

and "classification by size of establishment in number of employees" or "classification by size of capital which is a criterion to represent scale of an establishment, and "geographical classification" which represents geographical characteristics. How to classify by heading or by listing items is deeply related to the purpose of use of the statistical table. Considerable percentage of statistical tables are in accordance with those classifications. Some of representative tables are shown below. In addition, representation of year to year comparison, or representation by the combination of regions and industries are also shown. Industrial classifications as used in tables are by the following classification.

- Two (2) digit level of ISIC classification:  
Totalized by first two digits of ISIC code
- Three (3) digit level of ISIC classification:  
Totalized by first three digits of ISIC code
- Four (4) digit level of ISIC classification:  
Totalized by first four digits of ISIC code. This is the most detailed industrial classification.

Example 1 Industrial Statistical Table, by Industry Group and Industries

(Unit of amount: Thousand Rial Omani)

Industrial classification ISIC	Establish- ments	Persons Engaged	Cash Earnings	Value of Raw Materials & the like Used	Value of Shipments & the like	Value of Products	Value Added
Grand total	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
- Division 15: Manufacture of Food Products and Beverage	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
- 151 Total Production, processing and preservation of meat, fish, fruit, vegetables, oils and fats	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1511 Production, processing and preserving of meat and meat products	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1512 Processing and pre- serving of fish and fish products	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1513 Processing and pre- serving of fruit and vegetables	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1514 Manufacture of vegetable and animal oils and fats	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
- 152 Total Manufacture of dairy products	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1520 Manufacture of dairy products	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx

Example 2 Industrial Statistical Table, by Size of Establishment in Number of Employees, Industry Group and Industries

ISIC Size of Establishment in Number of Employees	Establishments	Persons Engaged	Cash Earnings	Value of Raw Materials & the like Used	Value of Shipments & the like	Value of Products	Value Added
Total	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
5 or less persons	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
6 - 29 persons	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
30 - 49 persons	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
50 - 99 persons	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
100 or more persons	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
ISIC = 15 total: Manufacture of Food Products and Beverages							
5 or less persons	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
6 - 29 persons	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
30 - 49 persons	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
50 - 99 persons	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
100 or more persons	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX

ISIC = 1511 Production, Processing and preserving of meat and meat products

5 or less persons	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
6 - 29 persons	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
30 - 49 persons	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
50 - 99 persons	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
100 or more persons	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx

ISIC = 1512 Processing and preserving of fish and fish products

5 or less persons	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
6 - 29 persons	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
30 - 49 persons	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
50 - 99 persons	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
100 or more persons	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx

(Note) Actual classification criteria by size of establishment in number of employees shall be determined at the time of detailed design.

Example 3 Industrial Statistical Table, by Region

Regions	Establish- ments	Persons Engaged	Cash Earnings	Value of Raw Materials & the like Used	Value of Shipments & the like	Value of Products	Value Added
Grand Total	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
MUSCAT	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
DHOFAR	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
DHAKLIA	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
NIZWA	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
SUMAIL	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
SHARQIYA	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
IBRA	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
SUR	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
AL-BATINA	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
SOHAR	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
RUSTAQ	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
DAHRA	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
BURAIMI	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
IBRI	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
MUSANDAM	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx

Example 4 Industrial Statistical Table, by Industry Group and Industries and Year

ISIC	Establish- ments	Persons Engaged	Cash Earnings	Value of Raw Materials & the like Used	Value of Shipments & the like	Value of Products	Value Added
Grand Total							
1994	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1995	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1996	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1997	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1998	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
- Division 15 Manufacture of Food Products and Beverages							
1994	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1995	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1996	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1997	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1998	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx

Total of 151: Production, processing and preservation of meat, fish, fruit, vegetables, oil and fat

1994	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1995	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1996	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1997	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1998	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx

Total of 1511: Production of Processing and Pre-serving of meat and meat products

1994	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1995	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1996	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1997	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1998	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx

Total of 1512 Processing and preserving of fish and fish products

1994	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1995	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1996	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1997	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
1998	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx

Example 5 Industrial Statistical Table, by Region, Industry Group and Industries

Region/Industry	Establish- ments	Persons Engaged	Cash Earnings	Value of Raw Materials & the like Used	Value of Shipments & the like	Value of Products	Value Added
Grand Total	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
Total of MUSCAT area	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
- Division 15: Manufacture of Food Products and Beverages	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
1511 Production Processing, and preserving of meat and meat products	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
1512 Processing and preserving of fish and fish products	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
1513 Processing and preserving of fruit and vegetables	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
1514 Manufacture of vegetable and animal oils and fats	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
1520 Manufacture of dairy products	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
1531 Manufacture of grain mill products	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX



Example 6 Industrial Statistical Table, by Industry Group and Industries and Regions (Industry/region classification)

ISIC/Region	Establish- ments	Persons Engaged	Cash Earnings	Value of Raw Materials & the like Used	Value of Shipments & the like	Value of Products	Value Added
Grand Total	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
- Division 15: Manufacture of Food Products and Beverages	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
MUSCAT	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
DHOFAR	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
DHAKLIA	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
NIZWA	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
SUMAIL	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
SHARQIYA	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
IBRA	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
SUR	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
AL-BATINA	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
SOHAR	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
RUSTAQ	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
DAHRA	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
BURAIMI	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
IBRI	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx
MUSANDAM	xxx	xxx	xxxx	xxxx	xxxx	xxxx	xxxx

ISIC = 1511: Production, Processing and Preserving of meat and meat products

MUSCAT	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
DHOFAR	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
DHAKLIA	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
NIZWA	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
SUMAIL	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
SHARQIYA	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
IBRA	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
SUR	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
AL-BATINA	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
SOHAR	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
RUSTAQ	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
DAHRA	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
BURAIMI	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
IBRI	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
MUSANDAM	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX

(Note) The more method of display is subdivided, the more is the possibility of confidentiality due to reduced number of establishments in a same category.

(2) Confidentiality

It is mandatory to keep survey items, other than the number of establishments, confidential if the number of establishments displayed in all tables are limited to one or two, in consideration of ensuring confidentiality individual establishment information. Outline of methods to ensure confidentiality is as follows.

1) Confidentiality of industrial statistical survey results

Confidentiality shall be kept in three stages: primary confidentiality, secondary confidentiality and tertiary confidentiality.

a) Primary confidentiality

Data of all survey items, other than the number of establishments, should be expressed by X, except items which have no data.  
(Simple confidentiality)

In statistical tables with horizontal and/or vertical totals, one more cell must be suppressed in case one of the components of a total is suppressed. (Method A)

b) Secondary confidentiality

With regard to the establishment which is kept confidential in primary confidentiality, survey items which have no data is expressed simply by [ - ]. If data on confidential items can be derived by subtraction from the total, the cell expressed by [ - ] in compliance with the following conditions

should be expressed by [ X ] to keep confidentiality. (Method B)

Condition 1: [ - ] should be changed to [ X ] when there is a [ X ] expression in the column including [ - ] expression by simple confidentiality in primary confidentiality.

Condition 2: [ - ] should be changed to [ X ] when the suppression was made by Method A.

Conversely, [ X ] should be disclosed by showing data which has been suppressed if there is a [ - ] expression by simple confidentiality and there is a [ X ] expression by Method A.

c) Tertiary confidentiality

Data can be disclosed by comparing one figure with another in different tables in the same or different publication and if that happens, appropriate suppressions should be made by Method B.

- In case a cell is suppressed in one column, another cell should be suppressed by selecting it in the same column.

- In case a cell suppressed by tertiary confidentiality is the subject of secondary confidentiality, the cell should be suppressed by secondary confidentiality again.

d) Confidentiality method by table

- Statistical table by industry classification

Data in the last industrial classification number should be suppressed by Method A. In case this is already suppressed, data in the industrial classification number immediately prior to the last number should be suppressed.

- Statistical table by the size of employees and by size of capital

Except for the classification by size (employment/capital) in which data is suppressed, the data below classification by size should be suppressed.

If the suppressed data is in the lowest number, the one of higher grade in the table should be suppressed.

- Statistical table by geographical area

Except for the classification by geographical area in which data is suppressed, the data in the geographical classification with the least number of establishments should be suppressed. In the case of the data to be suppressed by Method A being more than one, the one of higher grade in the table should be suppressed.

## 7.4 Establishment of the Center and Survey Implementation System

### 7.4.1 Statistical Survey Execution Agency

#### (1) The Ministry of Commerce and Industry

The Ministry of Commerce and Industry shall integrate survey/statistics related in-house staff into the Industrial Statistics Information Center which will be organized using existing Industrial Statistics Unit as its nucleus and will remain for the time being under the jurisdiction of the Directorate General of Industry.

According to the statistics law, the Ministry of Commerce and Industry is able to conduct the industrial statistical survey. A Ministerial Decree or other legal actions shall be taken to define regulations for the survey implementation, data processing, tabulation, method of publication etc. The Ministry of Commerce and Industry shall be responsible for securing budget appropriation and for the budget management as required for the activities of The Industrial Statistics Information Center and for the implementation of industrial statistical survey.

#### (2) Industrial Statistics Information Center

The Center is a central agency to be newly established within the organization of the Ministry of Commerce and Industry for the purpose of planning and conducting various statistical surveys. For the time being, activities of the Center shall be concentrated in the works needed for the industrial statistical survey, such as planning of survey, planning of tabulations, planing of computers, staff

education and training, and safekeeping of statistics information and materials.

The Center shall conduct the field enumeration in the Muscat capital area and shall organize a survey department to be in charge of the field survey within its organization.

#### 7.4.2 Survey Implementation System

In conducting the industrial statistical survey in Oman, time seems not quite ripe yet to depend on the organization of regional administrative bodies (59 Wilayats). Consequently, the survey system must rely on the Industrial Statistics Information Center within the Ministry of Commerce and Industry, and the Ministry's Regional Offices, namely network of the group affiliated with The Ministry of Commerce and Industry.

The form of survey implementation system in the Muscat capital area would have to be somewhat different from the same in other regional administration areas.

##### (1) Muscat capital area

Direct survey method shall be adopted by the Industrial Statistics Information Center to be newly established.

(Refer to system (1) shown in the Fig. 7.4.1)

##### (2) Regional administration areas

The Industrial Statistics Information Center will assign as much survey work as possible to Regional Offices of the Ministry of Commerce and Industry located in major cities, while control of survey work

as a whole will be centralized in the Center. In this case, training of Regional Office staff will be the issue of extremely importance. (Refer to system (2) in the Fig. 7.4.1)

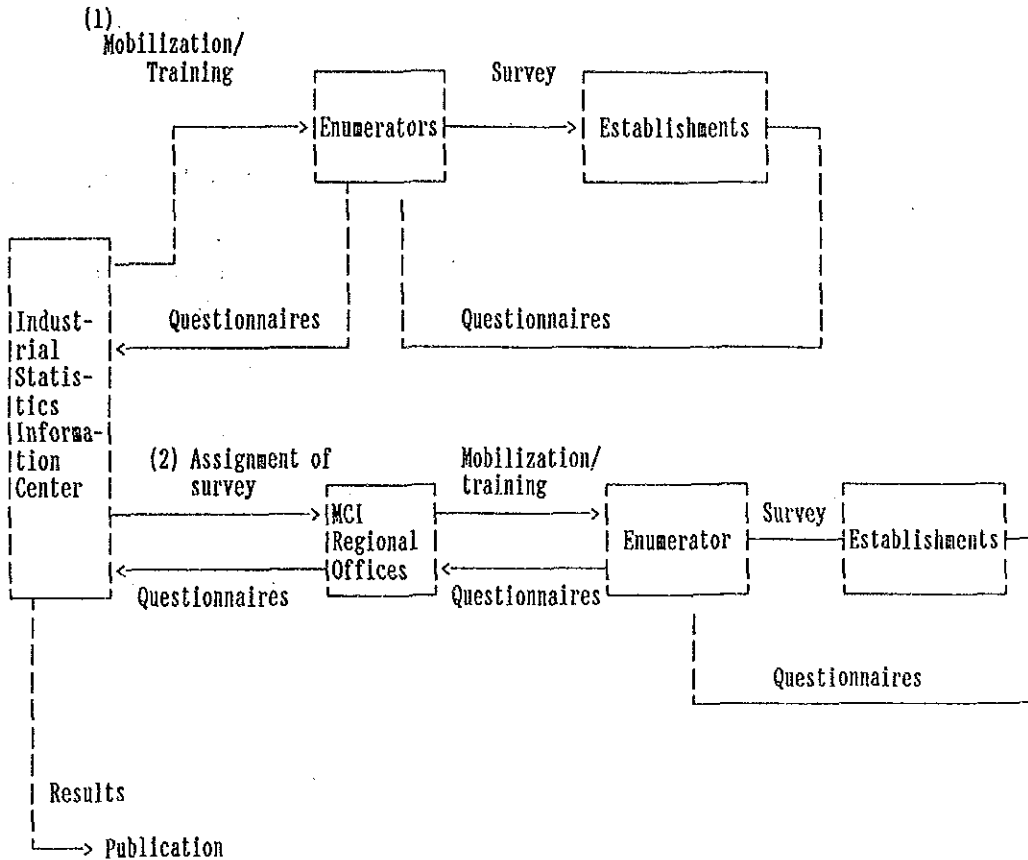


Fig. 7.4.1 Survey Implementation System

### 7.4.3 Statistical Survey Enumerators and Survey Work

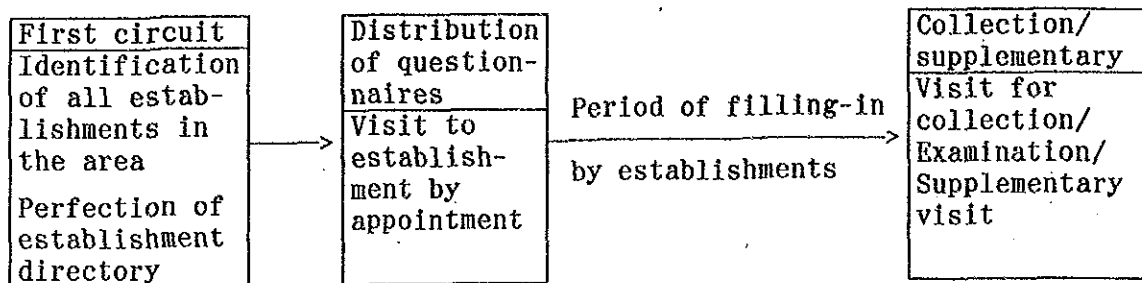
The Ministry of Commerce and Industry and The Industrial Statistics Information Center shall be the bodies to implement statistical survey. Enumerators are in charge of visiting establishments and collecting required information. Recruitment of enumerators and management/control of efficient survey work will be the tasks of extreme importance for the agencies responsible for the implementation of survey.



(1) Survey work and enumerators

- 1) Basic policy to determine number of enumerators and basic policy to determine survey period

Field survey work of enumerators in the area to be surveyed are divided into three stages as shown below.



The study team adopted the method to calculate required number of enumerators on the basis of work load required for the first circuit. Basic idea is as follows.

It is clear that required number of enumerators depends on the length of survey period allowed for the given volume of survey work.

In setting out period of survey, it was so opted to set out a relatively long survey period (1 - 2 months) in exchange of reducing number of enumerators. It was not possible to complete the survey within a shorter period - for example 1 - 2 weeks - by simply increasing number of enumerators. Survey period can not be shortened beyond a certain limit due mainly to circumstances of establishments, such as inadequate bookkeeping, routine absence of owners, unwillful negligence of respondents etc.. Mere increase in the number of enumerators would not result proportionally shorter survey period.

Because no data are readily available by which to determine optimal length of survey period and number of enumerators required, it should be opted, as the second best alternative, to lengthen survey period as such not to cause inconvenience of the works to follow, while limiting enumerators to those of best quality but in less number.

It is important to ensure quality of entry into questionnaires to be as close as possible to the satisfactory and acceptable level by spending as much time and efforts of enumerators as permissible. Once erroneous or inaccurate information had been accepted by enumerators, it become necessary to repeat field survey in the middle of later works to follow wasting time and expenses unnecessarily. In view of the status of human resources available in Oman, it is difficult to recruit a large number of enumerators for a short period of work on temporary basis.

Accordingly, it is better to employ enumerators of higher quality but in less number for longer period of time, rather than recruiting a large number of enumerators of less quality to complete the survey within shorter period of time.

2) Estimation of required number of enumerators

Required number of enumerators estimated on the basis of experience gained through the survey of sampled establishments is 91 as a minimum. The estimation is based on the following assumptions concerning survey work and work efficiency.

- a. Field survey work of enumerators begins with the first circuit throughout the area to identify all establishments existing in the area. The first circuit shall be in accordance with preliminary directory list of establishments and detailed maps. Distribution and collection of questionnaires shall then follow.
  
- b. Required number of enumerators for the survey of Muscat capital area is estimated by representing survey work volume by way of the number of blocks (224 in total) determined and marked by Municipality Office. It is assumed that enumerator is capable of surveying a block in two days in the Muscat capital area and that each in regional area enumerator is capable of surveying 10 establishments per day. Field survey team for Muscat capital area will have to be assigned to the survey of certain wilayats in accordance with administrative arrangements as agreed upon. Number of establishments existing in the areas in accordance with industrial registration record is 323. The volume of work required for the Ministry of Commerce and Industry's Muscat headquarters to identify establishments is therefore 481 man-days ( $224 \times 2 + 323/10$ ).
  
- c. Distribution and collection of questionnaires

It is assumed that two extra visits will be necessary to one half of the surveyed establishments to urge submission of questionnaires or for supplementary explanation.

As for the Muscat capital area, the number of registered establishments is taken as the basis for calculating work volume, just as in regional areas, because location of establishments to which questionnaires are to be distributed can be confirmed by the above-mentioned field survey.

- d. The number of establishments to be surveyed is calculated on the basis of the number of establishments in the industrial registration information. Although the actual number may be higher, due to the existence of unregistered establishments or newly founded establishments, their effect may be offset by registered establishments that have ceased operation. The number of establishments estimated to exist by the regional office concerned is taken as the basis of calculation in case it is greater than the number of establishments registered in the area.

3) Period for completion of questionnaires

Two weeks is uniformly assumed as the period for completion of questionnaires.

4) Survey period

Assuming two months (8 weeks) as the overall survey period as mentioned in 1) above, all survey work including identification of establishments to be surveyed, distribution, completion and collection of questionnaires shall be completed during this period. Deducting two weeks for completion of questionnaires, survey enumerators are given six weeks (30 working days)

for their survey work.

Table 7-4-1 column (J) summarizes estimated number of survey enumerators required determined by dividing the total work volume (man-days) by six weeks (30 working days). Furthermore, a supervisor is required for each 10 enumerators in order to quality control (column (K) in the table).

Table 7-4-1 Work volume and number of enumerators required for industrial statistical survey

MCI and regional offices	Number of registered establishments		Survey work volume				Total work volume (Man-days) I=O+D+F	Number of enumerators J=I/30	Supervisor	Total number of enumerators	
	A	B	Identification of establishments surveyed (C(Man-days))	Distribution of questionnaires (D(Man-days))	Entry into questionnaires (E (Day))	Collection of questionnaires (Man-days)					
	(1) 933	---				F=G+H					First Visit G
Muscat	401	480	(2) 481	187	(10)	374	187	1,042	35	3	38
Sohar	252	196	25	51	(10)	102	51	336	12	1	13
Ibri	104	60	11	21	(10)	42	21	178	6	---	6
Buraimi	72	---	8	15	(10)	30	15	74	3	---	3
Nizwa	178	306	31	62	(10)	124	62	53	2	---	2
Ibra	228	437	44	88	(10)	176	88	217	8	---	8
Salalah	316	318	32	64	(10)	128	64	308	11	1	12
Musandam	5	---	1	1	(10)	2	1	224	8	---	8
Total	(4) 2,489	---	681	585	---	1,170	585	2,436	86	5	91

\* The larger of the A and B values is taken as the basis.

(1) Muscat capital area: 224 blocks, 610 establishments  
10 regional Wilayats: 323 establishments

(2) Refer to item b., "Identification of establishments to be surveyed."

(3) Supervisor: a supervisor against ten enumerators is required in order to supervise enumerator's quality control.

(4) This shows number of registered establishments as of end of October, 1991 and 698 registered establishments with location unknown are excluded.

(2) Mobilization of enumerators

It is necessary to examine regional mobilization of enumerators in line with the estimated number of required enumerators as mentioned earlier and entire country may be subdivided into two classifications as follows.

- \* Muscat capital area : Where relatively large number of enumerators are needed.
  
- \* Salalah and other areas: Where relatively small number of enumerators suffices.

1) Muscat capital area

During the survey conducted by the study team, 13 temporary enumerators were actually employed. In consideration of the experience, it is considered possible to recruit required number of enumerators either by public invitation or through the channel of personal connections.

2) Regional areas

Another alternative may be to recruit staff of regional offices of government agencies on part-time basis.

It is not too difficult to recruit the staff from each regional offices of government agencies in order to secure relatively small number of enumerators required for the survey in regions in total. However, The Ministry of Commerce and Industry would have to solicit cooperation and assistance of other ministries and take necessary

administrative and legal actions in order to implement this method of enumerator recruitment.

## 7.5 Subdivision of Enumeration Areas and Enumeration District Maps

### 7.5.1 Needs for Subdivision of Enumeration Areas

Implementation of the statistical survey requires a large number of enumerators. It is necessary to ensure that each enumerator is assigned enumeration districts to assume responsibility of the enumeration districts in the assigned area. Assigning districts to enumerators would eliminate overlapping or omission of enumeration and would also lead to smooth and effective distribution and collection of questionnaires.

### 7.5.2 Methods to Subdivide Enumeration Areas

The essential factors for the subdivision of enumeration areas include following:

- Each enumeration district must be of a size where an enumerator can complete the enumeration within the given period of time.
- Physical boundaries between enumeration districts are objectively clear and identifiable.
- Number of survey objects located within each enumeration district must be uniform from one district to another. (District size appropriate for the activities of an enumerator, however, must be determined by taking into consideration magnitude of area, topographic features, and convenience of transportation).



Subdivision of enumeration areas is therefore proposed as follows for the entire territory of Oman by taking into consideration above-mentioned factors.

(1) Muscat capital area

Muscat capital area should be subdivided as finely as possible up to each block unit by utilizing address system and maps adopted by Muscat Municipality Office, because a large number of manufacturing establishments are widely dispersed in this area.

(2) Regional areas

Search/control of establishments is considered relatively easy initially if rough basic maps are available, because locations of manufacturing establishments are likely to be concentrated in the case of regional areas. Maps which are being used by The Ministry of Housing for the planning of new towns may be used as the basic maps. Those maps accurately show main roads. Regional areas may be roughly subdivided with reference to main roads and wadis or with reference to relatively large roads.

Detailed maps of subdivisions may be produced when address systems similar to those of Muscat capital area will have been adopted in future.

7.5.3 Subdivision of Enumeration Areas and Coding

Enumeration areas shall be subdivided by above-mentioned methods and shall be coded in accordance with the coding system to be explained hereunder.

(1)	(2)	(3)	(4)
XX	XX	XX	XXX

(1) First two digits represent the code allocated to each Regional Office of Ministry of Commerce and Industry to confirm administrative jurisdiction the area comes under. The Ministry's headquarter in Muscat controls Wilayats in other regions as the second digit identifies the difference. (For example, 12 for Wilayats in Batina region, 13 for Wilayats in Sharqia region)

(2) Wilayat number

Each of existing 59 Wilayats is given a serial number.

(3) Each of areas in Muscat capital area to which Municipality Office gives names is given serial number beginning with 01. Serial number beginning with 10 shall be given to subdivisions of regional Wilayats.

(4) Each of block numbers in Muscat capital area shall be used. 000 is allocated to regions.

For example, code 11-02-21-206 represents following areas.

11 : Jurisdiction of Muscat headquarter of the  
 Ministry of Commerce and Industry  
 02 : Wilayat Bausher  
 21 : Al Wattayah  
 206 : Block No. 206

Examples of code given to the jurisdiction of each Regional Office are as follows:

- 11 : Area in Muscat capital area under the jurisdiction of Muscat headquarter of The Ministry of Commerce and Industry
- 12 : Wilayat in Batina region under the jurisdiction of Muscat headquarter of The Ministry of Commerce and Industry
- 13 : Wilayat in Sharqia region under the jurisdiction of Muscat headquarter of The Ministry of Commerce and Industry
- 21 : Rustaq Regional Office (Batina region)
- 22 : Sohar Regional Office (Batina region)
- 31 : Sur Regional Office (Sharqia region)
- 32 : Ibra Regional Office (Sharqia region)
- 41 : Nizwa Regional Office (Dhaklia region)
- 51 : Ibri Regional Office (Dahra region)
- 52 : Buraimi Regional Office (Dahra region)
- 61 : Salalah Regional Office (Dhofar region)
- 71 : Musandam Regional Office (Musandam region)

Appendix 9 shows examples of subdivisions in major part of Muscat capital area and those in Nizwa area.

#### **7.6 Establishment of Legal Basis and Regulations of Industrial Statistical Survey Work**

For the implementation of the industrial statistical survey, it is necessary define legal regulations for the survey implementation and survey work procedures.

Items which are suggested for inclusion in the Royal Decree and/or Ministerial Decree are as follows.

(1) Objective of survey

Industrial statistical survey shall be given an objective to clarify status of manufacturing sector in Oman.

(2) Basis of survey

Industrial statistical survey shall be implemented in conformity with [Statistics Law].

(3) Agency in charge of survey

Industrial statistical survey shall be implemented by the Minister of Commerce and Industry.

(4) Implementation of survey

Industrial statistical survey shall be implemented in conformity with [Regulation of the implementation of industrial statistical survey] and [Regulation of industrial statistical survey work procedures].

[Regulation of the implementation of industrial statistical survey] shall define all items relative to the implementation of industrial statistical survey and shall be enforced as a Decree. Items covered shall be :

- 1) Agency in charge of survey
- 2) Subject of survey
- 3) Timing of survey
- 4) Reference period
- 5) Method of survey
- 6) Items of survey
- 7) Method of totalization

- 8) Method of publication, conditions of confidentiality and method to keep confidentiality
- 9) Scope of survey data users and procedures

[Regulation of industrial statistical survey work procedures] shall define procedures of transactions relative to the implementation of industrial statistical survey and shall be enforced as a Decree.

- (5) International Standard Industrial Classification (ISIC Rev.3) shall apply to industrial statistical survey.

These regulations can also be used as manuals of implementation of survey and survey work procedures respectively. Appendix 10 and 11 show drafts of these regulations.

#### 7.7 Schedule of Industrial Statistical Survey

Following schedule are suggested for the implementation of industrial statistical survey in the Sultanate of Oman after the completion of this study in March 1992 with submission of the final report.

It is necessary to conduct a pilot survey in the manner in line with the method of conducting a full-scale survey and in prior to the implementation of a full-scale industrial statistical survey. The pilot survey is aimed to the formulation of a concrete plan of implementing full-scale industrial statistical survey and to confirm from every point of view whether method of survey is compatible with actual circumstances, or whether improvements are needed. There would be cases where original plan may have to be modified in part. It is also important that the planner to have direct

experience concerning needs of modifications.

- (1) 1993 (around April) Pilot survey
- (2) 1994 (around April) First industrial statistical survey

The survey will be the first nation-wide survey of the kind to be conducted during the period beginning in April and ending in July. The results shall be published before September - October 1994.

- (3) 1995 (around April) Second industrial statistical survey

Yearly nation-wide survey shall be conducted routinely following the completion of this second nation-wide survey.

Action plan to establish Industrial Statistics Information Center in accordance with the master schedule is presented in detail in chapter 8.

## 7.8 Industrial Classification and Commodity Classification Coding System

### 7.8.1 Industrial Classification

Industrial classification to be adopted for the planning of industrial statistical survey shall be four-digit classification coding of INTERNATIONAL STANDARD INDUSTRIAL CLASSIFICATION of the United Nations, 3rd edition (ISIC, Rev.3, 1989).

Because ISIC, Rev.2, 1968 had been already adopted for [Industrial Registration] in Oman, adoption of latest ISIC (Rev.3) is considered appropriate.

## 7.8.2 Commodity Classification

### (1) Objective of commodity classification

Industrial classification of an establishment is determined by the type of activities conducted by that establishment. Type of activities is represented by the commodity (i.e. goods and services) which are produced by the establishment concerned.

Accordingly, a two-digit classification coding shall be added after four-digit ISIC code so that six-digit code in total can be used for commodity classification. The classification shall be used for the detailed rating of manufacturing industry and shall be an indispensable means for the preparation of production/shipment statistics for each commodity.

Commodity classification should be compatible with the status of the country to which commodity classification to apply and should be renewable after every 5 - 6 years in the light of continuity of statistical survey results.

### (2) Coding procedure

Commodity code shall be determined under the following procedures :

- 1) First to fourth digits are 4 digit classification of ISIC Rev.3.
- 2) Fifth digit is assigned to the code to classify the commodity in question. The sixth digit is assigned to the code of subdivided commodities within that classification. However classification code [9] is assigned to [others].

[91] is allocated to fifth and sixth digits to represent receipt which is accompanied by the goods produced by processing brought-in materials of other manufacturer/s, while [92] is allocated to represent receipt which is accompanied by the provision of service of an establishment to another.

- 3) Classification items are based on the central product classification (CPC) of the United Nations and shall be determined by adding thereto information concerning local production in Oman and export/import.
- 4) Harmonized Commodity Description and Coding System (HS) used for trade statistics shall be used for the coding of commodity classifications as much as possible. For commodities circulating in Oman and particular to Oman however, new classification/subdivision codes shall be allocated.

(3) Reference data

- 1) [Contrast table of ISIC-CPC-HS'] (hereinafter called "Contrast Table")

HS' as used herein is the trade classification in Oman which has revised a part of HS, international trade classification, to show amount of export and import as reference data. (Refer to Table 7-8-1)

- 2) [Information on principal products] in accordance with [Industrial registration system] in Oman (Refer to Table 7-8-2)

(4) Determination of subdivision coding



- 1) Five digit code which shows classification of commodity classifications and six digit code which shows subdivisions are determined as follows in accordance with Contrast Table.
  - a. Five-digit code to show classifications shall be composed of to have first four-digit code which is same as first four-digit code of CPC. 1 - 8 of five-digit code are used to show classifications of commodity classification, while 9 shall be allocated to the classification of processing fee income and repair fee income.
  - b. 6-digit code to show subdivisions is composed of the fifth order digit of CPC. 0 shall be allocated when one classification is composed of one subdivision. When it is composed of more than two subdivisions, code beginning with 1 shall be allocated.

(Example)

ISIC	CPC	
2913	43310	Ball bearing or roller bearing
	43320	Transmission shaft and crank
	43331	Component parts for sub-class 43310
	43332	Component parts for sub-class 43320

Method to determine classifications

			grouping
433	1	0	2913 1
433	2	0	2913 2
433	3	1	2913 3
433	3	2	

Method to determine subdivisions

		heading		
4331	0	29131	0	
4332	0	29132	0	
4333	1	29133	1	
4333	2	29133	2	

- c. In case number of classification is greater than 9 for a. above, a classification shall be composed of those with the same first three-digit CPC code, while those with different fourth digit code shall compose a different subdivision.
- 2) In order to reflect actual status of industries having many establishments, subdivisions same as those of HS' shall be used.

Following are the industries having many establishments.

- 2022 Manufacture of builder's carpentry and joinery
- 2695 Manufacture of articles such as concrete, cement and plaster
- 2811 Manufacture of structural metal products
- 3610 Manufacture of furniture

(Example)

<u>ISIC</u>	<u>CPC</u>	<u>HS' CODE &amp; DESCRIPTION</u> (CONTENTS OF CPC)	<u>COMMODITY</u> <u>CLASSIFICATION</u> <u>CODE</u>
For (1)			
2022	31600	Builders' joinery and carpentry of wood	202210
For (2)			
2022	31600	4418.1000 Windows and frames	202211
		.2000 Doors and frames	202212
		.3000 Parquet panels	202213
		.4000 Shuttering for concrete works	202214
		.5000 Shingles and shakes	202215
		.9000 Others	202219

- 3) Certain local industries including traditional handicraft which is to inherit traditional technique as the national heritage shall be classified into a new classification separate from the classification of industries which are primarily for business.

The new classification shall be as follows.

171152	Traditional hand-woven fabrics of wool
171161	Traditional hand-woven fabrics of cotton
202311	Traditional box of wood
202911	Traditional miniature Dow-ships

269110	Traditional ceramic goods, glazed and unglazed
369130	Traditional daggers
369141	Traditional jewellery/other articles of gold
369142	Traditional jewellery/other articles of silver
369149	Precious metal jewellery/other articles n.e.c
369150	Articles of natural pearls/Precious stones

4) Whether or not the commodity to be classified includes all commodities listed in [Commodity Information] shall be checked. For example, 14 establishments are listed in [Commodity Information] to primarily produce spices which may be concealed in 154929 - Other food products n.e.c.. Therefore, 154927 Spices shall be newly determined as an independent item of classification.

Similarly, five establishments are listed to primarily produce tomato paste which may be classified into jam in 151332 Jams,....puree and paste. Accordingly, Tomato paste and Jams ..... shall be classified respectively into 151332 Tomato paste and 151333 Jams,.....

In addition, as soft drinks such as coke or ginger ale which are favored by Omanis were included in "others" of 1554 Soft drinks, they are separated from 155430 Others and classified independently as 155420 Soft drinks.

5) Following items have been found, after discussion by Steering Committee for Industrial Statistics, better to be classified by subdivided CPC in

order to reflect domestic production in Oman.

- Automobile gasoline (including aircraft gasoline) of 2320 petroleum products shall be subdivided into 3 categories of (1) aircraft gasoline, (2) super-gasoline for automobile, and (3) regular automobile gasoline.

- 3691 Jewellery shall be subdivided into 3 categories of (1) gold jewellery, (2) silver jewellery, and (3) other precious metal jewellery.

6) The fact that declaration in accordance with division of 1511 meat and meat products into Fresh or chilled and Frozen is not easy, and that the division takes place in conjunction with distribution and is not suitable for division in conjunction with production is identified and it was therefore decided to eliminate the division. 151231 Lobster, shrimps and prawns has been separated from Crustaceans and classified independently in order to reflect high percentage of export. Also, camel meat has been included in 151119 Other meat/edible offal in view of extreme small quantity of current production and import, instead of classifying it under an independent classification.

(5) Compression of classification item names

1) Purpose of compressing classification item names is to make entry into questionnaires by each establishment and also manifestation of results of survey by commodity classifications easier.

2) Accordingly, names of classification items shall be compressed as follows.

- a. Names shall be compressed not to exceed forty letters in total. Space between words is calculated as one letter. (40 letters cover 90% of all names. Those exceeding 40 letters shall omit letters exceeding 40)
  - b. Original words as used in CHC, HS' as used as the basis of the classification shall be used as they are. Determinative sentence such as [.....of copper] shall be changed as [Copper .....].
  - c. [/] shall be used for [and, or].
  - d. Enumerated commodity names shall be so abbreviated as [and the like].
- 3) Expressions so abbreviated shall be deemed to be the original names.

(6) Unification of the unit of quantities

- 1) Purpose of unifying the unit of quantities is to facilitate survey of quantities of production and preparation of quantitative statistics for each establishment and check by computers accuracies of amount and quantities of production as entered into questionnaires and whether unit prices given by dividing amount of production by corresponding quantities of production are within a certain range from the average.
- 2) Royal decree No.39/1976 dated October 20, 1976 made it mandatory to use metric system, m as unit of length, m<sup>2</sup> as unit of area, m<sup>3</sup> as unit of volume, kg as unit of weight and so on. On the basis of this royal decree, The Ministry of

Commerce and Industry, which is responsible for establishing and administering standards, approved on July 30, 1990 and enforced Omani standard No. 51/1990 and No.52/1990 for basic unit, auxiliary unit and derived unit of quantities. In accordance with those standards, units of quantities were unified with reference to the status of entries of quantities in the survey of sampled establishments.

(7) Making commodity classifications known to everybody

- 1) In order to make commodity classifications known to every body without exception, it is considered desirable to hold seminars targeted to Regional Office staff, statistical survey enumerators as well as persons in charge of entry into questionnaires on behalf of establishments.
- 2) It is also considered desirable to prepare and distribute commodity classification manuals so that respondents can enter products of their establishments into questionnaires correctly.

7.8.3 Classification of Raw Materials

- (1) One of the important objectives of the industrial statistical survey is to grasp status of the use of indigenous resources and imported goods by manufacturing sector. Classification concerning raw materials is equally considered necessary as the classification concerning commodities.
- (2) In the case of products included in the commodity classifications discussed hereinabove being used again for manufacture, raw materials can be classified using the commodity classification. In the case of agricultural and fishery products and mining

products used as raw materials however, a new system of classification is needed. Accordingly, raw material classification shall be accordingly supplemented.

- (3) Method of establishing the classification shall be based on CPC similarly to commodity classification. Subdivisions shall be made for agricultural products such as dates, and for mining products such as marble, copper ore , crude oil etc..

Service activities related thereto are not classified as raw materials and therefore excluded from the system of classification.



Table 7-8-1 Correlation Table of Oman for ISIC 1511

1511 Production of Meat  
& Meat Products

CPC=code/title	HS' (Trade Statistics of Oman) Code/Title	Amount Imports/Exports
21111 Meat of bovine animals, fresh	02011000 Meat of bovine animals,	7, 143/
	02012000 Meat of bovine animals,	12, 439/
	02013000 Meat of bovine animals,	1, 474/
21112 Meat of bovine animals, frozen	02021000 Meat of bovine animals,	45, 882/ 4, 305
	02022000 Meat of bovine animals, cuts with bone in	61, 579/16, 551
	02023000 Meat of bovine animals,	1, 923, 590/ 6, 118
21113 Meat of swine, fresh		
21114 Meat of swine,	02032000 Meat of swine, frozen	169, 460/
21115 Meat of sheep, fresh	02041000 Meat of sheep, fresh, carcasses of lamb	56, 890/
	02042100 Meat of sheep, carcasses of sheep	18, 501/
	02042200 Meat of sheep, cut	2, 477/
21116 Meat of sheep, frozen	02043000 Meat of sheep, frozen carcasses of lamb	3, 936, 295/907
	02044100 Meat of sheep, carcass- es of sheep	747, 329/
	02044200 Meat of sheep, cut with bone	1, 634, 697/12, 963
	02044300 Meat of sheep, boneless	269, 763/
21117 Meat of goats, fresh or frozen	02044300 Meat of goats, fresh	488, 823/

Table 7-8-2 Main Product Information

ISIC Rev. 3	Main Products	Number of establishments
1511 Production of meat & meat products	(1) Broiler	1
	(2) Fresh/chilled broiler	1
	(3) Poultry	1
	(4) Poultry slaughtering	2
	(5) Meat products	1
	(6) Meat processing	1

Commodity classification table and classification manuals for five types of industries which encompass a large number of establishments are summarized in Appendix 14 and 15.



## CHAPTER 8. ACTION PLAN FOR ESTABLISHMENT OF THE CENTER AND FOR INDUSTRIAL STATISTICAL SURVEY

Action plan consists of two parts, one concerning establishment of Industrial Statistics Information Center and the other concerning implementation of industrial statistical survey.

### 8.1 Preparation for the establishment of the Center

Preparation work for the establishment of the Center shall be the responsibility of Industrial Statistics Unit of Ministry of Commerce and Industry which will be the parent body of the Center and shall prepare establishment plan for Industrial Statistics Information Center and shall establish the Center in compliance with various procedures of Ministry of Commerce and Industry. Items concerning the establishment of the Center are shown as follows.

#### 8.1.1 Outline of Preparation Work and Action Plan

##### (1) Items of preparation work

- 1) Preparation of establishment plan
- 2) Preparation of Center office
  - Interior work of Center office room
  - Procurement of office equipment
  - Procurement of office furniture
- 3) Recruitment of Center staff
- 4) Design and development of software system
- 5) Procurement of computer system and related facilities

(2) Action plan

Table 8.1.1 shows action plan of the preparation work for the establishment of the Center.

## 8.2 Implementation of Industrial Statistical Survey

### 8.2.1 Planning and Design of Survey

Industrial Statistics Information Center shall plan and design industrial statistical survey.

### 8.2.2 Works Related to the Implementation of Industrial Statistical Survey

Contents of the works related to the implementation of survey on the basis of the plan are shown as follows.

(1) System of the survey and works to be conducted by agencies to whom works are assigned

1) System of the survey

Agencies to whom part of survey works shall be assigned include Directorate of Commerce and Industry in Southern Region, and Regional Office of Ministry of Commerce and Industry located in Sur, Ibra, Nizwa, Buraimi, Ibri, Sohar, Musandam, and Regional Office of Rustaq to be opened shortly. Those agencies shall conduct survey work assigned by the Center. The Center shall conduct survey in Muscat capital area by itself.

System of survey and outline of survey work to be conducted by each agency concerned are shown as follows.

Implementing agency	<p>The Ministry of Commerce and Industry, The Industrial Statistics Information Center</p> <ul style="list-style-type: none"> <li>- Planning and design of statistical survey</li> <li>- Preparation of directory list of establishments to be surveyed</li> <li>- Preparation of documentation related to the survey</li> <li>- Design and preparation of statistical table</li> <li>- Education of enumerators</li> <li>- Examination and totalization of questionnaires</li> <li>- Publication of survey results</li> </ul>
Agencies to whom survey works are assigned.	<p>The Directorate of Commerce and Industry in Southern Region (Salalah region) Regional Offices in Sur, Ibra, Nizwa, Buraimi, Ibri, Sohar, Musandam and Rustaq</p> <ul style="list-style-type: none"> <li>- Preliminary survey (Confirmation and renewal of directory list of establishments to be surveyed)</li> <li>- Distribution, collection and examination of questionnaires</li> <li>- Supervision and command of enumerators</li> <li>- Examination of collected questionnaires</li> </ul>
Enumerators	<p>Enumerators</p> <ul style="list-style-type: none"> <li>- Implementation of preliminary survey</li> <li>- Distribution and collection of questionnaires</li> <li>- Examination of questionnaires</li> <li>- Response to the questions by respondents</li> </ul>
Establishments to be surveyed	<p>Establishments to be surveyed</p> <ul style="list-style-type: none"> <li>- Entry into survey items of questionnaire</li> </ul>

2) Works to be conducted by agencies to whom works are assigned

Works assigned to such agencies as Directorate of Commerce and Industry, Southern Region as well as regional office such as those in Sur, Ibra and so on are as follows.

- Preliminary survey
- Confirmation of directory list of establishments to be surveyed, confirmation of areas to be surveyed and collection of renewal information of establishments

- Distribution and collection of questionnaires
- Examination of collected questionnaires
- Management and control of enumerators
- Communication with the Center

(2) Survey schedule

It is necessary that the Center shall prepare work schedule of each survey system focusing on the timing of implementation and progress in accordance with the schedule so established. An example of survey schedule is shown in Table 8-2-2 [Action plan for the implementation of survey]. The schedule is normally accompanied with works associated thereto. It is desirable that the schedule should include certain redundancy.

(3) Work of Industrial Statistics Information Center

Principal work of the Center is to explain to agencies to whom the Center has assigned certain works. It is therefore desirable that resume of the work assigned is distributed in advance so that survey work assigned is fully understood. Explanation may be either by assembling all persons in charge in the Center or by giving explanation to each survey area or by combination of both to be repeated several times.

Documents related to the implementation of survey could be diverse but may be classified into those related to the survey and those related to the guidance for the survey. Necessary documents are as follows.

1) Survey related documents

Questionnaires, directory list of establishments to be surveyed etc., which enumerators are to prepare or to have them entered into by establishments to be surveyed.

- Industrial survey questionnaires and manuals
- Directory list of establishments to be surveyed
- Enumeration maps
- Commodity classification table and industry classification table
- Publicity, advertisement documents

2) Documents related to education

Documents related to education are classified into those concerning details of works to be conducted by those participating in the survey, viz. staff of the agencies in charge and enumerators, and those concerning methods to prepare documents concerning details of works to be conducted and the survey.

- a) Guidance documents targeted to surveying agencies

[Survey work manual] which clarifies role to be played and works to be conducted by the agencies to whom the work has been assigned.

- b) Documents to guide enumerators

[Enumerators' manual] which explains details of the work of enumerators.



(4) Recruitment of enumerators

1) Those qualified for enumerators.

- Those conversant with English language are desirable for enumerators because clerks in charge of accounting/business in the establishments are often expatriates not conversant with Arabic.
- Those who are capable of understand industrial statistical survey well and are enthusiastic to cooperate with the statistical survey
- Those who correctly understand survey procedures and are capable of complying with those procedures and are familiar with the state of things in the area to be surveyed.
- Those who have time to spare for the survey
- Those who can participate in field survey
- Those who are capable of winning confidence of respondents. Those involved in activities who may be likely to be misunderstood by respondents or those of extremely high age should be excluded.

2) Employment of enumerators

Because a any number of enumerators would have to be employed in view of the scale of the survey, it is necessary to recruit as many competent enumerators as possible, though may be not easy. Method of recruitment would be as follows.

- By public invitation

Public invitation announced through such media as newspapers, magazines, publicity papers.

- By personal recommendations

By recommendation by reliable third parties such as representatives of the area to be surveyed or by those involved in the survey.

Center head shall requisition to the Department of Personnel Affairs of the Ministry of Commerce and Industry employment of those who have been recommended by each Regional Office and the Center as enumerators.

After the first survey, it is desirable to register those who had actually participated in the survey as enumerators for recruitment as enumerators of future surveys.

(5) Training of enumerators

It is indispensable for enumerators to acquire basic knowledge concerning statistical survey in general including interview technique to have good relationship with respondents.

1) First step training

It is desirable to train enumerators for basic knowledge as soon as possible after designation as enumerators.

Fundamental items of basic training are as follows.

- Enumerator's duty

Education of survey enumerator's basic requisite such as significance of the work of enumerators, need to win confidence and trust of respondents, duty to keep confidentiality.

- Basic knowledge of industrial statistics in general

Introductory knowledge of industrial statistics such as role of industrial statistics, method of statistical survey.

- Interview technique

Method to have smooth relationship with respondents at the time of contact with them.

2) Second step training concerning industrial statistical survey

Training must be as detailed as possible, for example, by a role play or by actually filling a questionnaire so that enumerators can participate in the training by themselves.

- Knowledge of industrial statistical survey items

Knowledge capable of responding to questions for survey items of respondents.

(6) Management of enumerators

To manage and control enumerators is important in having comprehension of the progress of survey.

It is necessary to prepare a card corresponding to each enumerator and to record in it detailed activities of the enumerator. It is also necessary to accompany enumerators to confirm their survey activities. Recording of erroneous entries into questionnaires or omissions on routine basis and to utilize the record for the training and guidance of enumerators would be also effective.

(7) Activities of enumerators

Activities of designated enumerators are classified as follows.

1) Attendance to training seminar

Training seminar covers basic matters enumerators must be aware of, explanation of details of survey work of statistical survey, as well as distribution/collection of survey documents, instruction of survey area assignment etc..

2) Preliminary survey

Preliminary survey shall be conducted in prior to the statistical survey. Preliminary survey shall cover confirmation of the extent of the survey district of each enumerator, collection of information required for the renewal and update of directory list of establishments including identification of operating establishments, identification of establishments which have discontinued trade or have moved to other locations as well as those newly founded.

### 3) Implementation of survey

Industrial statistical survey shall be conducted by survey by enumerator and self-fill up by respondent. Enumerator interview of respondents is the most important and fundamental basis of the survey.

Respondents are requested to enter into questionnaires by themselves (self-fill up). It would be therefore necessary for enumerators to visit respondents at least twice. Respondents may find it difficult to enter into questionnaires completely simply by reading notes and manuals of questionnaires resulting erroneous entry or omission of entries. Enumerators are requested to check questionnaires thoroughly at the time of collecting them.

### 4) Examination and submission of questionnaires

Enumerators shall confirm whether they have collected all questionnaires to be collected and to examine collected questionnaires as instructed to do so. In case questionable entries have been identified, enumerators must refer to respondents for rectification of questionable entries. It is therefore necessary to check and examine collected questionnaires at the time of submission as much as possible and confirm questionable items with respondents. If found necessary, enumerators must request respondent to correct entries immediately.

Enumerators must collect all questionnaires and submit them after having examined and confirmed correctness of entries.

There may be cases where enumerators may be referred to by their supervisors with respect to the entries of questionnaires so submitted. Enumerators are requested to respond to such reference, not by their own judgement, but by having confirmed with relevant respondents.

Table 8-1-1 Action Plan concerning Establishment of the Center (Draft)

Item of work	Person in charge	1992			1993			1994			1995		
Preparation of plan to establish the Center (including procedures for establishment of the Center)	Center head	—											
Preparation for Center office (1) Procurement of office equipment (2) Procurement of fixture (3) Interior work	Planning and management												
Recruitment of Center staff	Center head (Personnel Dept.)	—											
Training of Center staff	Training/Expert from overseas												
Application software system : System design : System development	Computer Engineer (Computer Dept.)												
Procurement of computer and computer related equipment : Remodeling computer room : Computer system : Media, consumable : Furnishing	Computer Engineer (Computer Dept.)												
Plan/design of industrial statistical survey	Planning and management												

Table 8-2-2 Action Plan for Implementation of survey (Draft) 1/2

Item of work	1992	1993	1994	1995
Work of the Center				
1. Plan/design of survey	<ul style="list-style-type: none"> <li>(1) Preparation of survey manuals (including overall plan and processes)</li> <li>(2) Design/preparation of questionnaires, table</li> <li>(3) Preparation of survey implementation outline</li> <li>(4) Preparation of survey expense budget plan</li> </ul>			
2. Preparation work of survey				
<ul style="list-style-type: none"> <li>(1) Procurement of survey related articles</li> <li>(2) Printing/binding of questionnaires etc.</li> <li>(3) Delivery of survey related documents</li> <li>(4) Explanatory seminar for parties concerned</li> <li>(5) Recruitment/training of enumerators</li> <li>    - Public invitation for recruitment</li> <li>    - Employment of enumerators</li> <li>    - Training of enumerators</li> <li>(6) Publicity/advertisement of survey</li> <li>(7) Preparation of directory of establishments</li> <li>(8) Work assignment for enumerators</li> <li>(9) Contracting and arrangement of car rental</li> </ul>				
3. Implementation of survey				
<ul style="list-style-type: none"> <li>(1) Supervision of enumerators</li> <li>(2) Management of survey schedule</li> <li>(3) Examination of questionnaires</li> <li>(4) Response to questions concerning survey</li> </ul>		<ul style="list-style-type: none"> <li>↔ Pilot survey</li> </ul>	<ul style="list-style-type: none"> <li>↔ 1st survey census</li> </ul>	<ul style="list-style-type: none"> <li>↔ 2nd survey census</li> </ul>
4. Totalization of questionnaires (Tabulation)				
<ul style="list-style-type: none"> <li>(1) Input and totalization of data</li> <li>(2) Tabulation of statistics table</li> <li>(3) Preparation of statistics report (Preparation of script, printing and binding)</li> </ul>	<ul style="list-style-type: none"> <li>▼ Receipt of final report</li> </ul>			



Table 8-2-2 Action Plan for Implementation of Survey (Draft) 2/2

Item of work	1992	1993	1994	1995
<p>Work of Directorate of Commerce and Industry, Southern Region and Regional Office</p> <p>1. Preparation work for survey</p> <p>(1) Selection of person/s in charge            (2) Attendance of person/s in charge to training seminar            (3) Confirmation/renewal of directory of establishment            (4) Confirmation/coordination of survey schedule</p> <p>2. Implementation of survey</p> <p>(1) Supervision of enumerators            (2) Management of survey schedule            (3) Arrangement, examination and submission of questionnaires            (4) Response to questions concerning survey</p>			<p>Employment</p>	<p>Employment</p>
<p>Work of enumerators</p> <p>1. Preparation work for survey</p> <p>(1) Attendance to seminars concerning survey            (2) Confirmation/survey of establishments to be surveyed</p> <p>2. Implementation of survey</p> <p>(1) Distribution of questionnaires            (2) Confirmation of collection with establishments to be surveyed            (3) Collection of questionnaires            (4) Examination of collected questionnaires            (5) Entry into control sheet of survey</p>		<p>Employment</p>	<p>Employment</p>	<p>Employment</p>
<p>Establishments to be surveyed</p> <p>1. Cooperation to survey</p> <p>(1) Arrangement of bookkeeping relative to survey            (2) Entry into questionnaires</p>				

# APPENDIX



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1. Member List of Study Team

**ADVISORY TEAM**

Mr. Masamitsu KUMASAWA	<b>Leader</b> Director General Research and Statistics Dept., MITI
Mr. Minoru HARADA	<b>Ex-Leader</b> Ex-Director General Research and Statistics Dept., MITI
Mr. Kazumi WAKAI	<b>Sub-Leader</b> Statistics Analysis Division, Research and Statistics Dept., MITI
Mr. Makoto MOGI	<b>Overall Planning</b> Commercial Statistics Division Research and Statistics Dept., MITI
Mr. Yasuo MORINO	<b>Overall Planning</b> Statistics Analysis Division, Research and Statistics Dept., MITI
Mr. Tadayoshi ONODERA	<b>Overall Planning</b> Industrial Statistics Division, Research and Statistics Dept., MITI
Mr. Yutaka SANO	<b>Overall Planning</b> Industrial Statistics Division, Research and Statistics Dept., MITI
Mr. Hiroo IMAI	<b>Overall Planning</b> Service Industries Statistics and Research Office, Research and Statistics Dept., MITI
Mr. Hironobu NISHINO	<b>Overall Planning</b> Iron, Steel and Chemical Statistics and Research Office, Research and Statistics Dept., MITI

## STUDY TEAM

Mr. Mitsuru MARUYAMA	Leader CRC Research Institute, Inc.
Mr. Mitsuyasu YANAGISAWA	Sub-Leader Computer Design CRC Research Institute, Inc.
Mr. Hiroatsu NARITA	Planning CRC Research Institute, Inc.
Mr. Hifumi MITSUYA	Classification Design CRC Research Institute, Inc.
Mr. Yasushi NAKAMURA	Sampling Design CRC Research Institute, Inc.
Mr. Ryuta SHONO	Data Analysis Fujikiko Corporation
Mr. Masakazu MATSUMOTO	Data Arrangement Fujikiko Corporation
Mr. Hajime UEDA	Training Fujikiko Corporation
Mr. Hiroshi UDA	Computer Design (Software) CRC Research Institute, Inc.
Mr. Masamichi KAWABATA	Cost Estimation CRC Research Institute, Inc.







## 2. Government Organization

H.M. the Sultan

State Consultative Council

Specialized Council

The Development Council

The Financial Affairs Council

The Education and Vocational Training Council

The Supreme Youth Council

The Council for the Conservation of the  
Environment and Prevention of Pollution

The Sultan Qaboos University Council

Armed Forces

Royal Oman Police

Specialized Advisers

Prime Minister

Council of Ministers

Deputy Prime Minister for Security and Defence

Deputy Prime Minister for Legal Affairs

Deputy Prime Minister for Economic and Financial Affairs

Diwan of Royal Court

Ministry of Palace Office

Ministry of Finance and Economy

Ministry of Foreign Affairs

Ministry of Defence

Ministry of Agriculture and Fisheries

Ministry of Electricity and Water

Ministry of Justice, Awqaf and Islamic Affairs

Ministry of Health

Ministry of Petroleum and Minerals

Ministry of Housing

Ministry of Communications

Ministry of Education

Ministry of Interior

Ministry of Information

Ministry of National Heritage and Culture

Ministry of Water Resources

Ministry of Commerce and Industry

Ministry of Social Affairs and Labour

Ministry of Posts, Telegraphs and Telephones

Ministry of Regional Municipalities and Environment

Ministry of Civil Service



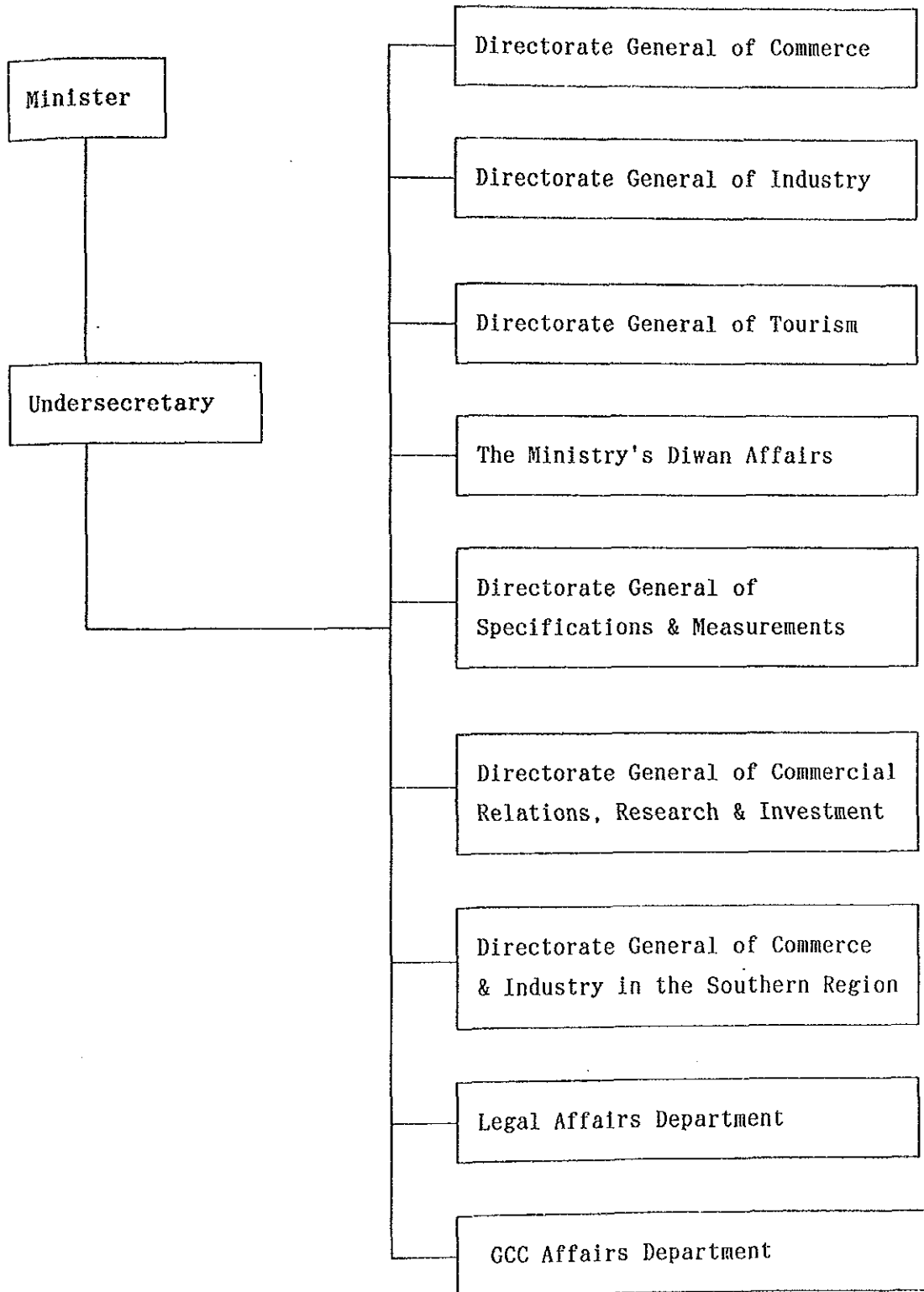




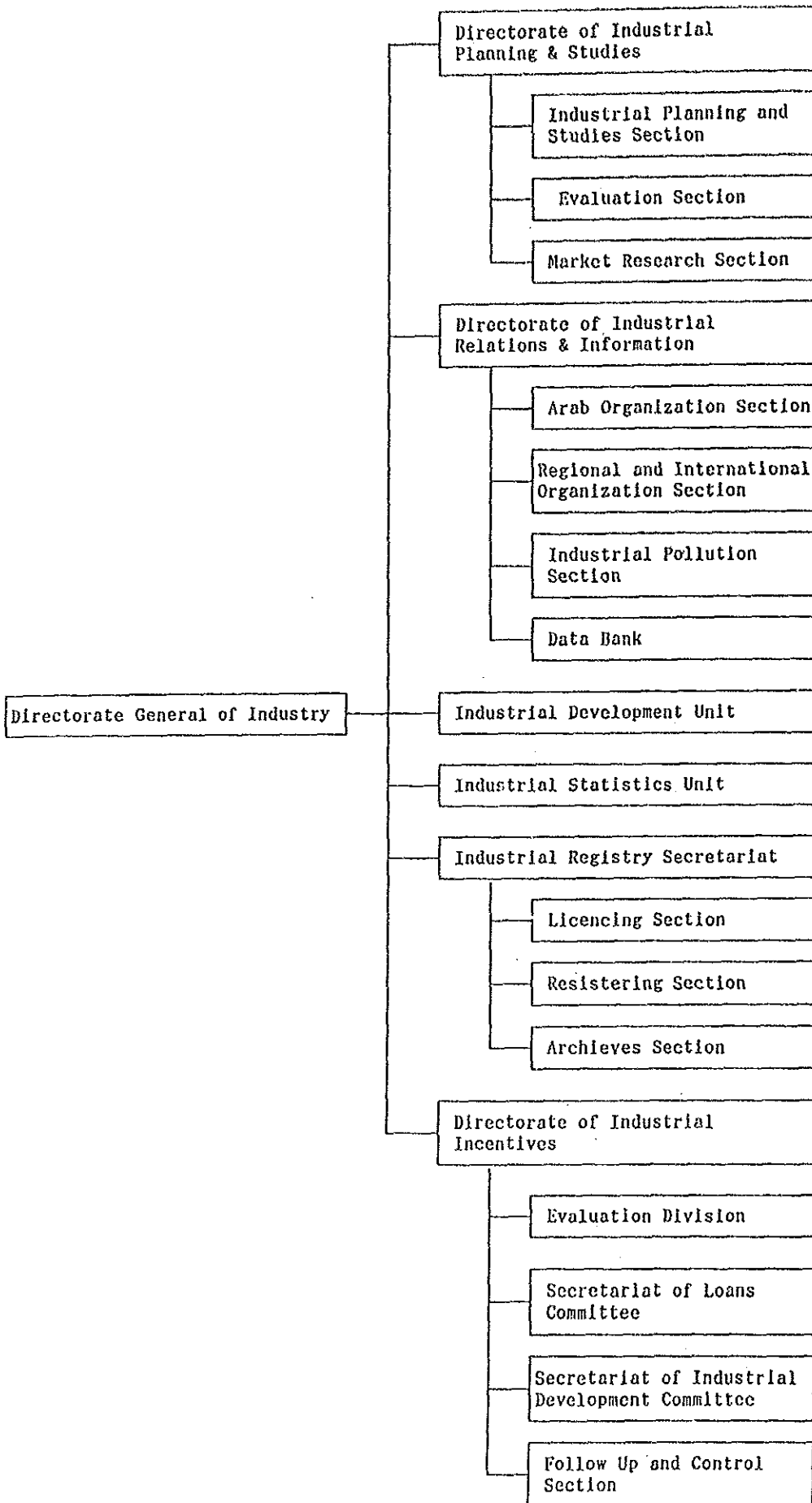
3. Organization of the Ministry of Commerce and Industry and the Directorate General of Industrys

3-1 Organization of the Ministry of Commerce and Industry

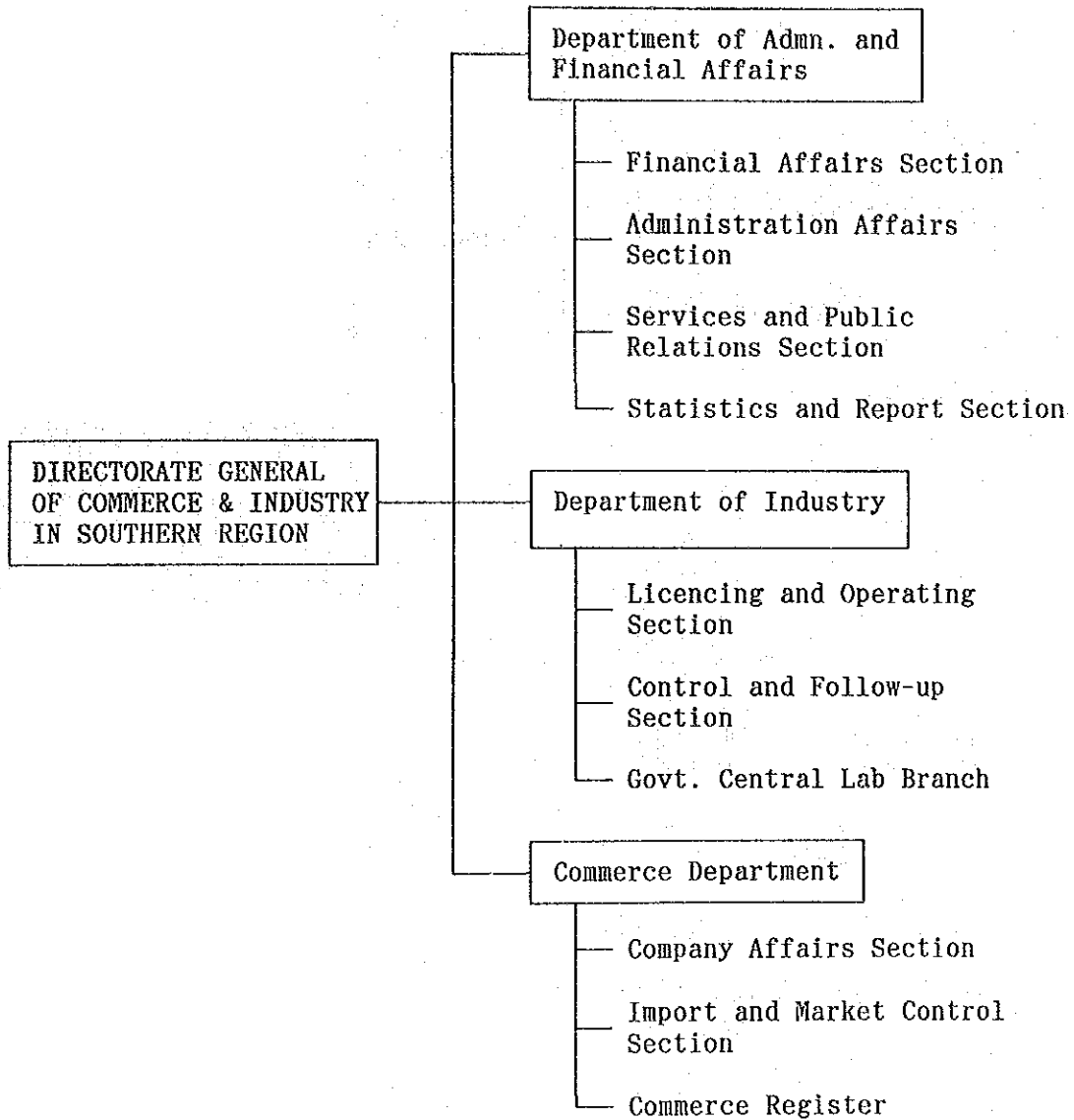
THE MINISTRY OF COMMERCE & INDUSTRY



DIRECTORATE GENERAL OF INDUSTRY

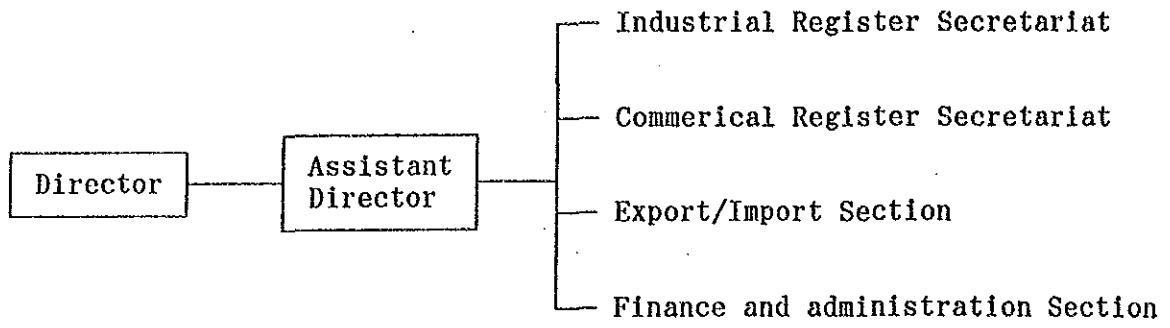


3 - 3 Organization of Directorate General of Commerce and Industry in Southern Region





3 - 4 Organization of Nizwa Regional Office (As of June 1991)







4. Results of the Second Field Study

4-1 Summary List of Sample Interviews

Summary list of sample interviews

LIST OF RECORD KEEPING STATUS

UPPER: FROM INTERVIEW MEMO  
 DOWN: FROM REGISTERED FILES

REMARKS: ABILITY TO SUBMIT DATA  
 ABSENCE: KEY PERSON NOT EXIST  
 RECORDS: Y: YES, N: NO

REC NR	NAME OF ESTABLISHMENTS	CAPITAL (RO)	ISIC	MAIN PRODUCTS ISIC & PRODUCTS NAME	BUSINESS RECORDS	ACCTING RECORDS	REMARKS
1	RIAM NEON SIGNS	158,000	3909	PLASTIC Moulds	Y	Y	GOOD STATUS
	RIAM NEON SIGNS	45,000		NEON SIGN BOARDS			
2	AHMAD SULEMAN AL-SALMI EST.	70,000		T-SHIRTS	Y	N	POSSIBLE
	AHMED SULAIMAN AL-SALMI TRAD & CONT EST	95,000	3221	READYMADE GARMENTS			
3	ABOU-NABIL	100,000		WOODEN FURNITURE	Y	N	POSSIBLE
	MUSCAT ALUMINIUM INTERNATIONAL						
	ABOU-NABIL SAYS TO HAVE BOUGHT LAND. BUILDING FROM MUSCAT ALUMINIUM						
4	ALI SHAIHANI FOOD INDUSTRIES	466,000	3121	CORN CURLS	Y	Y	GOOD STATUS
	ALI SHAIHANI FOOD INDUSTRIES						
5	OMANIAN CARPENTRY & STEEL CO	52,000		WOODEN FURNITURE, WINDOW	Y	Y	GOOD STATUS
	OMANIAN CARPENTRY & STEEL CO	17,000	3311	WOOD PRODUCTS			
6	ALSFOOR FURNISHING LLC	UNKNOWN		WOODEN FURNITURE	UNKNOWN	UNKNOWN	ABSENCE
	AL-RSFOOR FURNISHING LLC	317,800	3311	FURNITURE & PORTA CAB			
7	MOHD. MURAD SHER MOHD. AL-RAISI	4,000		ENGRAVING BRASS, ALUMINIUM	Y	N	POSSIBLE
	MOHD MURAD SHEIR MOHD AL-RAISSI	9,910	3901	ENGRAVING WORKS			
8	AL AZAIBA WOODWORKS	150,000		DOOR, DOOR FRAME	Y	N	POSSIBLE
	AL-AZAIBA WOODWORKS	251,900	3311	WOOD PRODUCTS			
9	OMAN FASHION FACTORY	150,000		GARMENT	Y	Y	GOOD STATUS
	OMAN FASHION FACTORY	406,100	3221	READYMADE GARMENTS			
10	CARPENTRY FACTORY	5,000		DOOR, KITCHEN UNIT	N	N	ABSENCE
	ALI & ALI TRADING ENTERPRISES	4,700	3320	OTHER WOOD PRODUCTS			
11	ISHAQ BIN CHULAM WORK SHOP	UNKNOWN		STEEL DOOR	UNKNOWN	UNKNOWN	ABSENCE
	*COULD NOT FIND REG FILE						
12	AL-ARQAM TRADING & CONT EST	8,000		STEEL WATER TANK, PIPELINE	Y	Y	GOOD STATUS
	*COULD NOT FIND REG FILE						
13	ABDUL QADIR A. ISMAEL CARPENTRY	UNKNOWN		FURNITURE, DOOR	Y	N	ABSENCE
	ABDULQADIR ABDULLAHMAN ISMAIL	5,900	3311	WOOD DOOR WINDOW ETC			
14	ENGINE ENGINEERING WORKSHOP LLC	500,000		GUN MOUNTINGS	Y	Y	GOOD STATUS
	ENGINE ENGINEERING WORKSHOP LLC	385,766	3810	METAL PRODUCTS			
15	ARABIC OVEN			BREAD	UNKNOWN	UNKNOWN	ABSENCE
	AL-ARABI OVEN	14,600	2117	BREAD & SWEETS			

Summary list of sample interviews

LIST OF RECORD KEEPING STATUS

UPPER: FROM INTERVIEW MEMO  
 DOWN: FROM REGISTERED FILES

REMARKS: ABILITY TO SUBMIT DATA  
 ABSENCE: KEY PERSON NOT EXIST  
 RECORDS: Y: YES, N: NO

REC NBR	NAME OF ESTABLISHMENTS	CAPITAL (RO)	ISIC	ISIC & PRODUCTS NAME	MAIN PRODUCTS	BUSINESS RECORDS	ACCTING RECORDS	REMARKS
16	ARABIC OVEN AL-ARABI OVEN	5,000 14,500	3117	BREAD, BISCUIT BREAD & SWEETS		Y	N	POSSIBLE
17	ARABIAN CONTRACTING CO. ARABIAN CONTRACTING CO.	50,000 7,200	3819	SHUTTER FOR WORKSHOP ROLLING SHUTTERS		Y	N	POSSIBLE
18	YACOOB ISMAIL & ABDUL WAHAB ISHAQ YACOOB ISMAIL & ABDUL WAHAB ISHAQ TRAD.	98,385 9,820	3699	TILE, CONCRETE BLOCK CONCRETE BLOCKS		Y	Y	GOOD STATUS
19	MODERN COLD INDUSTRIALIZATION CO. LLC MODERN COLD INDUSTRIALIZATION CO. LLC	150,000 150,000	3829	REFRIGERATORS		Y	Y	GOOD STATUS
20	NATIONAL CEMENT PRODUCTS & TRADE CO LLC NATIONAL CEMENT PRODUCTS CO	500,000 428,614	3699	TILE, BLOCK FILES & BLOCKS		Y	Y	GOOD STATUS
21	ALI BIN HAMDOON AL-JABIL TRADING *COULD NOT FIND REG FILE	UNKNOWN		STEEL WINDOW, GATE, WATER TANK		UNKNOWN	UNKNOWN	ABSENCE
22	ABDULLA AL-MUSABI TRADING & CONSTRUCTION ABDULLAH AL-MUSALHI TRAD & CONT EST	2,000 2,100	3819	DOOR, FENCE, WINDOW METAL PRODUCTS		UNKNOWN	UNKNOWN	ABSENCE
23	ADAH BIN SFOUR, BIN ANBAR TRADING ADEEM SARBOUH ANBAR	12,000 5,000	3320	WOODEN DOOR WOOD PRODUCTS		N	N	ABSENCE
24	EBRAHIM YOUSUF MAJID AL-SAIPI TRAD. ISRAHIM YAKUB MAJID AL-SAIPI TRAD	10,000 4,800	3311	FURNITURE, DOOR WOOD PRODUCTS		N	N	IMPOSSIBLE WILL PREPARE
25	ABDUL AZIZ AL-KINDI TRADING ABD AL-AZIZ AL-KINDY TRAD.	3,000 6,700	3813	SMALL FURNITURE, REPAIR STEEL DOOR WINDOW ET		Y	N	NOT SEPARATE
26	AL-SHAFTAIN TRADING & CONT. EST. AL-SHAFTAIN TRAD & CONT EST AL-SHAFTAIN TRD. & CONT EST AL-SHAFTAIN TRADING & CONT EST	5,000 12,000 16,750 163,500	3311	STEEL DOOR, WATER TANK WOOD PRODUCTS NR AGGREGATES & SAND		N	N	NOT SEPARATE
27	MODERN OMAN BAKERY MODERN OMAN BAKERY (NIZMA)	UNKNOWN 19,700	3117	NAM (BREAD) BRAED, CAKE & SWEETS		UNKNOWN	UNKNOWN	ABSENCE
28	MUHSIN ZAHFAN SAEED AL-KIMYANI TRADING MUHSIN ZAHFAN SAID AL-KIMYANI TRAD.	UNKNOWN 11,900	3813	STEEL WINDOW, DOOR ALUMINIUM PRODUCTS		UNKNOWN	UNKNOWN	ABSENCE
29	SOHAB FIFE GLASS PRODUCT FIBERGLASS PRODUCTS *PCBOX NBR, TEL NBR ARE SAME	30,000 19,200	3620	FIBRE GLASS WATER TANK FIBERGLASS PRODUCTS		Y	N	POSSIBLE
30	ABDULLA ALI AL-MAMARI ACAR AL-BATARI'S CARPENTRY	11,000 3,000		DOOR, PARTITION WOOD PRODUCTS		Y	N	POSSIBLE

Summary list of sample interviews

LIST OF RECORD KEEPING STATUS

REMARKS: ABILITY TO SUBMIT DATA  
 ABSENCE: KEY PERSON NOT EXIST  
 RECORDS: Y: YES, N: NO

UNKNOWN: THEY COULD NOT ANSWER  
 NR: NOT RECORDED IN REG. FILE

UPPER: FROM INTERVIEW MEMO  
 DOWN: FROM REGISTERED FILES

REC NBR	NAME OF ESTABLISHMENTS	CAPITAL (RO)	ISIC	ISIC & PRODUCTS NAME	BUSINESS RECORDS	ACCOUNTING RECORDS	REMARKS
31	AL-SHAFFEY TRADING & CONT. EST. ALI KHALIFA MOBARAH AL-SHAFIE *ONLY POBOX IS SAME	15,000 19,150	3699	BLOCK, ALUMINIUM 3699 TILES	Y	Y	GOOD STATUS
32	SOHAR BEACH BAKERY LLC *DUE TO NAME CHANGE, REG. NBR IS UNDER PROCESSING	25,000		BREAD, SWEETS	Y	N	IMPOSSIBLE WILL PREPARE
33	AL-NHAROUSAH FOOD STUFF PACKING *COULD NOT FIND REG FILE	UNKNOWN		PACKING OF SUGAR, SALT, PEP	Y	Y	GOOD STATUS
34	REHMAT ENTERPRISES NR	UNKNOWN 15,100	3599	NR	UNKNOWN	UNKNOWN	ABSENCE
35	ADAM TRAD & CONT. EST. ADAM TRAD & CONT. EST.	UNKNOWN 12,350	3599	CONCRETE BLOCK CONCRETE BLOCK	N	UNKNOWN	ABSENCE
36	MUAWIYA KARRAR AL-MAN GENERAL TRADING & CONT. CO.	110,000 91,400	3699	TILES MOZAIC TILES	Y	Y	GOOD STATUS
37	OMAN HARDWARE CO., LTD. OMAN HARDWARE CO.	SECRET 10,943	3811	BOLT METAL PRODUCTS	UNKNOWN	UNKNOWN	REFUSED TO ANSWER
38	ABUNABEH ESTABLISHMENT COULD NOT FIND	UNKNOWN		FURNITURE	UNKNOWN	UNKNOWN	ABSENCE
39	FRID COLOUR PRINTING PRESS FRID COLOUR PRINTING PRES	42,000 25,000	3420	PRINTING FOR STATIONERIES PRINTING	Y	N	POSSIBLE
40	AHMIF BIN HAMED BIN MAJID AL-HAJRY TRAD AMOR HAMED MAJID AL-HIJRI	5,000 13,420	3819	STEEL DOOR, GATES METAL PRODUCTS	N	N	IMPOSSIBLE
41	AL-ZAHRA PRINTING PRESS AL-ZAHRAA PRINTING PRESS	50,000 50,000	3420	PRINTING, FORMS PRINTING	Y	Y	GOOD STATUS
42	MUSTAFA & JAHAD TRAD *COULD NOT FIND REG FILE	UNKNOWN		SPARE-PARTS: SHAFT, GEAR	Y	N	ABSENCE
43	THE STAR TRADING THE STAR TRADING	4,000 5,400	3819	STEEL WATER TANK, GATES METAL PRODUCTS	Y	N	POSSIBLE
44	NATIONAL ALUMINIUM PRODUCTS CO. SAOG NATIONAL ALUMINIUM PRODUCTS CO.	3,350,000 6,500,000	3720	ALUMINIUM WINDOW FRAME ALUMINIUM EXTRUSIONS	Y	Y	GOOD STATUS
45	GALFAR ENGINEERING & CONTRACTING LLC JALFAR LIL HANDESA CONT. CO.	19,000	3311	DOOR, WINDOW WOOD PRODUCTS	Y	Y	GOOD STATUS
46	MUBARAK SAIED AL-AZRY SONS MUBARAK SAIED AL AZRY & SONS CO.	9,000	3812	NR STEELWORK	UNKNOWN	UNKNOWN	ABSENCE

Summary list of sample interviews

LIST OF RECORD KEEPING STATUS

REC NR	NAME OF ESTABLISHMENTS	CAPITAL (RO)	ISIC	MAIN PRODUCTS ISIC & PRODUCTS NAME	BUSINESS ACTING RECORDS	REMARKS
47	AL-AKIOAH PRINTING PRESS LLC AL-AKIOAH PRINTING PRESS	500,000 500,000	3420	PRINTING(FORMS) PRINTING	Y	GOOD STATUS
48	AL-BUSTAN PRINTING PRESS AL-BUSTAN PRINTING PRESS	50,000 92,700	3420	PRINTING FORMS PRINTING	Y	GOOD STATUS
49	IRRAHIM DRUSHANSE GHULAM AL-BALUSHI *COULD NOT FIND REG FILE	UNKNOWN		STEEL WORK	UNKNOWN	UNKNOWN ABSENCE
50	AL-ZADJALI TRAD & COM EST AL-ZADJALI TRAD & COM EST AL-ZADJALI TRAD & COM EST *NOT IDENTIFIED DUE TO SAME CR NR	UNKNOWN 9,500 5,900	3819 3819	STEELWORK METAL PRODUCTS METAL PRODUCTS	UNKNOWN	UNKNOWN ABSENCE
51	ABDULLATIF ABDULLAH GHULAM AL-BALUSHI T *COULD NOT FIND REG FILE	4,000		STEEL DOOR	UNKNOWN	UNKNOWN ABSENCE
52	ONAH EXPRESS SUPPLIES COMPANY *COULD NOT FIND REG FILE	2,000		STEEL GRILLS, WATER TANKS	Y	N POSSIBLE
53	TALIB SONS TRAD, CONT. CO. SONS OF TALES TRAD & CONT. CO.	3,500 9,700	3311	CHAIRS, BEDS WOOD PRODUCTS	UNKNOWN	UNKNOWN ABSENCE
54	IRRAHIM SHARBEJAN MOHD. TRAD. AL-SAYAM ESTABLISHMENT. IRRAHIM SHAMDEH JAN MOHD TRAD. *NOT IDENTIFIED DUE TO DIFFERENT PAIRS MATCHED IN IND. REG. NR & CR NR	UNKNOWN 19,500 19,400	3512 3813	DOOR, WINDOW (ALUMI) INSECTICIDE BIO-KILL ALUMINIUM PRODUCTS	UNKNOWN	UNKNOWN ABSENCE
55	ESSA BIN MURAD BIN MASSIB AL-BALUSHI *COULD NOT FIND REG FILE	UNKNOWN		DOOR, WINDOW, WINDOW, FURNITURE	UNKNOWN	UNKNOWN ABSENCE
56	HAFSA TRADING HAFSA TRAD EST.	UNKNOWN 25,000	3311	CARPENTRY WOOD PRODUCTS	UNKNOWN	UNKNOWN ABSENCE
57	AL JAFAIR FOOD INDUSTRY ALI SHAHANI FOOD INDUSTRIES	47,910	3121	COFFEE PACKING	Y	REPLY LATER NOT YET REPLIED
58	AL-RIVAMI TRADING & CONT EST COULD NOT FIND	UNKNOWN		BLOCK ONLY	UNKNOWN	UNKNOWN ABSENCE
59	SULTAN SAID TRADING & CONTRACTING EST COULD NOT FIND	UNKNOWN		BLOCKS	UNKNOWN	UNKNOWN ABSENCE
59	CONSTRUCTION MATERIALS INDUSTRIES SAOG COULD NOT FIND	UNKNOWN		SAND LINE BRICKS	UNKNOWN	UNKNOWN ABSENCE

REMARKS: ABILITY TO SUBMIT DATA  
ABSENCE: KEY PERSON NOT EXIST  
RECORDS: Y: YES, N: NO

UNKNOWN: THEY COULD NOT ANSWER  
NR: NOT RECORDED IN REG. FILE

Summary list of sample interviews

LIST OF RECORD KEEPING STATUS

UPPER: FROM INTERVIEW MEMO  
 DOWN: FROM REGISTERED FILES

REMARKS: ABILITY TO SUBMIT DATA  
 ABSENCE: KEY PERSON NOT EXIST  
 RECORDS: Y: YES, N: NO

UNKNOWN: THEY COULD NOT ANSWER  
 NR: NOT RECORDED IN REG. FILE

REC NBR	NAME OF ESTABLISHMENTS	CAPITAL (RO)	ISIC	ISIC & PRODUCTS NAME	MAIN PRODUCTS	BUSINESS RECORDS	ACCTING RECORDS	REMARKS
61	AL-FARSI TRADING & CONTRACTING EST *COULD NOT FIND	10.000		CEMENT BLOCKS		Y	Y	ABSENCE
62	AL-NAHDAR TRADING EST AL NAHDARI TRADING EST.	87.900 23.000	3699	CARPENTRY, BLOCK CONCRETE BLOCK		Y	Y	GOOD STATUS
63	CARAVAN TRADING & FURNITURE MANUFACTURIN CARAVAN TRADING & GENERAL SERVICES.	18.000 8.000	3311	FURNITURE, SOFA, BED WOOD FURNITURE		Y	Y	GOOD STATUS
64	ABDULLA OSMAN AL RAEESI ABDULLAH OSMAN AL RAEESI	22.000 19.200	3121	PACKING SPICES GRINDING SPICES		Y	Y	GOOD STATUS
65	AL-MALKI TRADING & CONT. EST SALIM AHMID AWADH AL-NAJAR TRAD & CONT E *PRESENT OWNER SAYS TO HAVE BOUGHT FROM OLD OWNER & CHANGED	9.600 17.700	3311	FURNITURE, BIG DOOR, WINDOW WOOD PRODUCTS		Y	Y	GOOD STATUS
66	AL-SHARFI & PARTNERS CO. SHARIFI & PARTNERS CO. LLC AL-SHARFARI & PARTNERS. *NOT IDENTIFIED DUE TO SIMILAR NAME	UNKNOWN 262.000 14.000	3699	AGGREGATE & SAND WOOD PRODUCTS		UNKNOWN	UNKNOWN	ABSENCE
67	M.S.A. PAMAS TRADING & CONT. EST. MUSALAM SALIM AMOR PAMAS & SONS CO.	UNKNOWN 9.000	3819	ALUMINIUM WINDOW FRAME METAL PRODUCTS		UNKNOWN	UNKNOWN	ABSENCE
68	AL-JEEL ASSAED JEWELLERY AL-JEEL ASSAED JEWELLERS CO.	290.000 295.000	3901	JEWELS, NECKLESS. GOLD JEWELLERY		Y	N	POSSIBLE
69	FAIZ BIN GHARIB BIN HASEERAN TRADING EST FAYEZ GHARIB HJYRAN TRAD. EST.	10.000 16.783	3819	ALUMINIUM WINDOW FRAME ALUMINIUM PRODUCTS		UNKNOWN	UNKNOWN	ABSENCE
70	AL ARQUBA ESTABLISHMENT *COULD NOT FIND REG. FILE	UNKNOWN				UNKNOWN	UNKNOWN	ABSENCE
71	OMANIAN ENTERPRISES CO. LLC AL-ITTIFAK TRAD & CONT EST. KHADU TRAD EST. *NOT IDENTIFIED	40.500 53.000 3.300	3420	FIBERGLASS WATERTANK, BATH PRINTING CONCRETE BLOCKSS		N	N	IMPOSSIBLE WILL PREPARE
72	ALINMA FACTORY FOR PLASTIC PIPES ALINMA TRADING & CONTRACTING CO.	131.000 82.000	3560	PLASTIC PIPE PLASTIC PIPES		Y	Y	GOOD STATUS
73	AL RUSHD PLASTIC PRODUCTS AL-RUSHED TRAD & CONT CO.	452.825 400.800	3560	POLYESTER PACKING PAPER PLASTIC BAGS		Y	N	POSSIBLE



Summary list of sample interviews

LIST OF RECORD KEEPING STATUS

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 LOWER: FROM REGISTERED FILES

UNKNOWN: THEY COULD NOT ANSWER  
 NR: NOT RECORDED IN REG. FILE

REMARKS: ABILITY TO SUBMIT DATA  
 ABSENCE: KEY PERSON NOT EXIST  
 RECORDS: Y: YES, N: NO

REC NBR	NAME OF ESTABLISHMENTS	CAPITAL (FC)	ISIC	MAIN PRODUCTS	ISIC & PRODUCTS NAME	BUSINESS RECORDS	ACCTING RECORDS	REMARKS
74	ALI SHAHANI JUICE FILLING INDUSTRIES	623,100	3134	CARBONATED DRINKS	CARBONATED DRINKS	Y	Y	REPLY LATER
75	AMCO TILES COMPANY LLC	180,000		MOSAIC TILES	MOSAIC TILES	Y	Y	GOOD STATUS
76	AL-BHASSANI AUTOMATIC BAKERY	50,000		BREAD, SWEETS	BREAD, SWEETS	Y	N	ABSENCE
77	DHOOFAR ENTERPRISES TRADING & CONT. EST.	300,000	3112	FRESH MILK, YOGURT	FRESH MILK PRODUCTS	Y	Y	GOOD STATUS
78	AL HOTI ESTABLISHMENT CEMENT BLOCK FACTO	35,200	3599	CONCRETE BLOCKS	CONCRETE BLOCKS	UNKNOWN	UNKNOWN	ABSENCE
79	OMAR BIN AWADH BIN HAFII AL-RAWAS & SONS CO.	19,780	3519	ALUMINIUM WINDOW FRAME	ALUMINIUM PRODUCTS	UNKNOWN	UNKNOWN	ABSENCE
80	OMAR INDUSTRIAL & CONT. WORKSHOP	30,000		STEEL DOOR, WATERTANK	STEEL DOOR, WATERTANK	Y	N	IMPOSSIBLE
	OMAR INDUSTRY & CONT. WORKSHOP	12,500	3319	METAL PRODUCTS	METAL PRODUCTS			

Comparison list with registration files

COMPARISON OF DATA BETWEEN INTERVIEW MEMO & REGISTERED FILES  
 UPPER: FROM INTERVIEW MEMO  
 DOWN: FROM REGISTERED FILES  
 UNKNOWN: THEY COULD NOT ANSWER  
 NR: NOT RECORDED IN REG. FILE

REC NBR	NAME OF ESTABLISHMENTS	LOCATION NAME	CAPITAL (RO)	NR OF EMPLOYEES	ISIC	ISIC & PRODUCTS NAME	MAIN PRODUCTS	REG. NBR	REG. DATE
1	RIAM NEON SIGNS	AL-ATHAIB	158,000	NR	3909	NEON SIGN BOARDS	PLASTIC MOULDS	1787	UNKNOWN
2	AHMAD SULSMAN AL-SALMI EST. AHMED SULAIMAN AL-SALMI TRAD & CONT EST	BHALA	70,000 95,000	50 45	3221	T-SHIRTS READYMADE GARMENTS	T-SHIRTS READYMADE GARMENTS	UNKNOWN 3173	UNKNOWN Aug-90
3	ABOU-NABIL MUSCAT ALUMINIUM INTERNATIONAL ABOU-NABIL SAYS TO HAVE BOUGHT LAND, BUILDING FROM MUSCAT ALUMINIUM	MADINAT GABCOB	100,000	40		WOODEN FURNITURE	WOODEN FURNITURE	NOT REG.	
4	ALI SHAIKHANI FOOD INDUSTRIES ALI SHAIKHANI FOOD INDUSTRIES	WADI AL-KABIR	466,000	NR	3121	CORN CURLS	CORN CURLS	UNKNOWN 1063	UNKNOWN Dec-80
5	OMARIAN CARPENTRY & STEEL CO OMARIAN CARPENTRY & STEEL CO	WADI AL-KABIR	52,000 17,000	60 52	3311	WOODEN FURNITURE, WINDOW WOOD PRODUCTS	WOODEN FURNITURE, WINDOW WOOD PRODUCTS	614 614	UNKNOWN May-77
6	ALSFOOR FURNISHING LLC AL-ASFOOR FURNISHING LLC	WADI AL-KABIR	UNKNOWN 317,900	40 44	3311	WOODEN FURNITURE FURNITURE & PORTA CAB	WOODEN FURNITURE FURNITURE & PORTA CAB	UNKNOWN 3057	UNKNOWN Sep-88
7	MOHAD MURAD SHER MOHAD, AL-RAISI MOHAD MURAD SHER MOHAD AL-RAISSI	RUMI	4,000 9,910	3 2	3501	ENGRAVING BRASS, ALUMINIUM ENGRAVING WORKS	ENGRAVING BRASS, ALUMINIUM ENGRAVING WORKS	3143 3143	UNKNOWN Dec-89
8	AL AZAIBA WOODWORKS AL-AZAIABA WOODWORKS	GHALA	150,000 251,900	30 NR	3311	DOOR, DOOR FRAME WOOD PRODUCTS	DOOR, DOOR FRAME WOOD PRODUCTS	UNKNOWN FAS053	UNKNOWN AUG-83
9	OMAN FASHION FACTORY OMAN FASHION FACTORY	WADI ADAI	150,000 406,100	130 247	3321	GARMENT READYMADE GARMENTS	GARMENT READYMADE GARMENTS	3052 3052	UNKNOWN Sep-88
10	CARPENTRY FACTORY ALI & ALI TRADING ENTERPRISES	MUSCAT	5,000 4,700	4 NR	3320	DOOR, KITCHEN UNIT OTHER WOOD PRODUCTS	DOOR, KITCHEN UNIT OTHER WOOD PRODUCTS	625 625	UNKNOWN Jun-77
11	ISHAQ BIN CHULAM WORK SHOP *COULD NOT FIND REG FILE		UNKNOWN	1		STEEL DOOR	STEEL DOOR	UNKNOWN	UNKNOWN
12	AL-ARQAM TRADING & CONT EST *COULD NOT FIND REG FILE		8,000	5		STEEL WATER TANK, PIPELINE	STEEL WATER TANK, PIPELINE	UNKNOWN	UNKNOWN
13	ABDUL QADIR A. ISMAEL CARPENTRY ABDULQADIR ABDULFAHMAN ISMAIL	RUMI	UNKNOWN 3,900	NR	3311	FURNITURE, DOOR WOOD DOOR WINDOW ETC	FURNITURE, DOOR WOOD DOOR WINDOW ETC	UNKNOWN 1874	UNKNOWN Jul-83
14	ENGINE ENGINEERING WORKSHOP LLC ENGINE ENGINEERING WORKSHOP LLC	WADI ADAI	500,000 286,766	70 72	3819	GUN MOUNTINGS METAL PRODUCTS	GUN MOUNTINGS METAL PRODUCTS	3178 3178	UNKNOWN Sep-90
15	ARABIC OVEN * AL-ARABI OVEN	WADI AL-KABIR	14,600	6 7	3117	BREAD & SWEETS	BREAD & SWEETS	UNKNOWN 3181	UNKNOWN Oct-90

\* belongs to retail trade since this establishment bakes

bread and retail them

Comparison list with registration files

COMPARISON OF DATA BETWEEN INTERVIEW MEMO & REGISTERED FILES  
 UPPER: FROM INTERVIEW MEMO  
 LOWER: FROM REGISTERED FILES  
 UNKNOWN: THEY COULD NOT ANSWER  
 NR: NOT RECORDED IN RES. FILE

REC NR:	NAME OF ESTABLISHMENTS	LOCATION NAME	CAPITAL (RD)	NR. OF EMPLOYEES	ISIC	MAIN PRODUCTS	REG. NR:	REG. DATE
16	ARABIC OVEN AL-ARABI OVEN	WADI AL- KABIR	5,000 14,500	5 7	3117	BREAD, BISCUIT BREAD & SWEETS	3181 3181	UNKNOWN Oct-90
17	ARABIAN CONTRACTING CO. ARABIAN CONTRACTING CO.	WADI AL- KABIR	50,000 7,200	5 5	3819	SHUTTER FOR WORKSHOP ROLLING SHUTTERS	3072 3072	DEC-86 Nov-86
18	YACOOB ISMAIL & ABUL WAHAB ISHAQ YACOOB ISMAIL & ABUL WAHAB ISHAQ TRAD.	WADI ADAI	98,395 9,620	22 18	3699	TILE, CONCRETE BLOCK CONCRETE BLOCKS	2971 2971	1983 May-87
19	MODERN COLD INDUSTRIALIZATION CO. LLC MODERN COLD INDUSTRIALIZATION CO. LLC	WADI ADAI	150,000 150,000	19 NR	3829	FREEZER REFRIGERATORS	1744 1744	MAR-83 Mar-83
20	NATIONAL CEMENT PRODUCTS & TRADE CO LLC NATIONAL CEMENT PRODUCTS CO	WADI ADAI	500,000 428,314	25 38	3699	TILE, BLOCK TILES & BLOCKS	509 509	SEP-75 Sep-75
21	ALI BIN HAMDOON AL-JABIL TRADING *COULD NOT FIND REG FILE	UNKNOWN	UNKNOWN	3		STEEL WINDOW, GATE, WATERTANK	UNKNOWN	UNKNOWN
22	ABDULLA AL-MUSAHI TRADING & CONSTRUCTION EST ABDULLAH AL-MUSALHI TRAD & CONT EST	EST NIZWA	2,000 2,100	3 2	3819	DOOR, FENCE, WINDOW METAL PRODUCTS	225 100225	AUG-89 Aug-89
23	ADAIM BIN SROUKH BIN ANBAR TRADING ADEEM SROUKH ANBAR	NIZWA	12,000 5,000	5 NR	3320	WOODEN DOOR WOOD PRODUCTS	UNKNOWN 1071	UNKNOWN Feb-81
24	ESRAHIM YOURUB MAJID AL-SAIFI TRAD. ESRAHIM YARAB MAJID AL-SAIFI TRAD	NIZWA	10,000 4,800	7 2	3311	FURNITURE, DOOR WOOD PRODUCTS	NOT REG. LIC10019	Oct-88
25	ABDUL AZIZ AL-KINDI TRADING ABD AL-AZIZ AL-KINDY TRAD.	NIZWA	3,000 6,700	2 NR	3813	SMALL FURNITURE, REPAIR STEEL DOOR, WINDOW ET	UNDER PROCESS LIC2827	Jan-85
26	AL-GHAFTAIN TRADING & CONT. EST. AL-GHAFTAIN TRAD & CONT EST AL-GHAFTAIN TRD. & CONT EST AL-GHAFTAIN TRADING & CONT EST *NOT IDENTIFIED FROM RES FILE DUE TO DIFFERENT REG. NR	NIZWA NIZWA NIZWA NIZWA	5,000 12,000 16,750 163,500	3 NR NR 10	3311 3699 3699	STEEL DOOR, WATERTANK WOOD PRODUCTS NR AGGREGATES & SAND	1760 1758 1759 3004	UNKNOWN Mar-83 Mar-83 Nov-87
27	MODERN OMAN BAKERY MODERN OMAN BAKERY (NIZWA)	NIZWA	UNKNOWN 19,700	6 4	3117	NAF (BREAD) BRAED, CAKE & SWEETS	UNKNOWN 100233	UNKNOWN Jan-90
28	MUSIN ZAHIRAN SAIED AL KIMIYANI TRADING MUSIN ZAHIRAN SAID AL-KIMIYANI TRAD.	NIZWA	UNKNOWN 11,700	7 NR	3813	STEEL WINDOW, DOOR ALUMINIUM PRODUCTS	UNKNOWN 2645	UNKNOWN Mar-85
29	SOHAR FIBRE GLASS PRODUCT FIBERGLASS PRODUCTS *POBOX NR. TEL NR ARE SAME	SOHAR	80,000 49,200	38 6	3820	FIBRE GLASS WATER TANK FIBERGLASS PRODUCTS	3049 3114	1987 Aug-88
30	ABDULLA ALI ALMAMARI ADAM AL-WATANIYA CARPENTRY	UNKNOWN	11,000 3,000	7 1	3311	DOOR, PARTITION WOOD PRODUCTS	216 100205	1988 Apr-89

Comparison list with registration files

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DOWN: FROM REGISTERED FILES

COMPARISON OF DATA BETWEEN INTERVIEW MEMO & REGISTERED FILES

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NR: NOT RECORDED IN REG. FILE

REC NR	NAME OF ESTABLISHMENTS	LOCATION NAME	CAPITAL (RO)	NR OF EMPLOYEES	ISIC	MAIN PRODUCTS ISIC & PRODUCTS NAME	REG. NR	REG. DATE
31	AL-SHAFFEY TRADING & CONT. EST. ALI KHALIFA MOSABAH AL-SHAFFIE *ONLY POBOX IS SAME	SOHAR	15,000 19,150	24 18	3699	BLOCK, ALUMINIUM TILES	UNKNOWN 2989	UNKNOWN Sep-87
32	SOHAR BEACH BAKERY LLC *DUE TO NAME CHANGE, REG. NR IS UNDER PROCESSING		25,000	12		BREAD, SWEETS		UNDER PROCESS
33	AL-KHAROURAH FOOD STUFF PACKING *COULD NOT FIND REG FILE		UNKNOWN	2		PACKING OF SUGAR, SALT, PE	UNKNOWN	UNKNOWN
34	REHMAT ENTERPRISES	NR	15,100	10	3699	NR	2827	Mar-86
35	ADAM TRAD & CONT. EST. ADAM TRAD & CONT EST.	GHALA	UNKNOWN 12,350	2 6		CONCRETE BLOCK CONCRETE BLOCK	UNKNOWN 2733	UNKNOWN Sep-85
36	MURAIYA KARRAR AL-ANNAN GENERAL TRADING & CONT. CO.	GHALA	110,000 91,400	10 15	3699	TILES MOZAIC TILES	2933 2933	DEC-86 DEC-86
37	OMAH HARDWARE CO., LTD. OMAH HARDWARE CO.	AL-ATHRAIB	SECRET 10,943	NR	3811	BOLT METAL PRODUCTS	UNKNOWN 2839	UNKNOWN Apr-86
38	AGUNAGER ESTABLISHMENT *COULD NOT FIND		UNKNOWN	9		FURNITURE	UNKNOWN	UNKNOWN
39	FAIO COLOUR PRINTING PRESS FAIO COLOUR PRINTING PRES	MUTRAH	42,000 25,000	17 9		PRINTING FOR STATIONERIES PRINTING	UNKNOWN 1963	UNKNOWN Oct-83
40	A AMIR BIN HAMED BIN MAJID AL-HAJRY TRADWADI AL- KABIR AMOR HAMED MAJID AL-HIJRI	KABIR	5,000 13,420	3 3		STEEL DOOR, GATES METAL PRODUCTS	UNKNOWN 3145	UNKNOWN Feb-90
41	AL-ZAHRA PRINTING PRESS AL-ZAHRAA PRINTING PRESS	RUWI	50,000 50,000	21 20		PRINTING, FORMS PRINTING	2097 2097	MAR-84 Mar-84
42	MUSTAFA & JAWAD TRAD *COULD NOT FIND REG FILE		UNKNOWN	5		SPARE-PARTS: SHAFT, GEAR	UNKNOWN	UNKNOWN
43	THE STAR TRADING THE STAR TRADING	WADI AL- KABIR	4,000 5,400	2 4		STEEL WATER TANK, GATES METAL PRODUCTS	974 2974	JUN-87 Jun-87
44	NATIONAL ALUMINIUM PRODUCTS CO. SAOG NATIONAL ALUMINIUM PRODUCTS CO.	RUSAIL IND. AREA	3,350,000 6,500,000	170 91		ALUMINIUM WINDOW FRAME ALUMINIUM EXTRUSIONS	2976 2976	JUN-87 Jun-87
45	GALFAR ENGINEERING & CONTRACTING LLC JALFAR LIL HARDESA CONT. CO.	NR	19,000	50 23		DOOR, WINDOW WOOD PRODUCTS	UNKNOWN 2912	UNKNOWN Oct-86
46	MUGARAK SAIED AL-AZRY SONG MUGARAK SAID AL AZRI & SONS CO.	NR	9,000	NR		STEELWORK	UNKNOWN 1821	UNKNOWN MAY-83

Comparison list with registration files

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REG NBR	NAME OF ESTABLISHMENTS	LOCATION NAME	CAPITAL (RO)	NBR OF EMPLOYEES	ISIC	MAIN PRODUCTS	REG. NBR	REG. DATE
47	AL-AKIDAH PRINTING PRESS LLC AL-AKIDAH PRINTING PRESS	RUMI	500,000 500,000	35 36	3420	PRINTING (FORMS) PRINTING	1447	APR-82 APR-82
48	AL-BUSTAN PRINTING PRESS AL-BUSTAN PRINTING PRESS	WADI AL-KABIR	50,000 92,700	18 13	3420	PRINTING FORMS PRINTING	2328 2328	AUG-84 AUG-84
49	ISRAHIM DHUSHAMBE GHULAM AL-BALUSHI *COULD NOT FIND REG FILE	UNKNOWN	UNKNOWN	4		STEEL WORK	UNKNOWN	UNKNOWN
50	AL-ZADJALI TRAD & CONT EST AL-ZADJALI TRAD & CONT EST AL-ZADJALI TRAD & CONT EST *NOT IDENTIFIED DUE TO SAME CR NBR	MUSANA WADI AL-K	UNKNOWN 9,560 5,900	3 3 3	3819 3819	STEELWORK METAL PRODUCTS METAL PRODUCTS	UNKNOWN 3111 LIC3665	UNKNOWN JUN-89 AUG-90
51	ABDULLATIF ABDULLAH GHULAM AL-BALUSHI TRAD. *COULD NOT FIND REG FILE		4,000	4		STEEL DOOR	UNKNOWN	UNKNOWN
52	OMAR EXPRESS SUPPLIES COMPANY *COULD NOT FIND REG FILE		2,000	4		STEEL GRILLS, WATER TANKS	UNKNOWN	UNKNOWN
53	TALIS SONS TRAD, CONT, CO. SONS OF TALEB TRAD & CONT, CO.	WADI AL-KABIR	3,500 9,700	3 NR	3311	CHAIRS, BEDS WOOD PRODUCTS	UNKNOWN NR	UNKNOWN UNKNOWN
54	ISRAHIM SHARBEJAN MOHO. TRAD. AL-BAYAN ESTABLISHMENT. ISRAHIM SHARBEH JAN MOHD TRAD. *NOT IDENTIFIED DUE TO DIFFERENT PAIRS MATCHED IN IND. REG. NBR & CR NBR	RUSAIL IN WADI KABI	UNKNOWN 19,500 18,400	3 5 7		DOOR, WINDOW (ALUMI) INSECTICIDE BIO-KILL ALUMINIUM PRODUCTS	3071 3071 2960	1986 NOV-88 APR-87
55	ESSA BIN MURAD BIN NASSIB AL-BALUSHI *COULD NOT FIND REG FILE	UNKNOWN	UNKNOWN	2		DOOR, WINDOW, FURNITURE	UNKNOWN	UNKNOWN
56	HAFAA TRADING HAFAA TRAD EST.	WADI AL-KABIR	UNKNOWN 25,000	5 NR	3311	CARPENTRY WOOD PRODUCTS	UNKNOWN 1539	UNKNOWN JUL-82
57	AL JAFAR FOOD INDUSTRY ALI SHAIHANI FOOD INDUSTRIES	WADI AL-KABIR	47,910	6	3121	COFFEE PACKING	UNKNOWN 3144	UNKNOWN JAN-90
58	AL-AIYARI TRADING & CONT EST COULD NOT FIND	UNKNOWN	UNKNOWN	6		BLOCK ONLY	UNKNOWN	UNKNOWN
59	SULTAN SAID TRADING & CONTRACTING EST COULD NOT FIND	UNKNOWN	UNKNOWN	7		BLOCKS	UNKNOWN	UNKNOWN
60	CONSTRUCTION MATERIALS INDUSTRIES SADS COULD NOT FIND	UNKNOWN	UNKNOWN	38		SAND LIME BRICKS	UNKNOWN	UNKNOWN

Comparison list with registration files

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REC NR	NAME OF ESTABLISHMENTS	LOCATION NAME	CAPITAL (RD)	NBR OF EMPLOYEES	ISIC	MAIN PRODUCTS ISIC & PRODUCTS NAME	REG. NR	REG. DATE
61	AL-FARSI TRADING & CONTRACTING EST COULD NOT FIND		10,000	5		CEMENT BLOCKS	UNKNOWN	UNKNOWN
62	AL-NADJAR TRADING EST AL NADJAR TRADING EST. *THEY SAY MAIN BUSINESS CHANGED TO CARPENTRY	AMERAT WADI HATA	97,900 23,000	14 6		CARPENTRY, BLOCK CONCRETE BLOCK	3131 3131	UNKNOWN Oct-89
63	CARAVAN TRADING & FURNITURE MANUFACTURING CARAVAN TRADING & GENERAL SERVICES.	ATHAIBA	18,000 8,000	18 16		FURNITURE, SOFA, BED WOOD FURNITURE	3546 3171	UNKNOWN Aug-90
64	ABDULLA DEHAN AL-RAEEL ABDULLAH USMAN AL-RAEESI		22,000 19,200	7 12		PACKING SPICES GRINDING SPICES	3080 3080	UNKNOWN Dec-88
65	AL-MALKI TRADING & CONT. EST SALIM AHMID AWADH AL-NAJAR TRAD & CONT. EST *PRESENT OWNER SAYS TO HAVE BOUGHT FROM OLD OWNER & CHANGED NAME	SALALAH	7,500 17,700	6 7		FURNITURE, BIG DOOR, WINDOW PRODUCTS WOOD PRODUCTS	UNKNOWN 10183	UNKNOWN Aug-85
66	AL-SHANFARI & PARTNERS CO. SHANFARI & PARTNERS CO. LLC. AL-SHANFARI & PARTNERS. *NOT IDENTIFIED DUE TO SIMILAR NAME	RAISUT NR	UNKNOWN 262,000 14,000	11 7		AGGREGATE & SAND WOOD PRODUCTS	UNKNOWN 3199 10041	UNKNOWN Jan-81 Jan-82
67	M.S.A. RAWAS TRADING & CONT. EST. MUSALAM SALIM AHOR RAWAS & SONS CO.	SALALAH	UNKNOWN 9,000	5		ALUMINIUM WINDOW FRAME METAL PRODUCTS	UNKNOWN 10133	UNKNOWN Jan-84
68	AL-JEEL ASSAED JEWELLERY AL-JEEL ASSAED JEWELLERS CO.	SALALAH	290,000 255,000	14 NR		JEWELS, NECKLESS. GOLD JEWELLERY	2991 2991	OCT-87 OCT-87
69	FAIZ EIN GHAREB BIN HAGEERAN TRADING EST. FAYEZ GHARIB HUYAN TRAD EST.	SALALAH I	10,000 15,783	5 4		ALUMINIUM WINDOW FRAME ALUMINIUM PRODUCTS	10294 10294	JUL-90 JUL-90
70	AL AROUBA ESTABLISHMENT *COULD NOT FIND REG. FILE	SALALAH	UNKNOWN				UNKNOWN	UNKNOWN
71	OMANIAN ENTERPRISES CO. LLC AL-ITTIFAK TRAD & CONT. EST. KHADU TRAD. EST. *NOT IDENTIFIED	SALALAH	40,500 53,000 3,300	28 6 NR		FIBERGLASS WATERTANK, BATHNOT PRINTING CONCRETE BLOCKSS	REG 10038 10131	Dec-81 Jan-84
72	ALINMA FACTORY FOR PLASTIC PIPES ALINMA TRADING & CONTRACTING CO.	SALALAH	131,000 82,000	8 NR		PLASTIC PIPE PLASTIC PIPES	10220 10220	JUL-86 Jul-86
73	AL RUGHO PLASTIC PRODUCTS AL-RUSHED TRAD & CONT. CO.	SALALAH	452,825 400,800	10 NR		POLYESTER PACKING PAPER PLASTIC BAGS	10240 10240	NOV-86 Nov-86

Comparison list with registration files

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REC NR	NAME OF ESTABLISHMENTS	LOCATION NAME	CAPITAL (R)	NR-OF EMPLOYEES	ISIC	MAIN PRODUCTS	REG. NR	REG. DATE
74	ALI SHAIHANI JUICE FILLING INDUSTRIES	WADI AL-KABIR	628,100	41	3134	CARBONATED DRINKS	UNKNOWN	UNKNOWN
75	AMCO TILES COMPANY LLC	SALALAH	180,000	25	NR	MOSAIC TILES	10149	OCT-84
			190,000	NR	3699	TILES	10149	OCT-84
76	AL-BHASSANI AUTOMATIC BAKERY	SALALAH	50,000	11	NR	BREAD, SWEETS	10210	APR-86
			19,800	12	3117	BREAD	10210	APR-86
77	CHAFAR ENTERPRISES TRADING & CONT. EST.	SALALAH	300,000	27	NR	FRESH MILK, YOGURT	10261	FEB-88
			500,000	27	3112	MILK PRODUCTS	10261	FEB-88
78	AL MOTI ESTABLISHMENT CEMENT BLOCK FACTORY		35,200	10	NR	CONCRETE BLOCKS	UNKNOWN	UNKNOWN
					3699	CONCRETE BLOCKS	NR	NR
79	OMAR BIN AWADH BIN HAFIZ AL-KAWAS & SONS TRAD & C	UNKNOWN	UNKNOWN	10	NR	ALUMINIUM WINDOW FRAME	UNKNOWN	UNKNOWN
			19,780	10	3819	ALUMINIUM PRODUCTS	10310	Mar-91
80	OMAN INDUSTRIAL & CONT. WORKSHOP	SALALAH I	30,000	12	NR	STEEL DOOR, WATERTANK	10003	APR-81
			12,600	12	3819	METAL PRODUCTS	10003	APR-81







5. Sample of Block Map



BLOCK  
NO143







## 6. Results of the third Field Study

## 6-1 Establishment List

NAME OF ESTABLISHMENT	TEL NUMBER	IR	REF NBR
<AL GHOUBRA>			
OMAN REFRESHMENT CO S.A.O.G	591455	679	97
AL QAWAFIL TRAD & SERVICES CARVAN TRAD	590004	3171	98
INTERNATIONAL CLOTHING INDS.LLC	591891	3422	195
OMAN FOODSTUFF FACTORY	708808	3524	196
OMAN NATIONAL DAIRY PRODUCTS CO.LTD.(S.A	591125	680	258
<AL KHUWAIR>			
MUSCAT INDUSTRY CO L.L.C	697404	--	91
OMAN ALUMINIUM & VENETION BLINDS L.L.C	603229	240	92
UNITED FURNITURE CO L.L.C	600284	36564	93
AL BATINA INDUSTIER CO FOR RICE L.L.C	697374	3011	94
OMAN TILES & MARMLE PROD CO	600260	636	95
THE NATIONAL DETARGENT CO S.A.O.G	603824	--	96
THE PATISSERIE	562319	L 3123	172
ORBIT TRADING & SERVICES LLC	696937	L 2945	187
KHALIL AL KHALILI EST.CONT.TRADE & IND.	601568	2858	188
CEROSS STEEL COMPANY	699824	L 640	189
MUSCAT BAKERY	697902	3456	190
NATIONAL BEVERAGES CO.LTD.(SAOG)	602577	608	260
<AL WATAYA>			
MODERN COLOUR PRINTERS WATTAYA	563876	891	76
AL NAHDA PRINTING PRESS.	563104	2430	259
MAZOUN EST FOR TR & GN CONTG.	561977	--	261
<AZAIBA>			
AZAIBA CLOTHING FACTORY ROP PENSIONS TRU	590307	847	185
ZUBAIR FURNITURE FACTORY LLC	590134	530/76	186
<BAUSHER>			
YAHYA COSTAIN LLC	591366	2253	182
ORALCO ESTABLISHMENT	592144	432/62	183
<DARSAIT>			
M/S. ORIENTAL PRINTING PRESS& STATIONERY	701952	639	60
M/S.RUWI MODERN PRINTERS LLC.	798157	--	174
AL-HASSAN GROUP OF COMPANIES	706825	3312	240
<GAHLA >			
GULF FOOD STUFF PACKING L.L.C	626336	3104	78
AL-AZAIBA WOOD WORKS	590112	--	79
AL-AMAN GENERAL TRADING & CONT CO	591019	2933	80
RAHAMAT ENTERPRISES B. FACTORY	793063	2827	81
AL RAWASI TRAD IND &CONT CO	590800	--	82
OMAN STEEL CO L.L.C.	703515	893	83
M/S MURTAFAH BUSHER TRD &CONT EST	591726	--	84
UNITED ENGINEERING SERVICES L.L.C	592320	2967	85
NAHATH TRAD EST	576347	3131	86
MODERN GARMENT FACTORY	591770	3213	87
AL SEEB CARPENTRY & STEEL WORK SHOP CO	592284	556	88
ADEM BLOCK FACTORY	737413	2735	89

NAME OF ESTABLISHMENT	TEL NUMBER	IR	REF NBR
OMAN PLASTIC BAGS COLTD	591760	2865	90
WAABA TRADING CO.LLC	592012	3120	177
AL HOSNI TRADING & CONTR ENTR	700026	93	178
AL FAYHA TRADING CO.	952918	L 3179	179
OMAN GARMENTS LLC	592560	3175	180
JABREEN MARBLE CO.LLC	700026	3005	181
OMAN FOOD INDUSTRIES CO. LLC.	591942	3243	225
READYMIX MUSCAT LLC.	590481	2763	226
AL-AHMEDI ALUMINUM FACTORY LLC.	114476	3840	227
EXCELLENT BLOCK FACTORY CO LLC.	590561	2999	228
ALHOTI TRADING & CONTRACTING EST.	591303	3737	229
AL TURKI CEMENT PRODUCTS LLC.	590140	3442	230
M/S ELCO INDUSTRIAL & TRADING CO.	590318	50016	231
ASSOCIATED TRADE & TRANSPORT CO.	590163	3202	242
<MABELA>			
MAHMOOD JANCI TRADING.	--	--	139
FEER MOHD.KHUDA BAKISH AHMED AL-RAISI	792964	--	140
ALOZAI TRADING & CONT.EST. (CARPENTRY)	--	1320	141
AL TARIK MARBLE CO.LLC	600436	--	142
ALOZDI TRADING & CONT. (ALUMINUM)	--	1320	143
HAF TILES & BLOUCK EST	--	831	145
SALIM BIN MOHD BIN HILAL AL-BUSAIDI TRAD	551024	7480	146
AL ULIYA TRD CO LLC	882903	--	147
HASAN BIN SHAMBE BINBIN KUHI AL BULUSHI	550154	--	149
ALI BIN AHAMED BIN SULTAN AL SAADI	621096	--	150
HAMED BIN SAID SALIM AL HARTHY TRAD	536141	3404	154
HAMED HILAL BIN MOHD AL BUSAIDY TRD EST	551054	3002	157
HAJI JAAN MOHD GULLAM ALBLUSHY	537129	--	158
SAIF BIN SULEIMAN SALIM TRD	551837	--	159
SULUM BIN SAUD TRD CONT EST	620561	--	160
SAMIER BIN AYUB SABRIY ALBULUSHY	620588	21740	161
ABU NADRI TRAD.	620187	--	162
WORKSHOP STEEL	--	3170	163
SANA TRD &CONT EST (WORK SHOP)	--	--	164
MUHAMED IBRAHIM SHAHDAD AL-BALUSHI	536261	--	165
BAIT AL-KHOUDH TRAD EST	538077	--	166
AL-FIRDOUS NATIONAL OMANI EST.	--	--	167
YAHYA RASHID SAIF ALAMRI TRADING	550017	1789	168
MEHDY BIN MOHD TRAD.	--	--	169
AL ZARY TRAD.EST.	620917	3560	170
AL BURJI	551987	3475	171
<MADINAT GABOOS>			
GOLDEN.P.PRES.	699972	--	132
BATNA BAGS FACTORY LLC.	697374	2263	133
SADOLIN POLIMS(OMAN)LTD.	602780	449	134

NAME OF ESTABLISHMENT	TEL NUMBER	IR	REF NBR
<MUTTRAH>			
FAIQ COLOUR PRINTING PRESS	714044	L 1963	175
OMAN FLOUR MILLS CO. (SAOG)	711155	659	176
<QURM>			
OMAN FRINTERS & STATIONERIES LTD CO	562434	1013	77
OMAN REFINERY COMPANY L.L.C.	561200	1964	184
<RUSAYL>			
THE NATIONAL DETARGENT CO S.A.O.G	603824	3165	99
OMAN PERFUMERY L.L.C	510390	2036	100
LOCAL TENTS FACTORY CO	626069	2809	101
OMANI MARBLE CO L.L.C	626158	3084	102
OMAN WATER PUMPS MFG.CO SAOG	626098	3074	103
REEM BATERIES & POWER APPLIANCES CO SAO	626191	1489	104
SWEETS OF OMAN S.A.O.G	626276	3434	105
ARABIAN INDUSTRIES L.L.C	626294	3612	106
DECORATIVE GLASS MFG L.L.C	626065	3032	107
NATIONAL TEA COMPANY	626283	300	108
AL-MACKI TYRE & WIRE PLANT	626150	--	109
NATIONAL GAS CO. (S.A.O.G.)	626073	695	110
AL-AMAN PRINTING PRESS.LLC.	626163	--	111
OMAN CONCRETE PRODUCTS EST.	950778	308	112
ORIENTAL BUILDING MATERIAL INDUSTRIES LL	626130	1773	113
AL KHOUDH STEEL FURNITURE INDUSTRIAL CO.	626202	2973	114
AL NASR TILES & CEMENT PRODUCTS CO.LLC.	626126	1975	115
REEM RADIATORS & ACCESSORIFS CO.LLC	626134	2916	116
MUNANDOR INCORPORATRD	626012	2955	117
GULF GARMENTS INDUSTRY LLC	626555	--	118
KHIMJI PERMOGLAZE (OMAN)LLC.	626106	2883	119
OMAN METAL INDUSTRIES LLC.	626132	2737	120
JOTUN LLC	626100	2472	121
AL WARDHA FOOTWEAR & LEATHER PRODUCTS CO	626038	1185	122
MUSCAT SARMENTS INDUSTRY LLC.	626228	--	123
AREEJ VEGETABLE OILS & DERIVETIONS SAOG.	626270	1950	124
OMAN TEXTILE MILLS CO.	626129	3082	125
M/S CHAINLINK FENCING CO LLC.	626024	2717	126
EASTER ESTABLISHMENT	626057	3540	127
KHALID BIN ABDULLAH SALEH AL-NAAMANI & S	626209	2713	128
AL ZADJALI DECORSTONE L.L.C.	796164	3140	129
OMAN INSECTICIDES & AIRFRESAENER CO.LLC.	626040	3058	130
ASSARAAIN CONCRETE PRODUCTS LLC.	621952	2940	131
AL BALLOUR CO.LLC	626289	3135	135
MUSCAT MANUFACTURERS CO FOR IND & COOKIN	563521	3112	173
MOHSIN HAIDER DARWISH LLC (GASES DIVISIO	626112	2985	236
BILAD (OMAN) LLC	626001	2087	237
SPEEDCRAFT CONTRACTTS	711223	1854	238



NAME OF ESTABLISHMENT	TEL NUMBER	IR	REF NBR
AL BUSTAN TEA PACKING FACTORY LLC.	605574	3103	239
MUSCAT INDUSTRIES COMPANY LLC (WNS)	626232	3196	241
OMAN CEMENT COMPANY (SAQA)	626626	1090	243
COMPUTER STATIONERY INDUSTRY SAOG	626160	2952	244
NATIONAL HEATERS INDUSTRIES CO.	626302	1186	245
M/S. OMAN CABLES INDUSTRY (SADG)	626464	2995	246
POLY PRODUCTS L.L.C.	626044	2251	247
M/S WALEED VACU - LUG TYRES OMAN LLC.	626238	3212	248
NATIONAL ALUMINIUM PRODUCTS CO SAOG	626450	2976	249
AL AMAL INDUSTRIES CO. (SAOG)	626021	2587	250
AMIANIT OMAN SAOC.	626600	276	251
AL BAYAN ESTABLISHMENT	708861	3071	252
NATIONAL BISCUIT INDUSTRIES LTD SAOG.	626034	1668	253
OHI GARMENTS MANUFACTURIGN CO LLC.	626141	3223	254
SHANFARI CRUSHERS CO.LLC	626220	2652	257
<SEEB>			
AL-HOSNI TRADING & CONTRACTING	799515	---	144
TALAL AND SHAIHANI PAPER INDUSTRIES	537128	1745	148
ORIENTAL CRUSHER L.L.C	620957	1614	151
SAID BIN SAIF BIN MOHAMED AL AMRI TRD.	622521	1422	152
AL HAMADI FISHRIES CO L.L.C	796152	3231	153
AL SEEB PRINTING PRESS	622368	---	155
MIDDLE ESTERN COMMERCIAL SERVICES	704592	---	156
<WADI ADAI>			
AL-MUSAIDIR ENTERPRISES	560429	---	70
AL RIYAMI TRAD & CONT .EST	562236	---	71
OMAN FASHION FACRODY	561396	3327	72
RASHID HAMOOD AL ESKY EST	799861	2732	73
AL-FARSI ENTERPRISES	708090	---	136
M/N JAMALANI TRDING EST.	561470	---	138
ENGINE ENGINEERING WORKSHOP LLC.	561095	3178	233
MODERN COLD INDUSTRIALIZATION CO.LLC.	561652	1744	234
MAHAMAD YOUSEF ALI HAROON B.FACTORY	699035	---	74
<WADI HATAT>			
SULTAN BIN SAID CONT AND TRD EST	580561	---	61
AL BAWADI TRD EST (TILES FACTORY)	707933	2007	62
ALI HAMDOON AL JABERY TRADING	---	---	63
CONSTRUCTION MATERIALS INDUSTRIES	704603	1035	64
ALMUSAWI CONT TRD EST	563371	---	65
NAHAD TRADING AND CONTG EST	701035	---	66
ABDUL QADIR ABDUL REHMAN TRD AND CONT	576219	1874	67
HOSFORT MARBILE FACTORY L.L.C.	562983	---	68
YAQOOBI ISMAIL & ABDUL WAHABISHAQ TRAD	561390	1140	69
M/S.NATIONAL CEMENT PRODUCTS & TRAD.COMP	561047	355	198
MOHAMMAD SULAIMAN MOHAMMAD AL-HADI TRAD.	---	3182	199

NAME OF ESTABLISHMENT	TEL NUMBER	IR	REF NBR
HUSSAIN BIN ALI BIN HEDEIB AL-WEHIBY	--	--	200
AL-BIRIAN TRADING & CONTRACTING.	950698	83/A.	232
MUBARAK BIN SAID AL-AZRI & SONS CO.	--	--	235
AL-BAIREEN TRADING & CONT. EST.	575409	--	255
HAJAR EXPLOSIVES MANUFACTURING CO. LCC. <WADI KABIR>	591130	1036	256
WHITE HILLS TRDG & CONT	796286	--	31
MURTAD MOHSIN ALI	709422	--	32
SHAAB TRD & CONT EST	623105	--	33
SHAHOO NOOR AL-ZADJALI	708155	1940	34
ABDULLAH BIN HAMDAN TRADING	706019	2722	35
DARFAT TRADING & CONT.CO.	796542	2899	36
KHANCO	701743	3016	37
HAMOOD RAMZAN SHAHRAZA AL BALUSHI	753413	2780	38
IMMAM BUKHSH ISMAL SHAH KARAM	706949	2997	39
AL-TEEN TRADING ESTABLISHMENT.	798355	2356	40
MUSCAT FIBRE GLASS FACTORY.	752705	3760	41
SAEED AL BARWANI EDT.	707052	--	42
AL HASSAN SWITCHGEAR MANUFACTURING CO. (	700575	--	43
MOOSA DAD RAHMAN AL BALUSHI.	794137	--	44
AL BARARY FOR CONST.& GEN. MAINT LLC.	702497	--	45
MOHSIN NOOR MOHAMMED JUMA.	751724	--	46
AL WADI AL KABIR ROUNDA BOUT BAKERY.	707393	--	47
THE OMAN EXPRESS SUPPLIE CO.	794252	305	48
ABU A AMIR AL HABSI TRADING.	--	--	49
SHAFI MOHD TRAD.& CONT ENT.	714804	--	50
JABER TRAD.& CONT.CO.	795066	--	51
AKI BIN HASSAN BIN SHERR TRADING.	--	16319	52
MAHMOOD FAIREE MOHD.AL BALUCHI	706792	--	53
ALI BIN SALEH BIN MOHD HLOW TRADING	842236	--	54
NAKHAL TRADING CO. ALUMINIUM DOORS & WIN	793242	6558	55
AL RAJA TRAD.& CONT.EST.	700942	3435	56
NOOR MOHD.JUMA AL AZDI	712180	--	57
KHALID AL KHANJARI TRADING & CONT. EST.	590668	577	59
HABIB BIN SADEK BIN NOOR AL DIN	--	--	137
OMAN STEEL FABRICATORS & MECHANICAL CO.	707964	44B	201
MOHD KHALID & ABDULAH SULAIMAN TRAD.CO	--	--	202
IBRAHM SHAMBY JAN MOHD TRAD	796334	3071	203
AL OSFOUR FURNITURE LLC	561400	*****	204
AL SHAIHANI JUICE FILLING IND.	707634	11223	205
ALI SHAIHANI FOOD IND.	707634	1063	206
AL-JUFAIR FOOD IND.	707634	2738	207
AL DAREE TRADING & CONT EST.	707043	--	208
GULF BIBI TRADING	794656	L 3759	209
ALI OBAID KHAMIS AL GHAFRI TRADING	798299	--	210

NAME OF ESTABLISHMENT	TEL NUMBER	IR	REF NBR
AL RADHI EST.	701197	3029	211
SALIM HABIB SALIM AL BATTASHI TRADING	702988	--	212
IBRAHIM DO SHAMBAY GHULAM AL BALOUSHI	--	--	213
ABBAS DUR MOHD TRAD. & CONT.	--	--	214
AL BAKSHI TRAD. & CONT.	797838	--	215
VOLT ELECTRICAL & MECHANICAL CONT.	795321	L 2855	216
MEHBOOR FURNISHING LLC	703634	L 00361	217
RIYAM INVESTMENT & TRADING EST.	796393	L 2998	218
AL BUSTAN BAKERY LLC	705376	L 2723	219
SEEB BUILDING CONT. & TRAD.CO.	750971	1692	220
MURTADHA ENTERPRISES	796317	2364	221
ABU HINAI AL HINAI ENGINEERING SERVICES.	797029	--	223
AL DHAFIR ESTABLISHMENT	703637	--	224
MODERN DAIRY FACTORY	797347	748	262
AL - TAISEER TRDG. & CONTG CO.	797540	3992	265
AL- FELAJ TRADING & CONTRACTING.	704481	1526	266
<RUWI>			
M/S. AL SALAMAH EST. FOR TRADING & GEN C	701549	2857	6
ABU HOOD TRADING & CONT.EST	704532	1517	7
MOHD. MURAD SHER MOHD. AL-RAISI ENGRANIN	799944	3143	24
AL-HARITH TRADING & SERVICES.	797332	--	26
GULF CORNER ESTABLISHMENT	--	1943	191
MUSTAFA & JAWAD TRADING CO.LLC.	706584	NF	192
MUBARAK BIN KHAMIS BIN ALI SOOMAR AL ZAD	702217	1164	193
MUSCAT PRINTING PRESS.	795069	1175	264
<RUWI (WALJA)>			
AL ZAHRA PRINTING	702132	1855	1
MOHAMMED HILAL SULIMAN	797094	4200	2
MUNSHIAT -E- OMAN LITTEJERAH	705840	696	3
MOHAMED SHABAN DAWOOD TRADING	795834	2948	4
SALEM BIN NASSER AL MAMARI TRADING EST.	707701	3036	5
AL-DAREE TRADING & CONT. EST.	705356	941	8
MOHD. MURAD ISMAIL MOHD. AL-RAISY	--	9240	9
ALI BIN SALEM BIN NASSER AL MAMARI EST.	795829	--	10
BLUE STAR TRADING & CONTRACTING EST.	796434	--	11
AL-HADAF.TRD	--	3576	12
YAQOOB BIN KHALF AL MAWALY TRADING	753789	2846	13
ABBAS DUR MOHAMED TRADING	798090	1320	14
AL KASF TRADING	799164	3549	15
KHALFAN KINAIN TRADING & CONTRACTION EST	708137	--	16
M/S. DARWISH BIN ABDULLAH BIN HASSAN	751142	--	17
ABU AMEIR AL HINAI TRD	707831	--	18
ABDUL LATIF & ADAM MOHD. TRADING.	797144	--	19
HAMED BIN KHALFAN AL RAWAHY TRAD.	703838	10973	20
ABU KHALID AL SIYABI EST	--	8792	21
THE STAR TRADING	794353	2974	22

NAME OF ESTABLISHMENT	TEL NUMBER	IR	REF NBR
AL-GHAMARI TRA, & EST.	709569	7591	23
KADEER TRADING	705564	--	25
HABIB DAWOOD HABIB.	798432	--	27
SULEIMAN BIN ALI BIN ZAHER AL-ABRI.	708423	2668	28
MURTADA MOHSIN ALI TRADING.	706872	8754	29
AL SALAHA TRADING	700933	3781	30
MUBARAK SAEED AL-AZRY & SONSCO.	700547	--	222
M/S. AMOUR BIN HAMAD BIN MAJID TRADING,	560203	3145	263

6-2 Number of Questionnaires (distribution/collection)  
and Entry Ratio

Location name	Distribution Total	Collection		
		Up to Oct.9	Oct.11 - Oct.30	Total
RUWI	59	32	4	36
MUTTRAH	3	0	2	2
AL WADI AL KABIR	103	34	21	55
MUSCAT	1	0	0	0
DARSAIT	3	2	1	3
WADI HATAT	8	13	3	16
WADI ADAI	29	9	0	9
AL WATTAYAH	3	3	0	3
AL QURM	4	1	1	2
BOUSHAR	3	0	2	2
GHALA	33	21	5	26
AL KHUWAIR	7	7	5	12
AL AZAIBA	6	1	1	2
AL GHOBRA	6	2	3	5
RUSAYL	55	53	0	53
MADINAT QABOOS	9	3	0	3
AL SEEB	49	0	7	7
AL MABELA	0	2	24	26
	381	183	79	262

Entry Ratio (%)

Industrial Registration Number	75%
Number of employees	98%
Wages and Salaries	96%
Cost of raw materials	85%
Value of electricity consumed	83%
Value of water consumed	77%
Value of products	73%
with details	45%
without details	29%
product name	11%
Value of shipments	22%
Value of inventory	78%
Value of land acquired	53%
Value of building acquired	56%
(Rental for land and for building show 34% and 24% respectively.)	

TABLE 1 GENERAL STATISTICS FOR INDUSTRY GROUP AND INDUSTRY

ISIC	NBR OF EST.	PERSONS ENGAGED	CASH EARNINGS (RO)	VALUE OF RAW MATERIALS (RO)	VALUE OF PRODUCTION (RO)	VALUE OF SHIPMENT (RO)	GROSS VALUE ADDED (RO)
<b>15 MANUFACTURE OF FOOD PRODUCTS AND BEVERAGES</b>							
1520	2	184	415,964	1,689,587	3,532,002	3,533,030	1,730,737
1541	1	132	215,504	898,935	1,742,000	1,694,000	(475,433)
1549	2	42	46,909	197,489	211,938	244,843	13,254
1554	1	280	292,138	2,788,058	3,054,100	5,294,808	89,757
SUB TOTAL	6	638	970,515	5,574,069	8,540,040	10,766,681	1,358,315
<b>18 MANUFACTURE OF WADING APPAREL; DRESSING AND DYEING OF FUR</b>							
1810	2	866	426,224	1,285,668	1,473,677	1,367,167	170,941
SUB TOTAL	2	866	426,224	1,285,668	1,473,677	1,367,167	170,941
<b>20 MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE</b>							
2022	2	29	27,317	165,278	237,978	218,748	69,700
SUB TOTAL	2	29	27,317	165,278	237,978	218,748	69,700
<b>21 MANUFACTURE OF PAPER AND PAPER PRODUCTS</b>							
2109	1	52	147,369	630,560	1,149,786	1,096,350	500,967
SUB TOTAL	1	52	147,369	630,560	1,149,786	1,096,350	500,967
<b>22 PUBLISHING, PRINTING AND REPRODUCTION OF RECORDED MEDIA</b>							
2211	2	75	166,331	672,654	1,007,985	1,119,592	325,164
2219	1	15	45,150	55,679	175,034	207,318	112,581
2221	1	39	6,070	174,362	198,911	327,183	19,247
SUB TOTAL	4	129	217,551	902,695	1,381,930	1,654,093	456,992
<b>24 MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS</b>							
2411	1	52	106,631	56,156	422,000	425,700	289,939
2429	1	20	32,909	42,550	155,165	104,354	112,279
SUB TOTAL	2	72	139,540	98,706	577,165	530,054	402,218
<b>25 MANUFACTURE OF RUBBER AND PLASTICS PRODUCTS</b>							
2511	1	11	7,953	17,147	19,893	995	1,472
2520	1	90	181,700	708,800	1,042,390	1,778,790	267,470
SUB TOTAL	2	101	189,653	725,947	1,062,283	1,779,785	268,942

TABLE 1 GENERAL STATISTICS FOR INDUSTRY GROUP AND INDUSTRY

ISIC	NBR OF EST.	PERSONS ENGAGED	CASH EARNINGS (RO)	VALUE OF RAW MATERIALS (RO)	VALUE OF PRODUCTION (RO)	VALUE OF SHIPMENT (RO)	GROSS VALUE ADDED (RO)
26 MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS							
2694	1	285	1,138,935	922,451	11,825,546	14,265,932	7,429,299
2695	7	503	849,693	4,061,476	6,315,079	3,262,705	1,591,393
2696	1	61	131,670	72,400	510,831	583,331	289,758
2699	2	40	49,364	51,629	147,310	144,543	52,976
SUB TOTAL	11	889	2,169,662	5,107,956	18,798,766	18,256,511	9,363,426
27 MANUFACTURE OF BASIC METALS							
2720	2	197	431,862	4,281,629	5,647,635	5,903,052	1,039,434
SUB TOTAL	2	197	431,862	4,281,629	5,647,635	5,903,052	1,039,434
28 MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT							
2811	6	337	540,060	1,563,953	2,715,499	2,747,214	1,073,324
2893	1	16	21,840	46,890	47,108	78,535	0
2899	1	34	42,212	827,271	968,704	1,133,103	126,788
SUB TOTAL	8	387	604,112	2,438,114	3,731,311	3,958,852	1,200,112
29 MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.							
2930	1	61	81,132	219,198	347,710	384,450	123,442
SUB TOTAL	1	61	81,132	219,198	347,710	384,450	123,442
34 MANUFACTURE OF MOTOR VEHICLES AND TRAILERS AND SEMI-TRAILERS							
3420	1	18	21,370	183,379	328,705	287,480	143,667
SUB TOTAL	1	18	21,370	183,379	328,705	287,480	143,667
36 MANUFACTURE OF FURNITURE; MANUFACTURING N.E.C.							
3610	2	227	278,000	1,622,000	2,845,000	2,622,000	1,212,100
3699	1	27	20,687	95,996	237,925	259,275	141,493
SUB TOTAL	3	254	298,687	1,717,996	3,082,925	2,881,275	1,353,593
GRAND TOTAL	45	3,693	5,724,994	23,331,195	46,359,911	49,084,498	16,451,749

TABLE 2 GENERAL STATISTICS FOR INDUSTRY GROUP AND SIZE OF ESTABLISHMENT

ISIC	NBR OF PERSONS ENGAGED EST.	CASH EARNINGS	COST (RO) RAW MATERIALS	VALUE OF PRODUCTION	VALUE OF SHIPMENT	CAPITAL INVEST' MT (RO)
26 MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS						
269 Manufacture of non-metallic mineral products n.e.c.						
less than 3 employees	3	2,700	6,770	12,430	13,500	5,000
4 - 9	11	11,400	46,852	89,919	95,213	50,000
10 - 19	29	34,560	113,245	272,290	302,469	185,200
20 - 29	23	88,151	475,783	660,978	704,124	285,915
30 - 49	33	41,804	12,287	70,091	65,255	916,868
50 - 100	61	131,670	72,400	510,831	583,331	200,000
over 100	729	1,959,377	4,380,619	17,182,327	16,492,619	59,057,655
TOTAL	11	889	2,169,662	5,107,956	18,798,766	18,256,511
						60,600,638



TABLE 3. ESTABLISHMENTS, PERSONS ENGAGED AND CASH EARNINGS

ISIC	NBR OF ESTABLISHMENT	PERSON ENGAGED		CASH EARNINGS		TOTAL
		OMANI	%	OMANI	%	
15 MANUFACTURE OF FOOD PRODUCTS AND BEVERAGES						
1520	2	42	23%	142	77%	184
1541	1	42	32%	90	68%	132
1549	2	17	40%	25	60%	42
1554	1	17	6%	263	94%	280
SUB-TOTAL	6	116	18%	520	82%	636
18 MANUFACTURE OF WEARING APPAREL; DRESSING AND DYEING OF FUR						
1810	2	113	13%	753	87%	866
SUB-TOTAL	2	113	13%	753	87%	866
20 MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE; MANUFACTURE OF ARTICLES OF STRAW AND PLAITING MATERIALS						
2022	2	0	0%	29	100%	29
SUB-TOTAL	2	0	0%	29	100%	29
21 MANUFACTURE OF PAPER AND PAPER PRODUCTS						
2109	1	35	67%	17	33%	52
SUB-TOTAL	1	35	67%	17	33%	52
22 PUBLISHING, PRINTING AND REPRODUCTION OF RECORDED MEDIA						
2211	2	9	12%	66	86%	75
2219	1	2	13%	13	87%	15
2221	1	3	8%	36	92%	39
SUB-TOTAL	4	14	11%	115	89%	129
24 MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS						
2411	1	13	25%	39	75%	52
2429	1	11	55%	9	45%	20
SUB-TOTAL	2	24	33%	48	67%	72
25 MANUFACTURE OF RUBBER AND PLASTICS PRODUCTS						
2511	1	0	0%	11	100%	11
2520	1	10	11%	80	89%	90
SUB-TOTAL	2	10	10%	91	90%	101
CASH EARNINGS						
		OMANI		NON-OMANI		TOTAL
		%		%		
		80%	331,164	20%	84,800	415,964
		70%	150,151	30%	65,353	215,504
		69%	32,169	31%	14,740	46,909
		94%	274,498	6%	17,640	292,138
		81%	787,982	19%	182,533	970,515
		81%	343,362	19%	82,862	426,224
		81%	343,362	19%	82,862	426,224
		100%	27,317	0%	0	27,317
		100%	27,317	0%	0	27,317
		66%	97,299	34%	50,070	147,369
		66%	97,299	34%	50,070	147,369
		91%	151,051	9%	15,280	166,331
		84%	38,070	16%	7,080	45,150
		92%	5,600	8%	470	6,070
		90%	194,721	10%	22,830	217,551
		79%	84,591	21%	22,040	106,631
		51%	16,760	49%	16,149	32,909
		73%	101,351	27%	38,189	139,540
		100%	7,953	0%	0	7,953
		92%	167,000	8%	14,700	181,700
		92%	174,953	8%	14,700	189,653

TABLE 3. ESTABLISHMENTS, PERSONS ENGAGED AND CASH EARNINGS

ISIC	NBR OF ESTABLISHMENT	PERSON ENGAGED			CASH EARNINGS						
		OMANI	%	NON-OMANI	TOTAL	OMANI	%	TOTAL			
26 MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS.											
2694	1	90	32%	195	68%	285	388,018	34%	750,917	66%	1,138,935
2695	7	77	15%	426	85%	503	175,507	21%	674,186	79%	849,693
2696	1	5	8%	56	92%	61	7,350	6%	124,320	94%	131,670
2699	2	4	10%	36	90%	40	11,550	23%	37,814	77%	49,364
SUB-TOTAL	11	176	20%	713	80%	889	582,425	27%	1,587,237	73%	2,169,662
27 MANUFACTURE OF BASIC METALS											
2720	2	55	28%	142	72%	197	121,725	28%	310,137	72%	431,862
SUB-TOTAL	2	55	28%	142	72%	197	121,725	28%	310,137	72%	431,862
28 MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT											
2811	6	49	15%	288	85%	337	54,569	10%	485,491	90%	540,060
2893	1	2	13%	14	88%	16	780	4%	21,060	96%	21,840
2899	1	4	12%	30	88%	34	16,050	38%	26,162	62%	42,212
SUB-TOTAL	8	55	14%	332	86%	387	71,399	12%	532,713	88%	604,112
29 MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.											
2930	1	14	23%	47	77%	61	12,988	16%	68,144	84%	81,132
SUB-TOTAL	1	14	23%	47	77%	61	12,988	16%	68,144	84%	81,132
34 MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS											
3420	1	0	0%	18	100%	18	0	0%	21,370	100%	21,370
SUB-TOTAL	1	0	0%	18	100%	18	0	0%	21,370	100%	21,370
36 MANUFACTURE OF FURNITURE; MANUFACTURING N.E.C.											
3610	2	45	20%	182	80%	227	44,800	16%	233,200	84%	278,000
3699	1	14	52%	13	48%	27	7,781	38%	12,906	62%	20,687
SUB-TOTAL	3	59	23%	195	77%	254	52,581	18%	246,106	82%	298,687
GRAND TOTAL	45	673	18%	3,020	82%	3,693	1,232,302	22%	4,492,692	78%	5,724,994

TABLE 4 PER ESTABLISHMENT AND PER PERSON ENGAGED, BY INDUSTRY GROUP AND INDUSTRIES

ISIC	PER ESTABLISHMENT				STOCKS END OF YEAR	PER PERSON ENGAGED		CASH EARNINGS TOTAL
	PERSONS ENGAGED	VALUE OF PRODUCTION	VALUE OF SHIPMENT	GROSS VALUE ADDED		VALUE OF PRODUCTION	GROSS VALUE ADDED	
15	MANUFACTURE OF FOOD PRODUCTS AND BEVERAGES							
1520	92	1,766,001	1,766,515	865,368	117,661	19,195	9,406	2,260
1541	132	1,742,000	1,694,000	(475,433)	0	13,196	(3,601)	1,632
1549	21	105,969	122,421	6,627	13,757	5,046	315	1,116
1554	140	1,527,050	2,647,404	44,878	99,243	10,907	320	1,043
SUB TOTAL	106	1,423,340	1,794,446	226,385	76,887	13,385	2,129	1,521
18	MANUFACTURE OF WARING APPAREL; DRESSING AND DYEING OF FUR							
1810	433	736,839	683,583	85,470	113,876	1,701	197	492
SUB TOTAL	433	736,838	683,583	85,470	113,876	1,701	197	492
20	MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK, EXCEPT MANUFACTURE OF ARTILES OF STRAW AND PLAINING MATERIALS							
2022	14	118,989	109,374	34,850	21,674	8,206	2,403	942
SUB TOTAL	14	118,989	109,374	34,850	21,674	8,206	2,403	942
21	MANUFACTURE OF PAPER AND PAPER PRODUCTS							
2109	52	1,149,786	1,096,350	500,967	35,492	22,111	9,633	2,834
SUB TOTAL	52	1,149,786	1,096,350	500,967	35,492	22,111	9,633	2,834
22	PUBLISHING, PRINTING AND REPRODUCTION OF RECORDED MEDIA							
2211	37	503,992	559,796	162,582	101,498	13,439	4,335	2,217
2219	15	175,034	207,318	112,581	168,325	11,668	7,505	3,010
2221	39	198,911	327,183	19,247	18,365	5,100	493	155
SUB TOTAL	32	345,482	413,523	114,248	97,421	10,712	3,542	1,686
24	MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS							
2411	52	422,000	425,700	289,939	7,514	8,115	5,575	2,050
2429	20	155,165	104,354	112,279	45,572	7,758	5,613	1,645
SUB TOTAL	36	289,582	265,027	201,109	26,543	8,016	5,586	1,938
25	MANUFACTURE OF RUBBER AND PLASTICS PRODUCTS							
2511	11	19,893	995	1,472	0	1,808	133	723
2520	90	1,042,390	1,778,790	267,470	18,834	11,582	2,971	2,018
SUB TOTAL	50	531,141	889,692	134,471	9,417	10,517	2,662	1,677

TABLE 4 PER ESTABLISHMENT AND PER PERSON ENGAGED, BY INDUSTRY GROUP AND INDUSTRIES

ISIC	PER ESTABLISHMENT			GROSS VALUE ADDED	STOCKS END OF YEAR	PER PERSON ENGAGED			
	PERSONS ENGAGED	VALUE OF PRODUCTION	VALUE OF SHIPMENT			VALUE OF PRODUCTION	GROSS VALUE ADDED	CASH EARNINGS TOTAL	
26	MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS								
2694	285	11,825,546	14,265,932	7,429,299	0	41,493	26,067	3,996	
2695	71	902,154	466,100	227,341	133,996	12,554	3,163	1,689	
2696	61	510,831	583,331	289,758	11,787	8,374	4,750	2,158	
2699	20	73,655	72,271	26,488	16,514	3,682	1,324	1,234	
SUB TOTAL	80	1,708,978	1,659,682	851,220	89,344	21,145	10,532	2,440	
27	MANUFACTURE OF BASIC METALS								
2720	98	2,823,817	2,951,526	519,717	202,855	28,668	5,276	2,192	
SUB TOTAL	98	2,823,817	2,951,526	519,717	202,855	28,668	5,276	2,192	
28	MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT								
2811	56	452,583	457,869	178,887	60,567	8,057	3,184	1,602	
2893	16	47,108	78,535	0	26,769	2,944	0	1,365	
2899	34	968,704	1,133,103	126,788	386,594	28,491	3,729	1,241	
SUB TOTAL	48	466,413	494,856	150,014	97,095	9,641	3,101	1,561	
29	MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.								
2930	61	347,710	384,450	123,442	304,982	5,700	2,023	1,330	
SUB TOTAL	61	347,710	384,450	123,442	304,982	5,700	2,023	1,330	
34	MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS								
3420	18	328,705	287,480	143,667	139,017	18,261	7,981	1,187	
SUB TOTAL	18	328,705	287,480	143,667	139,017	18,261	7,981	1,187	
36	MANUFACTURE OF FURNITURE; MANUFACTURING N.E.C.								
3610	113	1,422,500	1,311,000	606,050	72,650	12,533	5,339	1,224	
3699	27	237,925	259,275	141,493	0	8,812	5,240	766	
SUB TOTAL	84	1,027,641	960,425	451,197	48,433	12,137	5,329	1,175	
GRAND TOTAL	82	1,030,220	1,090,766	365,594	88,535	12,553	4,454	1,550	

TABLE 5 VALUE OF CONSUMED RAW MATERIALS ETC., VALUE OF SHIPMENTS ETC., VALUE OF PRODUCTION AND GROSS VALUE ADDED, BY INDUSTRY GROUP

ISIC	TOTAL	VALUE OF CONSUMED RAW MATERIALS ETC.	WATER	COST OF CONTRACT & COMM WORK	VALUE OF SHIPMENTS ETC.	OTHER REVENUE	VALUE OF PRODUCTION	GROSS VALUE ADDED
		RAW MATERIALS	ELEC-TRICITY		PRODUCTS SHIPMENT WORK ETC.			
15 MANUFACTURE OF FOOD PRODUCTS AND BEVERAGES								
1520	1,801,265	1,689,587	62,948	31,330	0	35,787	3,532,002	1,730,737
1541	2,217,433	898,935	27,598	3,900	1,287,000	--	1,742,000	(475,433)
1549	198,684	197,489	0	231	0	20,167	211,938	13,254
1554	2,964,343	2,788,058	30,779	37,261	--	45,651	3,054,100	89,757
SUB TOTAL	7,181,725	5,574,069	122,289	72,722	1,287,000	101,605	8,540,040	1,358,315
18 MANUFACTURE OF WEARING APPAREL; DRESSING AND DYEING OF FUR								
1810	1,302,736	1,285,668	1,124	10,844	0	2,705	1,473,677	170,941
SUB TOTAL	1,302,736	1,285,668	1,124	10,844	0	2,705	1,473,677	170,941
20 MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE;								
2022 MANUFACTURE OF ARTICLES OF STRAW AND PLAITING MATERIALS								
2022	168,278	165,278	707	963	0	0	237,978	69,700
SUB TOTAL	168,278	165,278	707	963	0	0	237,978	69,700
21 MANUFACTURE OF PAPER AND PAPER PRODUCTS								
2109	648,819	630,560	--	14,308	0	0	1,149,786	500,967
SUB TOTAL	648,819	630,560	--	14,308	0	0	1,149,786	500,967
22 PUBLISHING, PRINTING AND REPRODUCTION OF RECORDED MEDIA								
2211	682,821	672,654	750	9,307	0	5,418	1,007,985	325,164
2219	62,453	55,679	4,185	1,036	--	0	175,034	112,581
2221	179,664	174,362	0	4,951	0	0	198,911	19,247
SUB TOTAL	924,938	902,695	4,935	14,894	0	5,418	1,381,930	456,992
24 MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS								
2411	132,061	55,156	15,500	50,450	0	0	422,000	289,939
2429	42,826	42,550	0	235	0	26,339	155,165	112,279
SUB TOTAL	174,947	98,706	16,500	50,685	0	26,339	577,165	402,218
25 MANUFACTURE OF RUBBER AND PLASTICS PRODUCTS								
2511	18,421	17,147	699	372	0	8,014	19,893	1,472
2520	774,920	708,800	0	65,670	--	0	1,042,390	257,470
SUB TOTAL	793,341	725,947	699	66,042	75	8,014	1,062,283	268,942

TABLE 5 VALUE OF CONSUMED RAW MATERIALS ETC., VALUE OF SHIPMENTS ETC., VALUE OF PRODUCTION AND GROSS VALUE ADDED, BY INDUSTRY GROUP.

ISIC	TOTAL	VALUE OF CONSUMED RAW MATERIALS ETC.				WATER TRICITY	COST OF CONTRACT & COMM WORK	VALUE OF SHIPMENTS ETC.		OTHER REVENUE	VALUE OF PRODUCTION	GROSS VALUE ADDED
		RAW MATERIALS	FUEL	ELEC-TRICITY	SHIPMENT			REPAIR WORK ETC.				
26 MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS												
2694	4,396,247	922,451	1,892,466	1,489,908	91,422	0	14,265,932	0	875,771	11,825,546	7,429,299	
2695	4,723,686	4,061,476	441,108	102,612	23,188	95,302	3,262,705	0	3,406	6,315,079	1,591,393	
2696	221,073	72,400	140,200	7,273	1,200	0	583,331	0	0	510,831	289,758	
2699	94,334	51,629	34,897	4,993	2,815	0	144,543	0	2,931	147,310	52,976	
SUB TOTAL	9,435,340	5,107,956	2,508,671	1,604,786	118,625	95,302	18,256,511	0	882,108	18,798,766	9,363,426	
27 MANUFACTURE OF BASIC METALS												
2720	4,608,201	4,281,629	52,509	202,453	61,610	10,000	5,903,052	0	9,036	5,647,635	1,039,434	
SUB TOTAL	4,608,201	4,281,629	52,509	202,453	61,610	10,000	5,903,052	0	9,036	5,647,635	1,039,434	
28 MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT												
2811	1,642,175	1,563,953	25,715	31,279	21,228	0	2,747,214	189,363	2,719	2,715,499	1,073,324	
2893	47,108	46,890	0	92	126	0	78,535	0	0	47,108	0	
2899	841,916	827,271	6,303	5,005	3,337	0	1,133,103	4,284	--	968,704	126,788	
SUB TOTAL	2,531,199	2,438,114	32,018	36,376	24,691	0	3,958,852	193,647	2,719	3,731,311	1,200,112	
29 MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.												
2930	224,268	219,198	775	3,770	525	0	384,450	0	2,884	347,710	123,442	
SUB TOTAL	224,268	219,198	775	3,770	525	0	384,450	0	2,884	347,710	123,442	
34 MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS												
3420	185,038	183,379	0	1,659	0	--	287,480	0	0	328,705	143,667	
SUB TOTAL	185,038	183,379	0	1,659	0	--	287,480	0	0	328,705	143,667	
36 MANUFACTURE OF FURNITURE: MANUFACTURING N.E.C.												
3610	1,632,900	1,622,000	0	5,900	5,000	0	2,632,000	0	22,250	2,845,000	1,212,100	
3699	96,432	95,996	0	288	148	0	259,275	0	0	237,925	141,493	
SUB TOTAL	1,729,332	1,717,996	0	6,188	5,148	0	2,891,275	0	22,250	3,082,925	1,353,593	
GRAND TOTAL	29,908,162	23,331,195	2,744,206	2,135,001	305,458	1,392,302	49,084,498	193,722	1,063,078	46,359,911	16,451,749	

Table 6 ESTABLISHMENTS, VALUE OF PRODUCTION BY PRODUCTS

PRODUCT CODE	PRODUCT NAME	NUMBER OF ESTABLISHMENTS	VALUE OF PRODUCTION
152023	Yoghurt and other fermented or acidified milk and cream	2	1,142,398
155410	Waters	3	3,593,913
181016	Track suits, ski suits, swimwear and other garments, knitted or crocheted	2	1,096,168
221110	Printed books, brochures, leaflets & similar printed matter	2	1,007,922
269540	Tiles, flagstones, bricks and similar articles, of cement, concrete or artificial stone	5	1,186,636
269550	Prefabricated structural components for building or civil engineering, of cement, concrete or artificial stone	2	1,927,138
269910	Millstones, grindstones, grinding wheels and the like, w/o frameworks, for working stones, and parts thereof	3	668,615
281190	Parts of structures (iron, steel, aluminium)	6	2,625,283
TOTAL		25	13,248,073

TABLE 7 STATISTICS FOR INDUSTRIAL ESTATES, INDUSTRIAL WATER  
CONSUMED AND ELECTRICITY BY INDUSTRY GROUP AND INDUSTRIE

ISIC	NER OF PERSONS EST ENGAGED	VALUE OF PRODUCTION	LAND AREA (SQ.M)	BUILDING SPACE (SQ.M)	ELEC- TRICITY CONSUMED	WATER CONSUMED
15 MANUFACTURE OF FOOD PRODUCTS AND BEVERAGES						
1520	2	3,532,002	14,707	13,817	62,948	31,330
1541	1	1,742,000	--	5,000	27,598	3,900
1549	2	211,938	2,500	1,125	964	231
1554	1	3,054,100	17,600	--	30,779	37,261
SUB TOTAL	6	8,540,040	34,807	19,942	122,289	72,722
18 MANUFACTURE OF WEARING APPAREL; DRESSING AND DYEING OF FUR						
1810	2	1,473,677	0	570	10,844	5,100
SUB TOTAL	2	1,473,677	0	570	10,844	5,100
20 MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE;						
2022	2	237,978	2,147	1,059	707	963
SUB TOTAL	2	237,978	2,147	1,059	707	963
21 MANUFACTURE OF PAPER AND PAPER PRODUCTS						
2109	1	1,149,786	4,000	2,400	14,308	3,951
SUB TOTAL	1	1,149,786	4,000	2,400	14,308	3,951
22 PUBLISHING, PRINTING AND REPRODUCTION OF RECORDED MEDIA						
2211	2	1,007,985	--	--	9,307	110
2219	1	175,034	--	--	1,036	1,553
2221	1	198,911	--	500	4,551	751
SUB TOTAL	4	1,381,930	0	500	14,894	2,414
24 MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS						
2411	1	422,000	--	--	50,450	8,955
2429	1	155,165	--	--	235	101
SUB TOTAL	2	577,165	0	0	50,685	9,056
25 MANUFACTURE OF RUBBER AND PLASTICS PRODUCTS						
2511	1	19,893	--	--	372	203
2520	1	1,042,390	--	--	65,670	450
SUB TOTAL	2	1,062,283	0	0	66,042	653