture of builders' plastics ware
35600p	25209p	22204	Manufacture of builders' plastics ware
35600p	25206p	22205	Manufacture of plastic tableware, kitchenware and toilet articles
35600p	25209p	22209	Manufacture of diverse plastic products n.e.c.
<b>Manufacture of other non-metallic mineral products</b>			
36200p	26100p	23101	Manufacture of flat glass, including wired, coloured or tinted flat glass
36200p	26100p	23102	Manufacture of laboratory, hygienic or pharmaceutical glassware
36200p	26100p	23109	Manufacture of other glass products n.e.c.
36910p, 36999p	26920p	23911	Manufacture of refractory mortars and concretes
36910p, 36999p	26920p	23912	Manufacture of refractory ceramic goods
36910p	26930p	23921	Manufacture of non-refractory ceramic
36100p, 36910p	26910p	23929	Manufacture of other clay building materials
36910p	26930p	23929	Manufacture of other clay building materials
36100	26910p	23930	Manufacture of other porcelain and ceramic products
36921	26941	23941	Manufacture of hydraulic cement
36922	26942	23942	Manufacture of lime and plaster

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
36991p	26951	23951	Manufacture of ready-mix and dry-mix concrete and mortars
36991p	26959p	23952	Manufacture of precast concrete, cement or artificial stone articles for use in construction
36991p	26959p	23953	Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone
36991p	26959p	23959	Manufacture of other articles of concrete, cement and plaster n.e.c.
36992	26960	23960	Cutting, shaping and finishing of stone
36999p	26990	23990	Manufacture of other non-metallic mineral products n.e.c.
<b>Manufacture of basic metals</b>			
37101p, 37109p	27100p	24101	Production of pig iron and spiegeleisen in pigs, blocks or other primary forms
37101p, 37109p	27100p	24102	Production of bars and rods of stainless steel or other alloy steel
37101p, 37109p	27100p	24103	Manufacture of seamless tubes, by hot rolling, hot extrusion or hot drawing, or by cold drawing or cold rolling
37101p, 37109p	27100p	24104	Manufacture of steel tube fittings
37101p, 37109p	27100p	24109	Manufacture of other basic iron and steel products n.e.c.
37201	27201	24201	Tin smelting
37209p	27209p	24202	Production of aluminium from alumina
37209p	27209p	24209	Manufacture of other basic precious and other non-ferrous metals n.e.c.
37102, 37109p	27310p	24311	Casting of iron
37102p, 37109p	27310p	24312	Casting of steel
37209p	27320	24320	Casting of non-ferrous metals

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
<b>Manufacture of fabricated metal products, except machinery and equipment</b>			
38130p	28110p	25111	Manufacture of industrial frameworks in metal
38130p	28110p	25112	Manufacture of prefabricated buildings mainly of metal
38130p	28110p	25113	Manufacture of metal doors, windows and their frames, shutters and gates
38130p	28110p	25119	Manufacture of other structural metal products
38130p, 38191p	28120p	25120	Manufacture of tanks, reservoirs and containers of metal
38310p	28130p	25130	Manufacture of steam generators, except central heating hot water boilers
35290p, 38299p	29270p	25200	Manufacture of weapons and ammunition
38112p, 38199p	28910	25910	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
38199p	28920	25920	Treatment and coating of metals; machining
38111	28930	25930	Manufacture of cutlery, hand tools and general hardware
38191p	28991	25991	Manufacture of tins and cans for food products, collapsible tubes and boxes
38192p	28992p	25992	Manufacture of metal cable, plaited bands and similar articles
38192p	28992p	25993	Manufacture of bolts, screws, nuts and similar threaded products
38193p	28993	25994	Manufacture of metal household articles
38112p, 38199p	28999p	25994	Manufacture of metal household articles
38112p, 38199p	28999p	25999	Manufacture of any other fabricated metal products n.e.c
<b>Manufacture of computer, electronic and optical products</b>			
38329p	32101p	26101	Manufacture of diodes, transistors and similar semiconductor devices
38329p	32101p	26102	Manufacture of electronic integrated circuits micro assemblies

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
38329p	32102p	26103	Manufacture of electrical capacitors and resistors
38329p	32102p	26104	Manufacture of printed circuit boards
38329p	32102p	26105	Manufacture of display components
38329p	32109	26109	Manufacture of other components for electronic applications
38250p	30002p	26201	Manufacture of computers
38250p	30002p	26202	Manufacture of peripheral equipment
38329p	32200p	26300	Manufacture of communication equipment
38321p, 38322p, 38329p	32300p	26400	Manufacture of consumer electronics
38510p	33120p	26511	Manufacture of measuring, testing, navigating and control equipment
38510p	33130p	26512	Manufacture of industrial process control equipment
38530	33300	26520	Manufacture of watches and clocks and parts
38510p	33110p	26600	Manufacture of irradiation, electro medical and electrotherapeutic equipment
38520p	33201p	26701	Manufacture of optical instruments and equipment
38520p	33202p	26702	Manufacture of photographic equipment
38250p	30002p	26800	Manufacture of magnetic and optical recording media
<b>Manufacture of electrical equipment</b>			
38310p	31100p	27101	Manufacture of electric motors, generators and transformers
38310p	31200p	27102	Manufacture of electricity distribution and control apparatus
38392	31400p	27200	Manufacture of batteries and accumulators
38391p	31301p	27310	Manufacture of fibre optic cables
38391p	31302	27320	Manufacture of other electronic and electric wires and cables

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
35600p	25209p	27330	Manufacture of current-carrying and non-current-carrying wiring devices for electrical circuits regardless of material
38310p	31200p	27330	Manufacture of current-carrying and non-current-carrying wiring devices for electrical circuits regardless of material
38391p, 38399p	31309p	27330	Manufacture of current-carrying and non-current-carrying wiring devices for electrical circuits regardless of material
38399p	31900p	27330	Manufacture of current-carrying and non-current-carrying wiring devices for electrical circuits regardless of material
38393	31500p	27400	Manufacture of electric lighting equipment
38399p	31900p	27400	Manufacture of electric lighting equipment
38199p, 38291p, 38330	29300	27500	Manufacture of domestic appliances
38399p	31900	27900	Manufacture of miscellaneous electrical equipment other than motors, generators and transformers, batteries and accumulators, wires and wiring devices, lighting equipment or domestic appliances
<b>Manufacture of machinery and equipment n.e.c.</b>			
38210, 38299p, 38399p	29110p	28110	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines
38193p	29120p	28120	Manufacture of fluid power equipment
38193p	29120p	28130	Manufacture of other pumps, compressors, taps and valves
38299p	29130p	28140	Manufacture of bearings, gears, gearing and driving elements
38199p, 38299p	29140p	28150	Manufacture of ovens, furnaces and furnace burners
38299p	29150p	28160	Manufacture of lifting and handling equipment
38250p, 38520p	30001p	28170	Manufacture of office machinery and equipment (except computers and peripheral equipment)

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
38230p	29220p	28180	Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives
38291p	29191p	28191	Manufacture of refrigerating or freezing industrial equipment
38291p	29191p	28192	Manufacture of air-conditioning machines, including for motor vehicles
38250p, 38299p	29199p	28199	Manufacture of other general-purpose machinery n.e.c.
38220	29210p	28210	Manufacture of agricultural and forestry machinery
38230p	29220p	28220	Manufacture of metal-forming machinery and machine tools
38230p	29230p	28230	Manufacture of machinery for metallurgy
38240p	29240p	28240	Manufacture of machinery for mining, quarrying and construction
38240p	29250p	28250	Manufacture of machinery for food, beverage and tobacco processing
38240p	29260p	28260	Manufacture of machinery for textile, apparel and leather production
38299p	29290p	28290	Manufacture of other special-purpose machinery n.e.c.
<b>Manufacture of motor vehicles, trailers and semi-trailers</b>			
38432p	34100p	29101	Manufacture of passenger cars
38432p	34100p	29102	Manufacture of commercial vehicles
38431	34200	29200	Manufacture of bodies(coachwork) for motor vehicles; manufacture of trailers and semi-trailers
38439	34300	29300	Manufacture of parts and accessories of bodies for motor vehicles
38120	36102p	29300	Manufacture of parts and accessories of bodies for motor vehicles

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
<b>Manufacture of other transport equipment</b>			
38130p, 38410p	35110p	30110	Building of ships and floating structures
38410p	35120p	30120	Building of pleasure and sporting boats
38420	35200p	30200	Manufacture of railway locomotives and rolling stock
38450	35300p	30300	Manufacture of air and spacecraft and related machinery
38120	36102p	30300	Manufacture of air and spacecraft and related machinery
35290p, 38299p	29270p	30400	Manufacture of military fighting vehicles
38441	35910	30910	Manufacture of motorcycles
38449	35920	30920	Manufacture of bicycles and invalid carriages
38490	35990	30990	Manufacture of other transport equipments n.e.c.
<b>Manufacture of furniture</b>			
33200p	36101p	31001	Manufacture of wooden and cane furniture
38120	36102p	31002	Manufacture of metal furniture
33200p, 35599p, 35600p	36109p	31003	Manufacture of mattress
33200p, 35599p, 35600p	36109p	31009	Manufacture of other furniture, except of stone, concrete or ceramic
<b>Other manufacturing</b>			
39010	36910	32110	Manufacture of jewellery and related articles
39099, 35290p	36999p	32120	Manufacture of imitation jewellery and related articles
39020	36920p	32200	Manufacture of musical instruments
39030	36930p	32300	Manufacture of sports goods
39093	36940p	32400	Manufacture of games and toys
35599p	25199p	32500	Manufacture of medical and dental instrument and supplies

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
38510p	33110p	32500	Manufacture of medical and dental instrument and supplies
39092p	36992	32901	Manufacture of stationery
39091	36991	32909	Other manufacturing n.e.c.
39094	36993	32909	Other manufacturing n.e.c.
39099, 35290p	36999p	32909	Other manufacturing n.e.c.
<b>Repair and installation of machinery and equipment</b>			
38130p	28110p	33110	Repair of fabricated metal products
38130p, 38191p	28120p	33110	Repair of fabricated metal products
38310p	28130p	33110	Repair of fabricated metal products
38210, 38299p, 38399p	29110p	33120	Repair and maintenance of industrial machinery and equipment
38193p	29120p	33120	Repair and maintenance of industrial machinery and equipment
38299p	29130p	33120	Repair and maintenance of industrial machinery and equipment
38199p, 38299p	29140p	33120	Repair and maintenance of industrial machinery and equipment
38299p	29150p	33120	Repair and maintenance of industrial machinery and equipment
38291p	29191p	33120	Repair and maintenance of industrial machinery and equipment
38250p, 38299p	29199p	33120	Repair and maintenance of industrial machinery and equipment
38220	29210p	33120	Repair and maintenance of industrial machinery and equipment
38230p	29220p	33120	Repair and maintenance of industrial machinery and equipment
38230p	29230p	33120	Repair and maintenance of industrial machinery and equipment
38240p	29240p	33120	Repair and maintenance of industrial machinery and equipment

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
38240p	29250p	33120	Repair and maintenance of industrial machinery and equipment
38240p	29260p	33120	Repair and maintenance of industrial machinery and equipment
38299p	29290p	33120	Repair and maintenance of industrial machinery and equipment
38250p, 38520p	30001p	33120	Repair and maintenance of industrial machinery and equipment
38510p	33120p	33131	Repair and maintenance of the measuring, testing, navigating and control equipment
38510p	33110p	33132	Repair and maintenance of irradiation, electro medical and electrotherapeutic equipment
38520p	33201p	33133	Repair of optical instruments and photographic equipment
38520p	33202p	33133	Repair of optical instruments and photographic equipment
38310p	31100p	33140	Repair and maintenance of electrical equipment except domestic appliances
38310p	31200p	33140	Repair and maintenance of electrical equipment except domestic appliances
38391p	31301p	33140	Repair and maintenance of electrical equipment except domestic appliances
38391p	31302p	33140	Repair and maintenance of electrical equipment except domestic appliances
38391p	31309p	33140	Repair and maintenance of electrical equipment except domestic appliances
38392	31400p	33140	Repair and maintenance of electrical equipment except domestic appliances
38393	31500p	33140	Repair and maintenance of electrical equipment except domestic appliances
38399p	31900p	33140	Repair and maintenance of electrical equipment except domestic appliances
38410p, 38130p	35110p	33150	Repair and maintenance of transport equipment except motorcycles and bicycles

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
38410p	35120p	33150	Repair and maintenance of transport equipment except motorcycles and bicycles
38420	35200p	33150	Repair and maintenance of transport equipment except motorcycles and bicycles
38450	35300p	33150	Repair and maintenance of transport equipment except motorcycles and bicycles
32150	17230p	33190	Repair and maintenance of other equipment n.e.c.
33120	20230p	33190	Repair and maintenance of other equipment n.e.c.
39020	36920p	33190	Repair and maintenance of other equipment n.e.c.
39030	36930p	33190	Repair and maintenance of other equipment n.e.c.
39093	36940p	33190	Repair and maintenance of other equipment n.e.c.
38210, 38299p, 38399p	29110p	33200	Installation of industrial machinery and equipment
38193p	29120p	33200	Installation of industrial machinery and equipment
38299p	29130p	33200	Installation of industrial machinery and equipment
38199p, 38299p	29140p	33200	Installation of industrial machinery and equipment
38299p	29150p	33200	Installation of industrial machinery and equipment
38291p	29191p	33200	Installation of industrial machinery and equipment
38250p, 38299p	29199p	33200	Installation of industrial machinery and equipment
38220	29210p	33200	Installation of industrial machinery and equipment
38230p	29220p	33200	Installation of industrial machinery and equipment

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
38230p	29230p	33200	Installation of industrial machinery and equipment
38240p	29240p	33200	Installation of industrial machinery and equipment
38240p	29250p	33200	Installation of industrial machinery and equipment
38240p	29260p	33200	Installation of industrial machinery and equipment
38299p	29290p	33200	Installation of industrial machinery and equipment
38250p, 38520p	30001p	33200	Installation of industrial machinery and equipment
38510p	33130p	33200	Installation of industrial machinery and equipment

**ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY**

**Electricity, gas, steam and air conditioning supply**

41010p	40100p	35101	Operation of generation facilities that produce electric energy
41010p	40100p	35102	Operation of transmission, distribution and sales of electricity
41020p	40200p	35201	Manufacture of gaseous fuels with a specified calorific value, by purification, blending and other processes from gases of various types including natural gas
41020p	40200p	35202	Transportation, distribution and supply of gaseous fuels of all kinds through a system of mains
41020p	40200p	35203	Sale of gas to the user through mains
41030	40300p	35301	Production, collection and distribution of steam and hot water for heating, power and other purposes
41030p	40300p	35302	Production and distribution of cooled air, chilled water for cooling purposes

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
31211	15491	35303	Production of ice, including ice for food and non-food (e.g. cooling) purposes
<b>WATER SUPPLY; SEWERAGE; WASTE MANAGEMENT AND REMEDIATION ACTIVITIES</b>			
<b>Water collection, treatment and supply</b>			
11200	01400p	36001	Purification and distribution of water for water supply purposes
42000	41000p	36001	Purification and distribution of water for water supply purposes
42000p	41000p	36002	Desalting of sea or ground water to produce water as the principal product of interest
<b>Sewerage</b>			
92000p	90001p	37000	Sewage and similar activities
<b>Waste collection, treatment and disposal activities; materials recovery</b>			
92000p	90002p	38111	Collection of non-hazardous solid waste (i.e. garbage) within a local area
92000p	90002p	38112	Collection of recyclable materials
92000p	90002p	38113	Collection of refuse in litter-bins in public places
92000p	90003p	38114	Collection of construction and demolition waste
92000p	90001p	38115	Operation of waste transfer stations for non-hazardous waste
92000p	90003p	38121	Collection of hazardous waste
92000p	90003p	38122	Operation of waste transfer stations for hazardous waste
92000p	90002p	38210	Treatment and disposal of non-hazardous waste
35120p	24120p	38210	Treatment and disposal of non-hazardous waste

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
92000p	90002p	38220	Treatment and disposal of hazardous
92000p	90003p	38220	Treatment and disposal of hazardous
35119p	23300p	38220	Treatment and disposal of hazardous
37202	37101	38301	Mechanical crushing of metal waste
37202	37109p	38301	Mechanical crushing of metal waste
37202p	37109p	38302	Dismantling of automobiles, computers, televisions and other equipment for material recover
35591p	37202p	38303	Reclaiming of rubber such as used tires to produce secondary raw material
35591p	37202p	38304	Reuse of rubber products
37209	37109p	38309	Materials recovery n.e.c.
32190p	37201	38309	Materials recovery n.e.c.
37209p	37209	38309	Materials recovery n.e.c.
<b>Remediation activities and other waste management services</b>			
50013p	45102p	39000	Remediation activities and other waste management services
50013p	45104p	39000	Remediation activities and other waste management services
92000p	90001p	39000	Remediation activities and other waste management services
92000p	90002p	39000	Remediation activities and other waste management services
92000p	90003p	39000	Remediation activities and other waste management services
<b>CONSTRUCTION</b>			
<b>Construction of buildings</b>			
50011p	45201	41001	Residential buildings
50012p	45202	41002	Non-residential buildings

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
50013p, 50025p, 50028p	45209p	41003	Assembly and erection of prefabricated constructions on the site
50013p, 50025p, 50028p	45209p	41009	Construction of buildings n.e.c
<b>Civil engineering</b>			
50013p	45203p	42101	Construction of motorways, streets, roads, other vehicular and pedestrian ways
50013p	45203p	42102	Surface work on streets, roads, highways, bridges or tunnels
50013p	45203p	42103	Construction of bridges, including those for elevated highways
50013p	45203p	42104	Construction of tunnels
50013p	45203p	42105	Construction of railways and subways
50013p	45203p	42106	Construction of airfield/airports runways
50013p, 50025p, 50028p	45209p	42109	Construction of roads and railways n.e.c.
50013p	45204p	42201	Long-distance pipelines, communication and power lines
50013p	45205p	42201	Long-distance pipelines, communication and power lines
50013p	45204p	42202	Urban pipelines, urban communication and power lines; ancillary urban works
50013p	45205p	42202	Urban pipelines, urban communication and power lines; ancillary urban works
71150	60300p	42202	Urban pipelines, urban communication and power lines; ancillary urban works
50013p	45204p	42203	Water main and line construction
50013p	45204p	42204	Reservoirs
50013p	45204p	42205	Construction of irrigation systems (canals)
50013p	45204p	42206	Construction of sewer systems (including repair) and sewage disposal plants
50013p, 50025p, 50028p	45209p	42207	Construction of power plants

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
50013p, 50025p, 50028p	45209p	42209	Construction of utility projects n.e.c.
50013p, 50025p, 50028p	45209p	42901	Construction of refineries
50013p	45203p	42902	Construction of waterways, harbour and river works, pleasure ports (marinas), locks
50013p	45204p	42903	Construction of dams and dykes
50013p	45203p	42904	Dredging of waterways
50013p	45206	42905	Outdoor sports facilities
50013p, 50025, 50028	45209p	42906	Land subdivision with land improvement
83102	70101p	42906	Land subdivision with land improvement
50013p, 50025p, 50028p	45209p	42909	Construction of other engineering projects n.e.c.
<b>Specialized construction activities</b>			
50013p	45101p	43110	Demolition or wrecking of buildings and other structures
50013p	45101p	43121	Clearing of building sites
50013p	45102p	43122	Earth moving
50013p	45500p	43122	Earth moving
50013p	45109p	43123	Drilling, boring and core sampling for construction, geophysical, geological or similar purposes
50013p	45103	43124	Site preparation for mining
50013p	45109p	43125	Drainage of agricultural or forestry land
50013p	45104p	43126	Land reclamation work
50013p	45109p	43129	Other site preparation activities n.e.c.
50013p	45101p	43211	Electrical wiring and fittings
50013p	45101p	43212	Telecommunications wiring
50013p	45102	43213	Computer network and cable television wiring
50013p	45500p	43213	Computer network and cable television wiring

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
50013p	45109p	43214	Satellite dishes
50029p	45309p	43215	Lighting systems
50022p	45306p	43216	Security system
50022p	45302p	43219	Electrical installation n.e.c.
50024p	45307p	43221	Installation of heating systems (electric, gas and oil)
50024p	45307p	43222	Installation of furnaces, cooling towers
50024p	45307p	43223	Installation of non-electric solar energy collectors
50023	45301	43224	Installation of plumbing and sanitary equipment
50024p	45307p	43225	Installation of ventilation, refrigeration or air-conditioning equipment and ducts
50029p	45305	43226	Installation of gas fittings
50022p	45306p	43227	Installation of fire and lawn sprinkler systems
50029p	45309p	43228	Steam piping
50029p	45309p	43229	Plumbing, heat and air-conditioning installation n.e.c.
38299p	29150p	43291	Installation of elevators, escalators in buildings or other construction projects
50022p	45304	43291	Installation of elevators, escalators in buildings or other construction projects
50029p	45401p	43292	Installation of automated and revolving doors in buildings or other construction projects
50029p	45309p	43293	Installation of lighting conductors in buildings or other construction projects
50029p	45309p	43294	Installation vacuum cleaning systems in buildings or other construction projects
50029p	45309p	43295	Installation thermal, sound or vibration insulation in buildings or other construction projects
50029p	45309p	43299	Other construction installation n.e.c.

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
33113p, 33114	20220p	43301	Installation of doors, windows, door and window frames of wood or other materials, fitted kitchens, staircases, shop fittings and furniture
35600p	25209p	43301	Installation of doors, windows, door and window frames of wood or other materials, fitted kitchens, staircases, shop fittings and furniture
38130p	28110p	43301	Installation of doors, windows, door and window frames of wood or other materials, fitted kitchens, staircases, shop fittings and furniture
50013p, 50028, 50025	45209p	43301	Installation of doors, windows, door and window frames of wood or other materials, fitted kitchens, staircases, shop fittings and furniture
50021	45303p	43301	Installation of doors, windows, door and window frames of wood or other materials, fitted kitchens, staircases, shop fittings and furniture
50025p, 50029p	45401p	43302	Laying, tiling, hanging or fitting in buildings or other construction projects of various types of materials
50026p	45402p	43303	Interior and exterior painting of buildings
50026p	45402p	43304	Painting of civil engineering structures
50029p	45409p	43305	Installation of glass, mirrors
50029p	45409p	43306	Interior completion
50027p, 50029p	45403p	43307	Cleaning of new buildings after construction
50029p	45409p	43309	Other building completion and finishing work n.e.c.
50013p, 50025p, 50028p	45209p	43901	Construction of foundations, including pile driving
50013p, 50025p, 50028p	45209p	43902	Erection of non-self-manufactured steel elements
50013p, 50025p, 50028p	45209p	43903	Scaffolds and work platform erecting and dismantling

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
50013p, 50025p, 50028p	45209p	43904	Bricklaying and stone setting
50013p	45204p	43905	Construction of outdoor swimming pools
50027p, 50029p	45403p	43906	Steam cleaning, sand blasting and similar activities for building exteriors
50013p	45500p	43907	Renting of construction machinery and equipment with operator (e.g. cranes)
50013p, 50025p, 50028p, 50029p	45209p	43909	Other specialized construction activities, n.e.c.
50013p, 50025, 50028	45309p	43909	Other specialized construction activities, n.e.c.

**WHOLESALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES AND MOTORCYCLES**

**Wholesale and retail trade and repair of motor vehicles and motorcycles**

61321, 61329p	50101	45101	Wholesale and retail of new motor vehicles
62421p	50111	45101	Wholesale and retail of new motor vehicles
61331p	50102	45102	Wholesale and retail of used motor vehicles
62429p	50112	45102	Wholesale and retail of used motor vehicles
61329p	50103	45103	Sale of industrial, commercial and agriculture vehicles – new
61339	50104	45104	Sale of industrial, commercial and agriculture vehicles – used
61329p	50109p	45105	Sale by commission agents
61329p	50109p	45106	Car auctions
61329p	50109p	45109	Sale of other motor vehicles n.e.c.
62421p, 62429p	50119	45109	Sale of other motor vehicles n.e.c.
95130p	50201p	45201	Maintenance and repair of motor vehicles
95130p	50202p	45201	Maintenance and repair of motor vehicles
95130p	50201p	45202	Spraying and painting
95130p	50201p	45203	Washing and polishing (car wash)
95130p	50201p	45204	Repair of motor vehicle seats

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
95130p	50201p	45205	Installation of parts and accessories not as part of the manufacturing process
61340p	50301	45300	Wholesale and retail sale of all kinds of parts, components, supplies, tools and accessories for motor vehicles
61340p	50302	45300	Wholesale and retail sale of all kinds of parts, components, supplies, tools and accessories for motor vehicles
62430p, 95130p	50303	45300	Wholesale and retail sale of all kinds of parts, components, supplies, tools and accessories for motor vehicles
61310p	50401p	45401	Wholesale and retail sale of motorcycles
62410	50402p	45401	Wholesale and retail sale of motorcycles
61310p	50401p	45402	Wholesale and retail sale of parts and accessories for motorcycles
62410	50402p	45402	Wholesale and retail sale of parts and accessories for motorcycles
95130p	50403	45403	Repair and maintenance of motorcycles
<b>Wholesale trade, except of motor vehicles and motorcycles</b>			
61500p	51100	46100	Wholesale on a fee or contract basis
61450	51211	46201	Wholesale of rubber
61460	51212	46202	Wholesale of palm oil
61430p	51214	46203	Wholesale of lumber and timber
61480p	51219p	46204	Wholesale of flowers and plants
61470	51213	46205	Wholesale of livestock
61480p	51215	46209	Wholesale of agricultural raw material and live animal n.e.c.
61480p	51219p	46209	Wholesale of agricultural raw material and live animal n.e.c.
61480p	51916	46209	Wholesale of agricultural raw material and live animal n.e.c.
61490p	51919	46209	Wholesale of agricultural raw material and live animal n.e.c.

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
61110	51221p	46311	Wholesale of meat, poultry and eggs
61120	51222p	46312	Wholesale of fish and other seafood
61130p	51223p	46313	Wholesale of fruits
61130p	51224p	46314	Wholesale of vegetables
61110	51221p	46319	Wholesale of meat, fish, fruits and vegetables n.e.c.
61120	51222p	46319	Wholesale of meat, fish, fruits and vegetables n.e.c.
61130p	51223p	46319	Wholesale of meat, fish, fruits and vegetables n.e.c.
61130p	51224p	46319	Wholesale of meat, fish, fruits and vegetables n.e.c.
61160	51231	46321	Wholesale of rice, other grains, flour and sugars
61170p	51232	46322	Wholesale of dairy products
61140	51233	46323	Wholesale of confectionary
61150	51234	46324	Wholesale of biscuits, cakes, breads and other bakery products
61170p	51235	46325	Wholesale of coffee, tea, cocoa and other beverages
61170p	51236	46325	Wholesale of coffee, tea, cocoa and other beverages
61190	51237	46326	Wholesale of beer, wine and spirits
61180	51238	46327	Wholesale of tobacco, cigar, cigarettes
61170p	51239	46329	Wholesale of other foodstuffs
61214p	51311p	46411	Wholesale of yarn and fabrics
61214p	51311p	46412	Wholesale of household linen, towels, blankets
61214	51311p	46413	Wholesale of clothing
61222p	51321p	46413	Wholesale of clothing
61214p	51311p	46414	Wholesale of clothing accessories
61214p	51311p	46415	Wholesale of fur articles
61215	51312p	46416	Wholesale of footwear

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
61214p	51311p	46417	Wholesale of haberdashery
61214	51311p	46419	Wholesale of textiles, clothing n.e.c.
61215	51312p	46419	Wholesale of textiles, clothing n.e.c.
61216	51391p	46421	Wholesale of pharmaceutical and medical goods
61216p	51391p	46422	Wholesale of perfumeries, cosmetics, soap and toiletries
61219	51322	46431	Wholesale of bicycles and their parts and accessories
61221p	51394	46432	Wholesale of photographic and optical goods
61221p	51395	46432	Wholesale of photographic and optical goods
61222p	51324	46433	Wholesale of leather goods and travel accessories
61490p	51913p	46433	Wholesale of leather goods and travel accessories
61222p	51321p	46434	Wholesale of musical instruments, games and toys, sports goods
61222p	51323	46434	Wholesale of musical instruments, games and toys, sports goods
61212	51397p	46434	Wholesale of musical instruments, games and toys, sports goods
61222p	51325	46441	Wholesale of handicrafts and artificial flowers
61222p	51326	46442	Wholesale of cut flowers and plants
61218	51393p	46443	Wholesale of watches and clocks
61218p	51393p	46444	Wholesale of jewellery
61213	51398	46491	Wholesale of household furniture
61212	51397p	46492	Wholesale of household appliances
61222p	51399p	46493	Wholesale of lighting equipment
61211	51396	46494	Wholesale of household utensils and cutlery, crockery, glassware, chinaware and pottery
61222p	51399p	46494	Wholesale of household utensils and cutlery, crockery, glassware, chinaware and pottery

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
61222p	51399p	46495	Wholesale of woodenware, wickerwork and corkware
61212	51397p	46496	Wholesale of electrical and electronic goods
61217	51392	46497	Wholesale of stationery, books, magazines and newspapers
61222p	51399p	46499	Wholesale of other household goods n.e.c.
61420p	51530	46510	Wholesale of computers hardware, software and peripheral
61420p	51511	46521	Wholesale of telephone and communications equipment, cell phones, pagers
61420p	51512	46522	Wholesale of electronic components and wiring accessories
61420p	51599p	46522	Wholesale of electronic components and wiring accessories
61410p, 61420p	51591p	46531	Wholesale of agricultural machinery, equipment and supplies
61410p, 61420p	51591p	46532	Wholesale of lawn mowers however operated
61420p	51520p	46591	Wholesale of office machinery and business equipment, except computers and computer peripheral equipment
61420p	51520p	46592	Wholesale of office furniture
61420p	51599p	46593	Wholesale of computer-controlled machines tools
61410p, 61420p	51591p	46594	Wholesale of industrial machinery, equipment and supplies
61410p, 61420p	51591p	46595	Wholesale of construction and civil engineering machinery and equipment
61420p	51592	46596	Wholesale of lift escalators, air-conditioning, security and fire fighting equipment
61420p	51593	46599	Wholesale of other machinery for use in industry, trade and navigation and other services n.e.c.
61420p	51599p	46599	Wholesale of other machinery for use in industry, trade and navigation and other services n.e.c.

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
61390	51411	46611	Wholesale of petrol, diesel, lubricants
41020	51412	46612	Wholesale of liquefied petroleum gas
62323p	51419	46619	Wholesale of other solid, liquid and gaseous fuels and related products n.e.c.
61490p	51420p	46621	Wholesale of ferrous and non-ferrous metal ores and metals
61490p	51420p	46622	Wholesale of ferrous and non-ferrous semi-finished metal ores and products n.e.c.
61430p	51431	46631	Wholesale of logs, sawn timber, plywood, veneer and related products
61440p	51432p	46632	Wholesale of paints and varnish
61440p	51432p	46633	Wholesale of construction materials
61440p	51432p	46634	Wholesale of fittings and fixtures
61440p	51432p	46635	Wholesale of hot water heaters
61440p	51432p	46636	Wholesale of sanitary installation and equipment
61440p	51432p	46637	Wholesale of tools
61440p	51432p	46639	Wholesale of other construction materials, hardware, plumbing and heating equipment and supplies n.e.c.
61490p	51499p	46691	Wholesale of industrial chemicals
61490p	51491	46692	Wholesale of fertilizers and agrochemical products
61490p	51499p	46693	Wholesale of plastic materials in primary forms
61490p	51499p	46694	Wholesale of rubber scrap
61490p	51499p	46695	Wholesale of textile fibres
61490p	51499p	46696	Wholesale of paper in bulk, packaging materials
61490p	51915	46696	Wholesale of paper in bulk, packaging materials
61490p	51499p	46697	Wholesale of precious stones

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
61490p	51492	46698	Wholesale of metal and non-metal waste and scrap and materials for recycling
61490p	51493	46698	Wholesale of metal and non-metal waste and scrap and materials for recycling
61490p	51499p	46699	Dismantling of automobiles, computer, televisions and other equipment to obtain and re-sell usable parts
61490p	51911	46901	Wholesale of aquarium fishes, pet birds and animals
61490p	51912	46902	Wholesale of animal/pet food
61500p	51920	46909	Wholesale of a variety of goods without any particular specialization n.e.c.

**Retail trade, except of motor vehicles and motorcycles**

62180p	52111	47111	Provision stores
62190p	52112	47112	Supermarket
62190p	52113	47113	Mini market
62190p	52114	47114	Convenience stores
62321p	52191	47191	Department stores
62190p, 62321p	52192p	47192	Department stores and supermarket
62190p, 62321p	52192p	47193	Hypermarket
62190p	52193	47194	News agent and miscellaneous goods store
62190p, 62321p	52199	47199	Other retail sale in non-specialized stores n.e.c.
62160	52221	47211	Retail sale of rice, flour, other grains and sugars
62140	52222p	47211	Retail sale of rice, flour, other grains and sugars
62130p	52213	47212	Retail sale of fresh or preserved vegetables and fruits
62130p	52214	47212	Retail sale of fresh or preserved vegetables and fruits
62170p	52229p	47213	Retail sale of dairy products and eggs

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
62110p	52211	47214	Retail sale of meat and meat products (including poultry)
62120p	52212	47215	Retail sale of fish, other seafood and products thereof
62140	52222p	47216	Retail sale of bakery products and sugar confectionery
62150	52223	47216	Retail sale of bakery products and sugar confectionery
62170p	52229p	47217	Retail sale of <i>mee, kuey teow, mee hoon, wantan</i> skins and other food products made from flour or soya
62170p	52229p	47219	Retail sale of other food products n.e.c.
62220	52224	47221	Retail sale of beer, wine and spirits
62170p	52225	47222	Retail sale of tea, coffee, soft drinks, mineral water and other beverages
62170p	52226	47222	Retail sale of tea, coffee, soft drinks, mineral water and other beverages
62210	52227	47230	Retail sale of tobacco products in specialized store
62490	50500	47300	Retail sale of automotive fuel in specialized store
62323p	52360p	47411	Retail sale of computers, computer equipment and supplies
62323p	52360p	47412	Retail sale of video game consoles and non-customized software
62323p	52370	47413	Retail sale of telecommunication equipment
62312p	52332	47420	Retail sale of audio and video equipment in specialized store
62311p	52339p	47420	Retail sale of audio and video equipment in specialized store
62314p	52321	47510	Retail sale of textiles in specialized stores
62314p	52322p	47510	Retail sale of textiles in specialized stores
62323p	52340	47520	Retail sale of construction materials, hardware, paints and glass

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
62323p	52399p	47531	Retail sale of carpets and rugs
62323p	52339p	47532	Retail sale of curtains and net curtains
62323p	52399p	47533	Retail sale of wallpaper and floor coverings
62313p	52333p	47591	Retail sale of household furniture
62313p	52334p	47592	Retail sale of articles for lighting
62311p	52331	47593	Retail sale of household utensils and cutlery, crockery, glassware, chinaware and pottery
62311p	52339p	47593	Retail sale of household utensils and cutlery, crockery, glassware, chinaware and pottery
62311p	52339p	47594	Retail sale of wood, cork goods and wickerwork goods
62311p	52339p	47595	Retail sale of household appliances
62311p	52339p	47596	Retail sale of musical instruments and scores
62311p	52339p	47597	Retail sale of security systems
62311p	52339p	47598	Retail sale of household articles and equipment n.e.c.
62323p	52391	47611	Retail sale of office supplies and equipment
62317	52394	47612	Retail sale of books, newspapers and stationary
62312p	52354p	47620	Retail sale of musical records, audio tapes, compact discs, cassettes, video tapes, VCDs and DVDs, blank tapes and discs
62323p	52351	47631	Retail sale of sports goods and equipments
62323p	52359p	47632	Retail sale of fishing equipment
62323p	52359p	47633	Retail sale of camping goods
62323p	52359p	47634	Retail sale of boats and equipments
62319	52352	47635	Retail sale of bicycles and related parts and accessories
62323p	52353	47640	Retail sale of games and toys, made of all materials
62314p	52322p	47711	Retail sale of articles of clothing, articles of fur and clothing accessories
62315p	52323	47712	Retail sale of footwear

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
62323p	52324	47713	Retail sale of leather goods, accessories of leather and leather substitutes
62316	52310p	47721	Stores specialized in retail sale of pharmaceuticals, medical and orthopaedic goods
62316	52310p	47722	Stores specialized in retail sale of perfumery, cosmetic and toilet articles
62322	52381	47731	Retail sale of photographic and precision equipment
62323p	52383	47731	Retail sale of photographic and precision equipment
62318	52392p	47732	Retail sale of watches and clocks
62318p	52392p	47733	Retail sale of jewellery
62323p	52395	47734	Retail sale of flowers, plants, seeds, fertilizers
62323p	52399p	47735	Retail sale of souvenirs, craftwork and religious articles
62323p	52393	47736	Retail sale of household fuel oil, cooking gas, coal and fuel wood
62323p	52399p	47736	Retail sale of household fuel oil, cooking gas, coal and fuel wood
62323p	52382	47737	Retail sale of spectacles and other optical goods
62323p	52355	47738	Retail sale of aquarium fishes, pet animals and pet food
62323p	52356	47738	Retail sale of aquarium fishes, pet animals and pet food
62323p	52399p	47739	Other retail sale of new goods in specialized stores n.e.c.
62500p	52401	47741	Retail sale of second-hand books
62500p	52402	47742	Retail sale of second-hand electrical and electronic goods
62500p	52404	47743	Retail sale of antiques
62500p	52409p	47744	Activities of auctioning houses (retail)
62500p	52409p	47749	Retail sale of second-hand goods n.e.c.

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
62110p, 62120p, 62130p, 62170p, 62180p	52520p	47810	Retail sale of food, beverages and tobacco products via stalls or markets
62110p, 62120p, 62130p, 62170p, 62180p	52520p	47820	Retail sale of textiles, clothing and footwear via stalls or markets
62110p, 62120p, 62130p, 62170p, 62180p	52520p	47891	Retail sale of carpets and rugs via stalls or markets
62110p, 62120p, 62130p, 62170p, 62180p	52520p	47892	Retail sale of books via stalls or markets
62110p, 62120p, 62130p, 62170p, 62180p	52520p	47893	Retail sale of games and toys via stalls or markets
62110p, 62120p, 62130p, 62170p, 62180p	52520p	47894	Retail sale of household appliances and consumer electronics via stall or markets
62110p, 62120p, 62130p, 62170p, 62180p	52520p	47895	Retail sale of music and video recordings via stall or markets
62500p	52511p	47911	Retail sale of any kind of product by mail order
62500p	52511p	47912	Retail sale of any kind of product over the Internet
62500p	52512p	47912	Retail sale of any kind of product over the Internet
62500p	52511p	47913	Direct sale via television, radio and telephone
62500p	52512p	47913	Direct sale via television, radio and telephone
62500p	52511p	47914	Internet retail auctions
62500p	52512p	47914	Internet retail auctions
62170p	52590p	47991	Retail sale of any kind of product by direct sales or door-to-door sales persons
62170p	52590p	47992	Retail sale of any kind of product through vending machines

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
62170p	52590p	47999	Other retail sale not in stores, stalls or markets n.e.c.
<b>TRANSPORTATION AND STORAGE</b>			
<b>Land transport and transport via pipelines</b>			
71110p	60100p	49110	Passenger transport by inter-urban railways
71110p	60100p	49120	Freight transport by inter-urban, suburban and urban railways
71120p	60211p	49211	City bus services
71139p	60214	49212	Urban and suburban railway passenger transport service
71120p	60211p	49221	Express bus services
71120p	60212	49222	Employees bus services
71120p	60213	49223	School bus services
71131, 71139p	60221p	49224	Taxi operation and limousine services
71131, 71139p	60221p	49225	Rental of cars with driver
71139p	60219	49229	Other passenger land transport n.e.c.
71139p	60229	49229	Other passenger land transport n.e.c.
71140p	60230	49230	Freight transport by road
71150	60300p	49300	Transport via pipeline
<b>Water transport</b>			
71210p	61101p	50111	Operation of excursion, cruise or sightseeing boats
71210p	61101p	50112	Operation of ferries, water taxis
71210p	61109	50113	Rental of pleasure boats with crew for sea and coastal water transport
71210p	61102	50121	Transport of freight over seas and coastal waters, whether scheduled or not
71210p	61103	50122	Transport by towing or pushing of barges, oil rigs

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
71220p	61201	50211	Transport of passenger via rivers, canals, lakes and other inland waterways
71220p	61209p	50212	Rental of pleasure boats with crew for inland water transport
71220p	61202	50220	Transport of freight via rivers, canals, lakes and other inland waterways
<b>Air transport</b>			
71310p	62101	51101	Transport of passengers by air over regular routes and on regular schedules
71310p	62209p	51102	Non-scheduled transport of passenger by air
71310p	62201p	51103	Renting of air-transport equipment with operator for the purpose of passenger transportation
71310p	62109	51201	Transport freight by air over regular routes and on regular schedules
71310p	62209p	51202	Non-scheduled transport of freight by air
71310p	62201p	51203	Renting of air-transport equipment with operator for the purpose of freight transportation
<b>Warehousing and support activities for transportation</b>			
71920p	63020	52100	Warehousing and storage services
71110p	63031	52211	Operation of terminal facilities
71160p, 71919p	63039p	52211	Operation of terminal facilities
95130p	50201p	52212	Towing and road side assistance
95130p	50202p	52212	Towing and road side assistance
71110p	60100p	52212	Towing and road side assistance
71160p	63032	52213	Operation of parking facilities for motor vehicles (parking lots)
71160p	63033	52214	Highway, bridge and tunnel operation services
71160p, 71919p	63039p	52219	Other service activities incidental to land transportation n.e.c.

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
71230p	63035	52221	Port, harbours and piers operation services
71230p	63034	52222	Vessel salvage and refloating services
71160p, 71919p	63039p	52229	Other service activities incidental to water transportation n.e.c.
71310p	63036p	52231	Operation of terminal facilities
71310p	63036p	52232	Airport and air-traffic-control activities
71310p	63036p	52233	Ground service activities on airfields
71310p	63036p	52234	Fire fighting and fire-prevention services at airports
71310p	63036p	52239	Other service activities incidental to air transportation n.e.c.
71230p	63011	52241	Stevedoring services
71320p	63019	52249	Other cargo handling activities n.e.c.
71911p	63049p	52291	Forwarding of freight
71919p	63091p	52291	Forwarding of freight
..	63092p	52291	Forwarding of freight
71919p	63099p	52291	Forwarding of freight
71919p	63099p	52292	Brokerage for ship and aircraft space
..	63092p	52292	Brokerage for ship and aircraft space
71919p	63099p	52299	Other transportation support activities n.e.c.
..	63092p	52299	Other transportation support activities n.e.c.
<b>Postal and courier activities</b>			
72001	64110p	53100	National postal services
71140p, 71310p, 71919p	64120	53200	Courier activities other than national post activities
<b>ACCOMMODATION AND FOOD SERVICE ACTIVITIES</b>			
<b>Accommodation</b>			
63200p	55101p	55101	Hotels and resort hotels
63200p	55101p	55102	Motels

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
63200p	55101p	55103	Apartment hotels
63200p	55101p	55104	Chalets
63200p	55101p	55105	Rest house/guest house
63200p	55101p	55106	Bed and breakfast units
63200p	55101p	55107	Hostels
63200p	55102p	55108	Home stay
63200p	55101p	55109	Other short term accommodation activities n.e.c.
63200p	55102p	55200	Camping grounds/sites and recreational vehicle parks
63200p	55101p	55900	Other accommodation
63200p	55102p	55900	Other accommodation
<b>Food and beverage service activities</b>			
63100p	55211	56101	Restaurants and restaurant cum night clubs
63100p	55214	56102	Cafeterias/canteens
63100p	55215	56102	Cafeterias/canteens
63100p	55212	56103	Fast-food restaurants
63100p	55219p	56104	Ice cream truck vendors and parlours
63100p	55219p	56105	Mobile food carts
63100p	55221	56106	Food stalls/hawkers
63100p	55223	56107	Food or beverage, food and beverage preparation in market stalls/hawkers
63100p	55216	56210	Event/food caterers
63100p	55219p	56290	Other food service activities
63100p	55217	56301	Pubs, bars, discotheques, coffee houses, cocktail lounges and karaoke
63100p	55213	56302	Coffee shops
63100p	55222	56303	Drink stalls/hawkers
63100p	55219p	56304	Mobile beverage
63100p	55219p	56309	Others drinking places n.e.c.

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
<b>INFORMATION AND COMMUNICATION</b>			
<b>Publishing activities</b>			
34200p	22110	58110	Publishing of books, brochures and other publications
34200p	22190p	58120	Publishing of mailing lists, telephone book, other directories
34200p	22120	58130	Publishing of newspapers, journals, magazines and periodicals in print or electronic form
34200p	22190p	58190	Publishing of catalogues, photos, engraving and postcards, greeting cards, forms, posters, reproduction of works of art, advertising material and other printed matter n.e.c.
38322p	22130p	58201	Business and other applications
38322p	22130p	58202	Computer games for all platforms
38322p	22130p	58203	Operating systems
<b>Motion picture, video and television programme production, sound recording and music publishing activities</b>			
94110	92111p	59110	Motion picture, video and television programme production activities
94130p	92132p	59110	Motion picture, video and television programme production activities
94110	92111p	59120	Motion picture, video and television programme post-production activities
94120p	92112	59130	Motion picture, video and television programme distribution activities
94130p	92132p	59130	Motion picture, video and television programme distribution activities
94120p	92120	59140	Motion picture projection activities
94120p	92132p	59140	Motion picture projection activities
38322p	22130p	59200	Sound recording and music publishing activities

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
94110	92111p	59200	Sound recording and music publishing activities
94130p	92132p	59200	Sound recording and music publishing activities
94900p	92492	59200	Sound recording and music publishing activities
<b>Programming and broadcasting activities</b>			
94130p	64202p	60100	Radio broadcasting
94130p	92131	60100	Radio broadcasting
94130p	64202p	60200	Television programming and broadcasting activities
94130p	92132p	60200	Television programming and broadcasting activities
<b>Telecommunications</b>			
72009p	64201p	61101	Wired telecommunications services
72009p	64203p	61101	Wired telecommunications services
72009p	64201p	61102	Internet access providers by the operator of the wired infrastructure
72009p	64203p	61102	Internet access providers by the operator of the wired infrastructure
72009p	64201p	61201	Wireless telecommunications services
72009p	64203p	61201	Wireless telecommunications services
72009p	64204	61201	Wireless telecommunications services
72009p	64201p	61202	Internet access providers by the operator of the wireless infrastructure
72009p	64203p	61202	Internet access providers by the operator of the wireless infrastructure
72009p	64203p	61300	Satellite telecommunications services
72009p, 71320p	64209p	61300	Satellite telecommunications services
72009p	64203p	61901	Provision of Internet access over networks between the client and the ISP not owned or controlled by the ISP

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
71320p, 72009p	64209p	61902	Provision of telecommunications services over existing telecom connection
71320p, 72009p	64209p	61903	Telecommunications resellers
72009p	64203p	61904	Provision of telecommunications services over existing telecom connections VOIP (Voice Over Internet Protocol) provision
71320p, 72009p	64209p	61905	Provision of specialized telecommunications applications
71320p, 72009p	64209p	61909	Other telecommunications activities n.e.c.
<b>Computer programming, consultancy and related activities</b>			
83230p	72200p	62010	Computer programming activities
83230p	72200p	62021	Computer consultancy
83230p	72100	62022	Computer facilities management activities
83230p	72900p	62091	Information Communication Technology (ICT) system security
83230p	72900p	62099	Other information technology service activities n.e.c.
<b>Information service activities</b>			
83230p	72300p	63111	Activities of providing infrastructure for hosting, data processing services and related activities
83230p	72400p	63111	Activities of providing infrastructure for hosting, data processing services and related activities
83230p	72300p	63112	Data processing activities
83230p	72400p	63112	Data processing activities
72009p	64203p	63120	Web portals
83299p	92201	63910	News syndicate and news agency activities
83299p	92209p	63910	News syndicate and news agency activities
72009p	74991p	63990	Other information service activities n.e.c.
83299p	74999p	63990	Other information service activities n.e.c.

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
<b>FINANCIAL AND INSURANCE ACTIVITIES</b>			
<b>Financial service activities, except insurance/takaful and pension funding</b>			
81011	65110	64110	Central banking
81012p	65191p	64191	Commercial Banks
81012p	65191p	64192	Islamic Banks
81029p	65192	64193	Offshore Banks
81029p	65193	64194	Investment Banks
81029p	65196	64195	Development finance institutions (with deposits taking functions)
81029p	65197	64195	Development finance institutions (with deposits taking functions)
81029p	65194	64199	Other monetary intermediation (with deposits taking functions) n.e.c.
81012p	65195	64199	Other monetary intermediation (with deposits taking functions) n.e.c.
81029p	65199p	64199	Other monetary intermediation (with deposits taking functions) n.e.c.
81030p	67199p	64199	Other monetary intermediation (with deposits taking functions) n.e.c.
81029p	65991p	64200	Activities of holding companies
81029p	65992p	64301	Venture capital companies
81029p	65994p	64301	Venture capital companies
81029p	65994p	64302	Unit trust fund excludes REITs
81029p	65994p	64303	Property unit trust (REITs)
n.c.	n.c.	64304	Other administration of trusts accounts
n.c.	n.c.	64309	Trusts, funds and similar financial entities n.e.c.
81029p	65910	64910	Financial leasing activities
81029p	65929p	64921	Development financial institutions (without deposits taking functions)
81029p	65922	64922	Credit card services

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
n.c.	n.c.	64923	Licensed money lending activities
81021	52403	64924	Pawnshops and pawnbrokers includes Ar-Rahnu
81029p	65929p	64924	Pawnshops and pawnbrokers includes Ar-Rahnu
81012p	65191p	64925	Co-operative with credits functions
81029p	65929p	64929	Other credit granting n.e.c.
81029p	65921	64991	Factoring companies
n.c.	n.c.	64992	Representative office of foreign banks
81029p	65993p	64993	Nominee companies
81029p	65199p	64999	Other financial service activities, except insurance/takaful and pension funding n.e.c.

**Insurance/takaful, reinsurance/retakaful and pension funding, except compulsory social security**

82001	66010p	65111	Life insurance
82001	66010p	65112	Family takaful
82003p	66031p	65121	General insurance
82003p	66032p	65121	General insurance
82003p	66033p	65121	General insurance
82003p	66034p	65121	General insurance
82003p	66035p	65121	General insurance
n.c.	n.c.	65123	Composite insurance
n.c.	n.c.	65124	Offshore insurance
n.c.	n.c.	65125	Offshore takaful
82001p	66010p	65201	Life reinsurance
82001p	66010p	65202	Family retakaful
82003p	66031p	65203	General reinsurance
82003p	66031p	65204	General retakaful
82003p	66032p	65204	General retakaful
82003p	66033p	65204	General retakaful

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
82003p	66034p	65204	General retakaful
82003p	66035p	65204	General retakaful
82003p	66039p	65205	Composite retakaful
82003p	66039p	65206	Offshore reinsurance
82003p	66039p	65207	Offshore retakaful
82002p	66022p	65301	Pension funding
82002p	66021	65302	Provident funding
<b>Activities auxiliary to financial service and insurance/takaful activities</b>			
81030p	67110p	66111	Stock exchanges
81030p	67110p	66112	Exchanges for commodity contracts
81030p	67110p	66113	Securities exchange
81030p	67110p	66114	Exchanges for commodity futures contracts
81030p	67110p	66119	Administration of financial markets n.e.c.
81030p	67121	66121	Stock, share and bond brokers
81030p	67122	66122	Commodity brokers and dealers
81030p	67123	66123	Gold bullion dealers
81030p	67191	66124	Foreign exchange broker and dealers (Bureaux de change)
81030p	67199p	66125	Money-changing services
81030p	67129	66129	Other financial and commodity futures brokers and dealers
81030p	67199p	66191	Investment advisory services
81030p	67192	66192	Financial consultancy services
81030p	67199p	66199	Activities auxiliary to finance n.e.c.
82005p	67202p	66211	Insurance adjusting service
82005p	67202p	66212	Takaful adjusting service
82005p	67201p	66221	Insurance agents
82005p	67201p	66222	Takaful agents
82005p	67201p	66223	Insurance brokers
82005p	67201p	66224	Takaful brokers

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
82005p	67209p	66290	Other activities auxiliary to insurance, takaful and pension funding
82002p	66022p	66301	Management of pension funds
82005p	67209p	66301	Management of pension funds
82005p	67209p	66302	Assets/portfolio management
82005p	67209p	66303	Unit trust management companies
<b>REAL ESTATE ACTIVITIES</b>			
<b>Real estate activities</b>			
83101	70102p	68101	Buying, selling, renting and operating of self-owned or leased real estate - residential buildings
83101	70102p	68102	Buying, selling, renting and operating of self-owned or leased real estate - non-residential buildings
83103	70200p	68102	Buying, selling, renting and operating of self-owned or leased real estate - non-residential buildings
83101	70102p	68103	Buying, selling, renting and operating of self-owned or leased real estate – land
83102	70101p	68104	Development of building projects for own operation, i.e. for renting of space in these buildings
83102	70101p	68109	Real estate activities with own or leased property n.e.c.
83101	70102p	68109	Real estate activities with own or leased property n.e.c.
83103	70200p	68201	Activities of real estate agents and brokers for buying, selling and renting of real estate
83103	70200p	68202	Management of real estate on a fee or contract basis
83103	70200p	68203	Appraisal services for real estate
83103	70200p	68209	Real estate activities on a fee or contract basis n.e.c.

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
<b>PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES</b>			
<b>Legal and accounting activities</b>			
83210	74110	69100	Legal activities
83220	74120	69200	Accounting, bookkeeping and auditing activities; tax consultancy
<b>Activities of head offices; management consultancy activities</b>			
83299p	n.c.	70100	Activities of head offices
83299p	74142	70201	Business management consultancy services
83299p	74149p	70202	Human resource consultancy services
83299p	74143	70203	Consultancy services in public relations and communication
83299p	74149p	70209	Other management consultancy activities n.e.c.
83291	74141p	70209	Other management consultancy activities n.e.c.
83299p	74144	70209	Other management consultancy activities n.e.c.
<b>Architecture and engineering activities; technical testing and analysis</b>			
83240p	74211	71101	Architectural services
83240p	74212p	71102	Engineering services
83240p	74213p	71103	Land surveying services
83240p	74219p	71109	Other architectural and engineering activities and related technical services n.e.c.
83240p	74220	71200	Technical testing and analysis
91130p	75231p	71200	Technical testing and analysis
<b>Scientific research and development</b>			
93200p	73101	72101	Research and development on natural sciences

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
93200p	73102	72101	Research and development on natural sciences
83240p	73103p	72102	Research and development on engineering and technology
93200p	73105	72103	Research and development on medical sciences
93200p	73109p	72104	Research and development on biotechnology
93200p	73104	72105	Research and development on agricultural sciences
83240p	73103p	72106	Research and development on Information Communication Technology (ICT)
93200p	73109p	72109	Research and development on other natural science and engineering n.e.c.
93200p	73201	72201	Research and development on social sciences
93200p	73203	72201	Research and development on social sciences
93200p	73202	72202	Research and development on humanities
93200p	73204	72202	Research and development on humanities
93200p	73209	72209	Research and development of other social sciences and humanities n.e.c.
<b>Advertising and market research</b>			
83250p	74300	73100	Advertising
83250p	74130	73200	Market research and public opinion polling
<b>Other professional, scientific and technical activities</b>			
83299p	74999p	74101	Activities of interior decorators
83299p	74999p	74102	Services of graphic designers
83299p	74999p	74103	Fashion design services
83299p	74999p	74109	Specialized design activities n.e.c.
95920, 83299p	74940	74200	Photographic activities
95920, 83299p	92202	74200	Photographic activities

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
83299p	74999p	74901	Translation and interpretation activities
83299p	74999p	74902	Business brokerage activities
71919p	63091p	74902	Business brokerage activities
83299p	74920p	74903	Security consulting
83240p	74213p	74904	Activities of quantity surveyors
83299p	74999p	74905	Activities of consultants other than architecture, engineering and management consultants
83240p	74219p	74905	Activities of consultants other than architecture, engineering and management consultants
83291	74141p	74905	Activities of consultants other than architecture, engineering and management consultants
83299p	74999p	74909	Any other professional, scientific and technical activities n.e.c.
<b>Veterinary activities</b>			
93320	85200	75000	Veterinary activities
<b>ADMINISTRATION AND SUPPORT SERVICE ACTIVITIES</b>			
<b>Rental and leasing activities</b>			
71160p	71111	77101	Renting and operational leasing of passenger cars (without driver)
71160p	71113	77102	Renting and operational leasing of trucks, utility trailers and recreational vehicles
94900p	71305p	77211	Renting and leasing of pleasure boats, canoes, sailboats
94900p	71305p	77212	Renting and leasing of bicycles
94900p	71305p	77213	Renting and leasing of beach chairs and umbrellas
94900p	71305p	77219	Renting and leasing of other sports equipment n.e.c.

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
94120p	71303	77220	Renting of video tapes, records, CDs, DVDs
62311p	71309p	77291	Renting and leasing of textiles, wearing apparel and footwear
83300p	71302	77292	Renting and leasing of furniture, pottery and glass, kitchen and tableware, electrical appliances and house wares
62312	71301	77292	Renting and leasing of furniture, pottery and glass, kitchen and tableware, electrical appliances and house wares
62311	71309p	77292	Renting and leasing of furniture, pottery and glass, kitchen and tableware, electrical appliances and house wares
62311	71309p	77293	Renting and leasing of jewellery, musical instruments, scenery and costumes
62311	71309p	77294	Renting and leasing of books, journals and magazines
62311	71309p	77295	Renting and leasing of machinery and equipment used by amateurs or as a hobby
62311	71309p	77296	Renting flowers and plants
62311	71309p	77297	Renting and leasing of electronic equipment for household use
94140p	71304	77299	Renting and leasing of other personal and household goods n.e.c.
62311	71309p	77299	Renting and leasing of other personal and household goods n.e.c.
83300p	71290p	77301	Renting and operational leasing, without operator, of other machinery and equipment that are generally used as capital goods by industries
71160p	71112	77302	Renting and operational leasing of land-transport equipment (other than motor vehicles) without drivers
71160p	71114	77302	Renting and operational leasing of land-transport equipment (other than motor vehicles) without drivers

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
71160p	71119	77302	Renting and operational leasing of land-transport equipment (other than motor vehicles) without drivers
71230p	71121	77303	Renting and operational leasing of water-transport equipment without operator
71230p	71129	77303	Renting and operational leasing of water-transport equipment without operator
71320	71130	77304	Renting and operational leasing of air transport equipment without operator
83300p	71210	77305	Renting and operational leasing of agricultural and forestry machinery and equipment without operator
83300p	71220	77306	Renting and operational leasing of construction and civil-engineering machinery and equipment without operator
83300p	71230	77307	Rental and operational leasing of office machinery and equipment without operator
83300p	71290p	77309	Renting and leasing of other machinery, equipment and tangible goods n.e.c.
81029p	65991p	77400	Leasing of intellectual property and similar products, except copyrighted works
81029p	65992p	77400	Leasing of intellectual property and similar products, except copyrighted works
81029p	65993p	77400	Leasing of intellectual property and similar products, except copyrighted works
81029p	65994p	77400	Leasing of intellectual property and similar products, except copyrighted works
<b>Employment activities</b>			
83292	74910p	78100	Activities of employment placement agencies
94900p	92491	78100	Activities of employment placement agencies
83292	74910p	78200	Temporary employment agency activities
83292	74910p	78300	Provision of human resources for client businesses

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
<b>Travel agency, tour operator, reservation service and related activities</b>			
71911p	63041p	79110	Travel agency activities
71911p	63041p	79120	Tour operator activities
71911p	63049p	79900	Other reservation service and related activities
71911p	63042	79900	Other reservation service and related activities
91210p	75137p	79900	Other reservation service and related activities
94140p, 94150p	92149p	79900	Other reservation service and related activities
94900p	92199p	79900	Other reservation service and related activities
94900p	92419p	79900	Other reservation service and related activities
<b>Security and investigation activities</b>			
83299p	74920p	80100	Private security activities
83299p	74920p	80200	Security systems service activities
83299p	74920p	80300	Investigation and detective activities
<b>Services to buildings and landscape activities</b>			
83103	70200p	81100	Combined facilities support activities
91290p	75140p	81100	Combined facilities support activities
92000p	74931p	81210	General cleaning of buildings
92000p	74931p	81291	Cleaning of buildings of all types
92000p	74931p	81292	Swimming pool cleaning and maintenance services
n.c.	n.c.	81293	Cleaning of industrial machinery
95130p	50202p	81294	Cleaning of trains, buses, planes
n.c.	n.c.	81295	Cleaning of pest control services not in connection with agriculture

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
92000p	74932	81296	Disinfecting and exterminating activities
..	n.c.	81297	Cleaning of sea tankers
92000p	74931p	81299	Other building and industrial cleaning activities n.e.c.
92000p	90002p	81299	Other building and industrial cleaning activities n.e.c.
11200	01400p	81300	Landscape care and maintenance service activities
<b>Office administrative, office support and other business support activities</b>			
83299p	74999p	82110	Combined office administrative service activities
83299p	74999p	82191	Document preparation, editing and/or proofreading
83299p	74999p	82192	Typing, word processing, or desktop publishing
83299p	74999p	82193	Secretarial support services
83299p	74999p	82194	Transcription of documents and other secretarial services
83250p	74992p	82195	Provision of mailbox rental and other postal and mailing services
72001	64110p	82195	Provision of mailbox rental and other postal and mailing services
94140p	74994	82196	Photocopying, duplicating, blueprinting
83299p	74999p	82199	Photocopying, document preparation and other specialized office support activities n.e.c.
72009p	74991p	82200	Activities of call centres
83299p	74993	82301	Organization, promotions and/or management of event
83299p	74999p	82301	Organization, promotions and/or management of event
83299p	74999p	82302	Meeting, incentive, convention, exhibition (MICE)

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

MIC 1972(U)	MSIC 2000	MSIC 2008 Ver. 1.0	DESCRIPTION
83250p	74992p	82910	Activities of collection agencies and credit bureaus
83299p	74950	82920	Packaging activities on a fee or contract basis, whether or not these involve an automated process
83299p	74999p	82990	Other business support service activities n.e.c.

**PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY**

**Public administration and defence; compulsory social security**

91110	75110	84111	General (overall) public administration activities
91290p	75140	84112	Ancillary services activities for the government as a whole
91150	75121	84121	Administrative educational services
91160	75122	84122	Administrative health care services
91180	75123	84123	Administrative housing and local government services
91190p	75124	84124	Administrative recreational, cultural, arts and sports services
91190p	75125	84125	Administrative religious affairs services
91190p	75129p	84126	Administrative welfare services
91190p	75129p	84129	Other community and social affairs services
91210p	75131	84131	Domestic and international trade affairs
91220p	75132	84132	Agriculture and rural development affairs
91220p, 91230	75133	84133	Primary industries affairs
91240	75134	84134	Public works affairs
91250, 91260, 91270	75135	84135	Transport affairs
91280	75136	84136	Energy, telecommunication and postal affairs
91210p	75137p	84137	Tourism affairs
91210p	75138	84138	Human resource affairs

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
91290p	75139	84139	Other regulation of and contribution to more efficient operation of businesses n.e.c.
91120	75210	84210	Foreign affairs
91140	75220	84220	Military and civil defence services
91130p	75231p	84231	Police service
91130p	75232	84232	Prison service
91130p	75233	84233	Immigration service
91130p	75234	84234	National registration service
91130p	75235	84235	Judiciary and legal service
91130p	75236	84236	Firefighting and fire prevention
91130p	75239	84239	Other public order and safety affairs related services
91170	75300	84300	Compulsory social security activities e.g. SOCSO
<b>EDUCATION</b>			
<b>Education</b>			
93100p	80101p	85101	Pre-primary education (Public)
93100p	80101p	85102	Pre-primary education (Private)
93100p	80102p	85103	Primary education (Public)
93100p	80102p	85104	Primary education (Private)
93100p	80210p	85211	General school secondary education (Public)
93100p	80210p	85212	General school secondary education (Private)
93100p	80220p	85221	Technical and vocational education below the level of higher education (Public)
93100p	80220p	85222	Technical and vocational education below the level of higher education (Private)
93100p	80301	85301	College and university education (Public)
93100p	80302	85302	College and university education (Private )
93100p	80303	85302	College and university education (Private )
94900p	92419p	85411	Sports instruction

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
93100p, 95910p	80909p	85411	Sports instruction
93100p, 95910p	80909p	85412	Martial arts instruction
94900p	92499p	85419	Any other sports and recreation education n.e.c.
93100p, 95910p	80909p	85419	Any other sports and recreation education n.e.c.
93100p	80902	85421	Music and dancing school
93100p, 95910p	80909p	85429	Any other cultural education n.e.c.
93100p, 95910p	80909p	85491	Tuition centre
93100p	80901	85492	Driving school
93100p, 95910p	80909p	85493	Religious instruction
93100p, 95910p	80909p	85494	Computer training
93100p, 95910p	80909p	85499	Others education n.e.c.
93100p, 95910p	80909p	85500	Educational support services for provision of non-instructional services

**HUMAN HEALTH AND SOCIAL WORK ACTIVITIES**

**Human health activities**

93311	85110p	86101	Hospital activities
93311	85110p	86102	Maternity home services (outside hospital)
93312p	85121p	86201	General medical services
93312p	85121p	86202	Specialized medical services
93312p	85122	86203	Dental Services
93311	85110p	86901	Dialysis Centres
93312p	85121p	86902	Medical laboratories
93312p	85192	86903	Physiotherapy and occupational therapy service
93312p	85199p	86904	Acupuncture services
93312p	85193	86905	Herbalist and homeopathy services
93312p	85194	86906	Ambulance services
93312p	85121p	86909	Other human health services n.e.c.

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
<b>Residential care activities</b>			
93312p	85191p	87101	Homes for the elderly with nursing care
93400p	85312p	87101	Homes for the elderly with nursing care
93312p	85191p	87102	Nursing homes
93312p	85199p	87103	Palliative or hospices
93400p	85316	87201	Drug rehabilitation centres
93400p	85319p	87209	Others residential care activities for mental retardation n.e.c.
93400p	85312p	87300	Residential care activities for the elderly and disabled
93400p	85311p	87901	Orphanages
93400p	85315	87902	Welfare homes services
93400p	85311p	87902	Welfare homes services
93400p	85319p	87902	Welfare homes services
93400p	85313	87909	Other residential care activities n.e.c.
93400p	85314	87909	Other residential care activities n.e.c.
93400p	85319p	87909	Other residential care activities n.e.c.
<b>Social work activities without accommodation</b>			
93400p	85329p	88101	Day-care activities for the elderly or for handicapped adults
93400p	85329p	88109	Others social work activities without accommodation for the elderly and disabled
93400p	85321	88901	Counselling service
93400p	85325	88902	Child day-care activities
93400p	85322	88909	Other social work activities without accommodation n.e.c.
93400p	85324	88909	Other social work activities without accommodation n.e.c.
93400p	85329p	88909	Other social work activities without accommodation n.e.c.
93990p	91993p	88909	Other social work activities without accommodation n.e.c.

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
93990p	91999p	88909	Other social work activities without accommodation n.e.c.
<b>ARTS, ENTERTAINMENT AND RECREATION</b>			
<b>Creative, arts and entertainment activities</b>			
94140p, 94150p	92141p	90001	Theatrical producer, singer group band and orchestra entertainment services
94140p	92191	90001	Theatrical producer, singer group band and orchestra entertainment services
94140p	92149p	90002	Operation of concert and theatre halls and other arts facilities
94140p	92493	90002	Operation of concert and theatre halls and other arts facilities
94140p, 94150p	92142p	90003	Activities of sculptors, painters, cartoonists, engravers, etchers
94140p, 94150p	92142p	90004	Activities of individual writers, for all subjects
83299p	92209p	90005	Activities of independent journalists
94140p, 94150p	92142p	90005	Activities of independent journalists
94900p	92199p	90006	Restoring of works of art such as painting
94140p, 94150p	92149p	90006	Restoring of works of art such as painting
94140p, 94150p	92141p	90007	Activities of producers or entrepreneurs of arts live events, with or without facilities
94140p, 94150p	92141p	90009	Creative, arts and entertainment activities n.e.c
94140p, 94150p	92142p	90009	Creative, arts and entertainment activities n.e.c
94140p, 94150p	92149p	90009	Creative, arts and entertainment activities n.e.c
<b>Libraries, archives, museums and other cultural activities</b>			
94200p	92310p	91011	Documentation and information activities of libraries of all kinds
91290p	75140p	91011	Documentation and information activities of libraries of all kinds

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
94200p	92310p	91012	Stock photo libraries and services
94200p	92320p	91021	Operation of museums of all kinds
94200p	92320p	91022	Operation of historical sites and buildings
94200p	92330p	91031	Operation of botanical and zoological gardens
94200p	92330p	91032	Operation of nature reserves, including wildlife preservation
<b>Gambling and betting activities</b>			
94900p	92495	92000	Gambling and betting activities
<b>Sports activities and amusement and recreation activities</b>			
94900p	92419p	93111	Football, hockey, cricket, baseball, badminton, futsal, paintball
94900p	92419p	93112	Racetracks for auto
94900p	92413	93113	Equestrian clubs
94900p	92419p	93114	Swimming pools and stadiums, ice-skating arenas
94900p	92419p	93115	Track and field stadium
94900p	92411	93116	Golf courses
94900p	92419p	93117	Bowling centre
94900p	92419p	93118	Fitness centres
94900p	92419p	93119	Organization and operation of outdoor or indoor sports events for professionals or amateurs by organizations with own facilities
94900p	92415	93119	Organization and operation of outdoor or indoor sports events for professionals or amateurs by organizations with own facilities
94900p	92412	93120	The operation of sports clubs such as football club, bowling club, swimming club
94900p	92414p	93191	Activities of producers or promoters of sports events, with or without facilities
94900p	92419p	93192	Activities of sports leagues and regulating bodies
94900p	92414p	93193	Activities of related to promotion of sporting events

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
94900p	92419p	93199	Other sports activities n.e.c.
94900p	92494p	93210	Activities of amusement parks and theme parks
94900p	92494p	93291	Activities of recreation parks and beaches
94900p	92499p	93292	Operation of recreational transport facilities (e.g. marinas)
94900p	92499p	93293	Renting of leisure and pleasure equipment as an integral part of recreational facilities
94900p	92499p	93294	Operation of fairs and shows of a recreational nature
94900p	92192	93295	Operation of discotheques and dance floors
94900p	92499p	93296	Activities of producers or entrepreneurs of live events other than arts or sports events, with or without facilities
94900p	92419p	93297	Cyber Café/Internet Centre
94900p	92499p	93297	Cyber Café/Internet Centre
94900p	92499p	93299	Any other amusement and recreation activities n.e.c.

**OTHER SERVICE ACTIVITIES**

**Activities of membership organizations**

93500p	91110	94110	Activities of business and employers membership organizations
93500p	91120	94120	Activities of professional membership organizations
93500p	91200	94200	Activities of trade unions
93910	91910	94910	Activities of religious organizations
93990p	91920	94920	Activities of political organizations
93990p	91999p	94990	Activities of other membership organizations n.e.c.
93990p	91991	94990	Activities of other membership organizations n.e.c.
93990p	91992	94990	Activities of other membership organizations n.e.c.

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
93990p	91993p	94990	Activities of other membership organizations n.e.c.
11300	01500p	94990	Activities of other membership organizations n.e.c.
81029p	65994p	94990	Activities of other membership organizations n.e.c.
<b>Repair of computers and personal and household goods</b>			
38250p, 95159p	72500p	95111	Repair of electronic equipment
38250p, 95159p	72500p	95112	Repair and maintenance of computer terminals
38250p, 95159p	72500p	95113	Repair and maintenance of hand-held computers (PDA's)
95120p	52602p	95121	Repair and maintenance of cordless telephones
95120p	52602p	95122	Repair and maintenance of cellular phones
95120p	52602p	95123	Repair and maintenance of carrier equipment modems
95120p	52602p	95124	Repair and maintenance of fax machines
95120p	52602p	95125	Repair and maintenance of communications transmission equipment (e.g. routers, bridges, modems)
95120p	52602p	95126	Repair and maintenance of two-way radios
38329p	32200p	95127	Repair and maintenance of commercial TV and video cameras
95120	52602p	95211	Repair and maintenance of television, radio receivers
95120	52602p	95212	Repair and maintenance of (VCR/DVD/VCD)
95120	52602p	95213	Repair and maintenance of CD players
95120	52602p	95214	Repair and maintenance of household-type video cameras
38322p, 38321, 38329p	32300p	95214	Repair and maintenance of household-type video cameras
95120	52602p	95221	Repair and servicing of household appliances
95159p	52609p	95222	Repair and servicing of home and garden equipment

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
95110	52601	95230	Repair of footwear and leather goods
95159	52609p	95240	Repair of furniture and home furnishings
33200p	36101p	95240	Repair of furniture and home furnishings
38120	36102p	95240	Repair of furniture and home furnishings
33200p, 35599p, 35600p	36109p	95240	Repair of furniture and home furnishings
95151	52604	95291	Repair of bicycles
95159p	52609p	95292	Repair and alteration of clothing
95140	52603p	95293	Repair and alteration of jewellery
95140	52603p	95294	Repair of watches, clocks and their parts
95159p	52609	95295	Repair of sporting goods
62312p	52354p	95296	Repair of musical instruments
95159p	52609p	95299	Repair of other personal and household goods n.e.c.
<b>Other personal service activities</b>			
95200	93010p	96011	Laundering and dry-cleaning, pressing
95200	93010p	96012	Carpet and rug shampooing and drapery and curtain cleaning, whether on clients' premises or not
95200	93010p	96013	Provision of linens, work uniforms and related items by laundries
95200	93010p	96014	Diaper supply services
95910p	93021	96020	Hairdressing and other beauty treatment
95910p	93022	96020	Hairdressing and other beauty treatment
95910p	93023	96020	Hairdressing and other beauty treatment
95990p	93030p	96031	Preparing the dead for burial or cremation and embalming and morticians' services
95990p	93030p	96032	Providing burial or cremation services
95990p	93030p	96033	Rental of equipped space in funeral parlours
95990p	93030p	96034	Rental or sale of graves
95990p	93030p	96035	Maintenance of graves and mausoleums
95990p	93092	96091	Activities of sauna, steam baths, massage salons

**CORRESPONDENCE TABLE BETWEEN MIC 1972(U), MSIC 2000  
AND MSIC 2008 Ver. 1.0**

<b>MIC 1972(U)</b>	<b>MSIC 2000</b>	<b>MSIC 2008 Ver. 1.0</b>	<b>DESCRIPTION</b>
95990p	93099p	96092	Astrological and spiritualists' activities
95990p	93091	96093	Social activities such as escort services, dating services, services of marriage bureaux
95990p	93093	96093	Social activities such as escort services, dating services, services of marriage bureaux
95990p	93099p	96094	Pet care services
95990p	93099p	96095	Genealogical organizations
95990p	93099p	96096	Shoe shiners, porters, valet car parkers
95990p	93099p	96097	Concession operation of coin-operated personal service machines
95990p	93099p	96099	Other service activities n.e.c.

**ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS; UNDIFFERENTIATED GOODS AND SERVICES-PRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE**

**Activities of households as employers of domestic personnel**

95300	95000	97000	Activities of households as employers of domestic personnel
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**Undifferentiated goods- and services-producing activities of private households for own use**

n.c.	n.c.	98100	Undifferentiated goods-producing activities of private households for own use
n.c.	n.c.	98200	Undifferentiated services-producing activities of private households for own use

**ACTIVITIES OF EXTRATERRITORIAL ORGANIZATIONS AND BODIES**

**Activities of extraterritorial organizations and bodies**

96000	99000	99000	Activities of extraterritorial organizations and bodies
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# **APPENDIX**

## **APPENDIX 2**

**Correspondence table between  
MSIC 2008 VER.1.0, ISIC REV.4  
and ACIC**

## CORRESPONDENCE TABLE BETWEEN MSIC 2008 VER. 1.0, ISIC REV. 4 AND ACIC

DESCRIPTION	MSIC 2008 VER. 1.0	ISIC REV. 4	ACIC
Growing of non-perennial crops	011	011	011
Growing of perennial crops	012	012	012
Plant propagation	013	013	013
Animal production	014	014	014
Mixed farming	015	015	015
Support activities to agriculture and post-harvest crops activities	016	016	016
Hunting, trapping and related service activities	017	017	017
Silviculture and other forestry activities	021	021	021
Logging	022	022	022
Gathering of non-wood forest products	023	023	023
Support services to forestry	024	024	024
Fishing	031	031	031
Aquaculture	032	032	032
Mining of hard coal	051	051	051
Mining of lignite	052	052	052
Extraction of crude petroleum	061	061	061
Extraction of natural gas	062	062	062
Mining of iron ores	071	071	071
Mining of non-ferrous metal ores except precious metal*	072p <sup>(1)</sup>	072p	072
Mining of precious metal*	072p <sup>(2)</sup>	072p	073
Quarrying of stone, sand and clay	081	081	081
Mining and quarrying n.e.c.	089	089	089
Support activities for petroleum and natural gas extraction	091	091	091
Support activities for other mining and quarrying	099	099	099
Processing and preserving of meat	101	101	101
Processing and preserving of fish, crustaceans and molluscs	102	102	102
Processing and preserving of fruits and vegetables	103	103	103

\* Descriptions of ASEAN Common Industrial Classification (ACIC)

<sup>1</sup> excludes mining of precious metals such as gold, silver, platinum, see 07295, 07296, 07297

<sup>2</sup> includes mining of precious metals such as gold, silver, platinum, and activities processing of to remove non-metallic parts see 07295, 07296, 07297

DESCRIPTION	MSIC 2008 VER. 1.0	ISIC REV. 4	ACIC
Manufacture of vegetable and animal oils and fats	104	104	104
Manufacture of dairy products	105	105	105
Manufacture of grain mill products, starches and starch products	106	106	106
Manufacture of other food products	107	107	107
Manufacture of prepared animal feeds	108	108	108
Manufacture of beverages	110	110	110
Manufacture of tobacco products	120	120	120
Spinning, weaving and finishing of textiles	131	131	131
Manufacture of other textiles	139	139	132
Manufacture of wearing apparel, except fur apparel	141	141	141
Manufacture of articles of fur	142	142	142
Manufacture of knitted and crocheted apparel	143	143	143
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	151	151	151
Manufacture of footwear	152	152	152
Sawmilling and planing of wood	161	161	161
Manufacture of products of wood, cork, straw and plaiting materials	162	162	162
Manufacture of paper and paper products	170	170	170
Printing and service activities related to printing	181	181	181
Reproduction of recorded media	182	182	182
Manufacture of coke oven products	191	191	191
Manufacture of refined petroleum products	192	192	192
Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	201	201	201
Manufacture of other chemical products	202	202	202
Manufacture of man-made fibres	203	203	203
Manufacture of pharmaceuticals, medicinal chemical and botanical products	210	210	210
Manufacture of rubber products	221	221	221
Manufacture of plastic products	222	222	222
Manufacture of glass and glass products	231	231	231
Manufacture of non-metallic mineral products n.e.c.	239	239	239
Manufacture of basic iron and steel	241	241	241

DESCRIPTION	MSIC 2008 VER. 1.0	ISIC REV. 4	ACIC
Manufacture of basic precious and other non-ferrous metals	242	242	242
Casting of metals	243	243	243
Manufacture of structural metal products, tanks, reservoirs and steam generators	251	251	251
Manufacture of weapons and ammunition	252	252	252
Manufacture of other fabricated metal products; metalworking service activities	259	259	259
Manufacture of electronic components and boards	261	261	261
Manufacture of computers and peripheral equipment	262	262	262
Manufacture of communication equipment	263	263	263
Manufacture of consumer electronics	264	264	264
Manufacture of measuring, testing, navigating and control equipment; watches and clocks	265	265	265
Manufacture of irradiation, electromedical and electrotherapeutic equipment	266	266	266
Manufacture of optical instruments and photographic equipment	267	267	267
Manufacture of magnetic and optical media	268	268	268
Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	271	271	271
Manufacture of batteries and accumulators	272	272	272
Manufacture of wiring and wiring devices	273	273	273
Manufacture of electric lighting equipment	274	274	274
Manufacture of domestic appliances	275	275	275
Manufacture of other electrical equipment	279	279	279
Manufacture of general-purpose machinery	281	281	281
Manufacture of special-purpose machinery	282	282	282
Manufacture of motor vehicles	291	291	291
Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	292	292	292
Manufacture of parts and accessories for motor vehicles	293	293	293
Building of ships and boats	301	301	301
Manufacture of railway locomotives and rolling stock	302	302	302
Manufacture of air and spacecraft and related machinery	303	303	303
Manufacture of military fighting vehicles	304	304	304

DESCRIPTION	MSIC 2008 VER. 1.0	ISIC REV. 4	ACIC
Manufacture of transport equipment n.e.c.	309	309	309
Manufacture of furniture	310	310	310
Manufacture of jewellery, bijouterie and related articles	321	321	321
Manufacture of musical instruments	322	322	322
Manufacture of sports goods	323	323	323
Manufacture of games and toys	324	324	324
Manufacture of medical and dental instruments and supplies	325	325	325
Other manufacturing n.e.c.	329	329	329
Repair of fabricated metal products, machinery and equipment	331	331	331
Installation of industrial machinery and equipment	332	332	332
Electric power generation, transmission and distribution	351	351	351
Manufacture of gas; distribution of gaseous fuels through mains	352	352	352
Steam and air conditioning supply	353	353	353
Water collection, treatment and supply	360	360	360
Sewerage	370	370	370
Waste collection	381	381	381
Waste treatment and disposal	382	382	382
Materials recovery	383	383	383
Remediation activities and other waste management services	390	390	390
Construction of buildings	410	410	410
Construction of roads and railways	421	421	421
Construction of utility projects	422	422	422
Construction of other civil engineering projects	429	429	429
Demolition and site preparation	431	431	431
Electrical, plumbing and other construction installation activities	432	432	432
Building completion and finishing	433	433	433
Other specialized construction activities	439	439	439
Sale of motor vehicles	451	451	451
Maintenance and repair of motor vehicles	452	452	452
Sale of motor vehicle parts and accessories	453	453	453

DESCRIPTION	MSIC 2008 VER. 1.0	ISIC REV. 4	ACIC
Sale, maintenance and repair of motorcycles and related parts and accessories	454	454	454
Wholesale on a fee or contract basis	461	461	461
Wholesale of agricultural raw materials and live animals	462	462	462
Wholesale of food, beverages and tobacco	463	463	463
Wholesale of household goods	464	464	464
Wholesale of machinery, equipment and supplies	465	465	465
Other specialized wholesale	466	466	466
Non-specialized wholesale trade	469	469	469
Retail sale in non-specialized stores	471	471	471
Retail sale of food, beverages and tobacco in specialized stores	472	472	472
Retail sale of automotive fuel in specialized stores	473	473	473
Retail sale of information and communications equipment in specialized stores	474	474	474
Retail sale of other household equipment in specialized stores	475	475	475
Retail sale of cultural and recreation goods in specialized stores	476	476	476
Retail sale of other goods in specialized stores	477	477	477
Retail sale via stalls and markets	478	478	478
Retail trade not in stores, stalls or markets	479	479	479
Transport via railways	491	491	491
Transport via buses*	492p <sup>(3)</sup>	492p	492
Other land transport except transport via buses*	492p <sup>(4)</sup>	492p	494
Transport via pipeline	493	493	493
Sea and coastal water transport	501	501	501
Inland water transport	502	502	502
Passenger air transport	511	511	511
Freight air transport	512	512	512
Warehousing and storage	521	521	521
Support activities for transportation	522	522	522

\* Descriptions of ASEAN Common Industrial Classification (ACIC)

<sup>3</sup> includes transport via buses, see 49211, 49212, 49221, 49222, 49223, 49229p

<sup>4</sup> excludes transport via buses, see 49211, 49212, 49221, 49222, 49223, 49229p

DESCRIPTION	MSIC 2008 VER. 1.0	ISIC REV. 4	ACIC
Postal activities	531	531	531
Courier activities	532	532	532
Short term accommodation activities	551	551	551
Camping grounds, recreational vehicle parks and trailer parks	552	552	559
Other accommodation	559	559	559
Restaurants and mobile food service activities	561	561	561
Event catering and other food service activities	562	562	562
Beverage serving activities	563	563	563
Publishing of books, periodicals and other publishing activities	581	581	581
Software publishing	582	582	582
Motion picture, video and television programme activities	591	591	591
Sound recording and music publishing activities	592	592	592
Radio broadcasting	601	601	601
Television programming and broadcasting activities	602	602	602
Wired telecommunications activities	611	611	611
Wireless telecommunications activities	612	612	612
Satellite telecommunications activities	613	613	613
Other telecommunications activities	619	619	619
Computer programming, consultancy and related activities	620	620	620
Data processing, hosting and related activities; web portals	631	631	631
Other information service activities	639	639	632
Monetary intermediation	641	641	641
Activities of holding companies	642	642	642
Trusts, funds and similar financial entities	643	643	643
Other financial service activities, except insurance/takaful and pension funding activities	649	649	649
Insurance/takaful	651	651	651
Reinsurance/retakaful	652	652	652
Pension funding	653	653	653
Activities auxiliary to financial service activities, except insurance/takaful and pension funding	661	661	661
Activities auxiliary to insurance/takaful and pension funding	662	662	662

DESCRIPTION	MSIC 2008 VER. 1.0	ISIC REV. 4	ACIC
Fund management activities	663	663	663
Real estate activities with own or leased property	681	681	681
Real estate activities on a fee or contract basis	682	682	682
Legal activities	691	691	691
Accounting, bookkeeping and auditing activities; tax consultancy	692	692	692
Activities of head offices	701	701	701
Management consultancy activities	702	702	702
Architectural and engineering activities and related technical consultancy	711	711	711
Technical testing and analysis	712	712	712
Research and experimental development on natural sciences and engineering	721	721	721
Research and experimental development on social sciences and humanities	722	722	722
Advertising	731	731	731
Market research and public opinion polling	732	732	732
Specialized design activities	741	741	741
Photographic activities	742	742	742
Other professional, scientific and technical activities n.e.c.	749	749	749
Veterinary activities	750	750	750
Renting and leasing of motor vehicles	771	771	771
Renting and leasing of personal and household goods	772	772	772
Renting and leasing of other machinery, equipment and tangible goods	773	773	773
Leasing of intellectual property and similar products, except copyrighted works	774	774	774
Activities of employment placement agencies	781	781	781
Temporary employment agency activities	782	782	782
Other human resources provision	783	783	783
Travel agency and tour operator activities	791	791	791
Other reservation service and related activities	799	799	792
Private security activities	801	801	801
Security systems service activities	802	802	802
Investigation activities	803	803	803

DESCRIPTION	MSIC 2008 VER. 1.0	ISIC REV. 4	ACIC
Combined facilities support activities	811	811	811
Cleaning activities	812	812	812
Landscape care and maintenance service activities	813	813	813
Office administrative and support activities	821	821	821
Activities of call centres	822	822	822
Organization of conventions and trade shows	823	823	823
Business support service activities n.e.c.	829	829	829
Administration of the State and the economic and social policy of the community	841	841	841
Provision of services to the community as a whole	842	842	842
Compulsory social security activities	843	843	843
Primary education*	851p <sup>(5)</sup>	851p	851
Secondary education	852	852	852
Higher education	853	853	853
Other education	854	854	854
Educational support activities	855	855	855
Pre-primary education*	851p <sup>(6)</sup>	851p	856
Hospital activities	861	861	861
Medical and dental practice activities	862	862	862
Other human health activities	869	869	869
Residential nursing care facilities	871	871	871
Residential care activities for mental retardation, mental health and substance abuse	872	872	872
Residential care activities for the elderly and disabled	873	873	873
Other residential care activities	879	879	879
Social work activities without accommodation for the elderly and disabled	881	881	881
Other social work activities without accommodation n.e.c.	889	889	889
Creative, arts and entertainment activities	900	900	900
Libraries, archives, museums and other cultural activities	910	910	910
Gambling and betting activities	920	920	920

\* Descriptions of ASEAN Common Industrial Classification (ACIC)

<sup>5</sup> excludes pre-primary education, see 85101, 85102

<sup>6</sup> excludes primary education, see 85103, 85104

DESCRIPTION	MSIC 2008 VER. 1.0	ISIC REV. 4	ACIC
Sports activities	931	931	931
Other amusement and recreation activities	932	932	932
Activities of business, employers and professional membership organizations	941	941	941
Activities of trade unions	942	942	942
Activities of other membership organizations	949	949	949
Repair of computers and communication equipment	951	951	951
Repair of personal and household goods	952	952	952
Personal services for wellness, except sport activities*	960p	960p	961
Laundry services*	960p	960p	962
Other personal service n.e.c.*	960p	960p	963
Activities of households as employers of domestic personnel	970	970	970
Undifferentiated goods-producing activities of private households for own use	981	981	981
Undifferentiated service-producing activities of private households for own use	982	982	982
Activities of extraterritorial organizations and bodies	990	990	990

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\* Descriptions of ASEAN Common Industrial Classification (ACIC)