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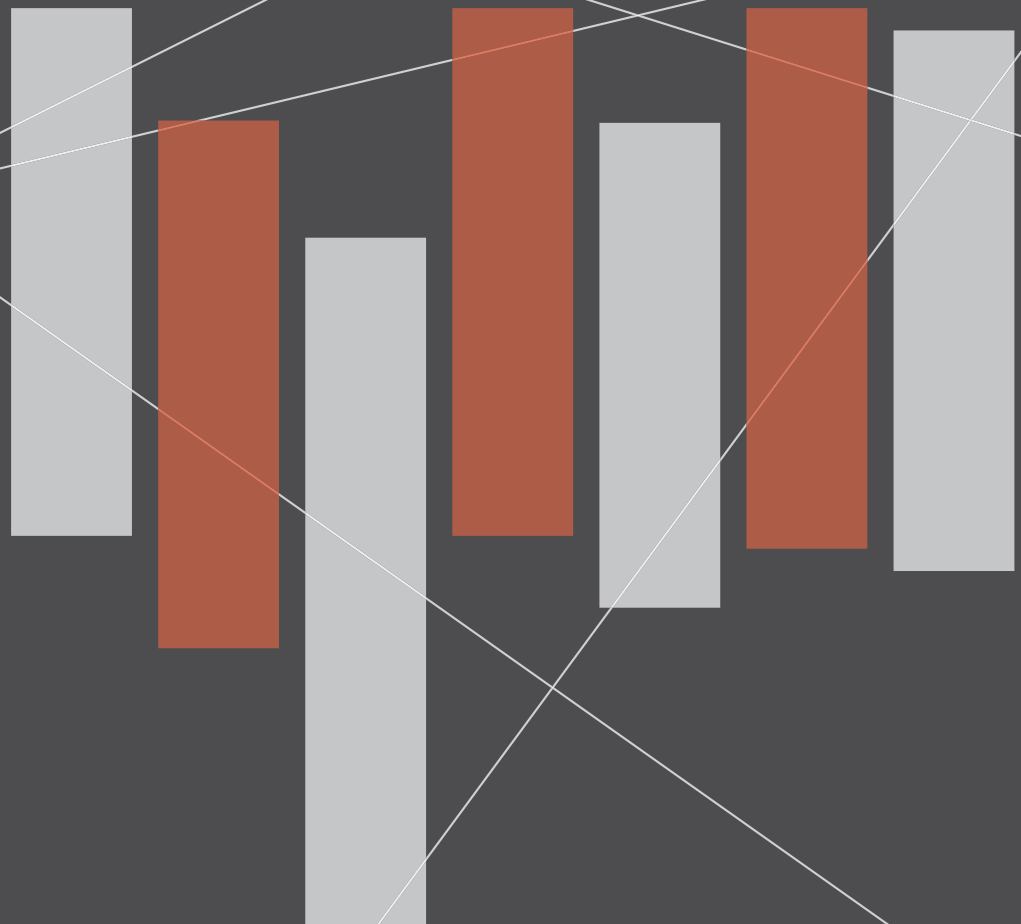


Ministry of Commerce and Industry
Sultanate of Oman

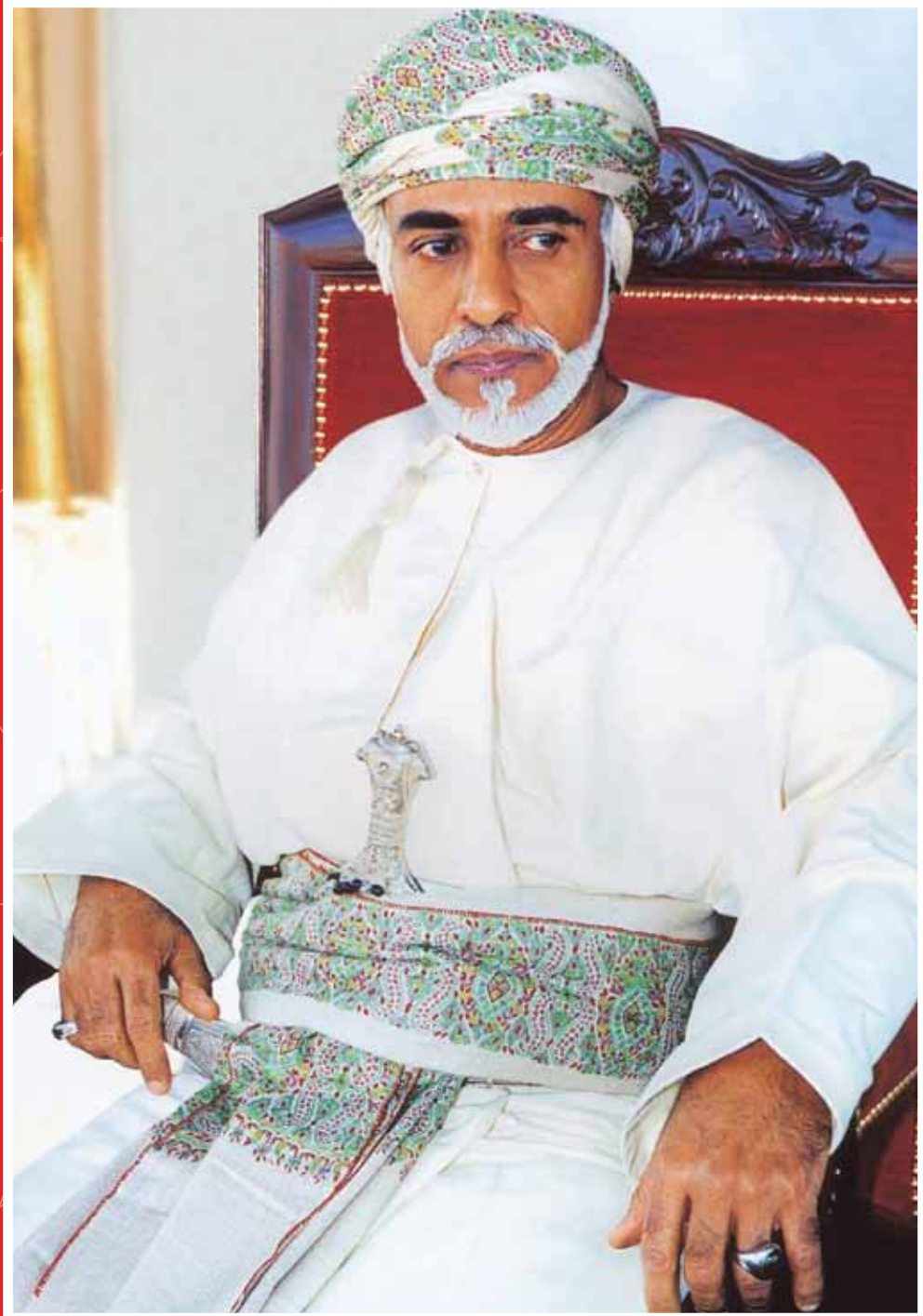
ANNUAL INDUSTRIAL SURVEY, 2013

(Large and middle scale manufacturing establishments)

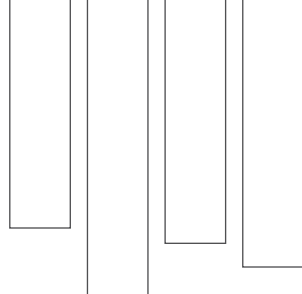
STATISTICAL REPORT



UNITED NATIONS INDUSTRIAL
DEVELOPMENT ORGANIZATION



His Majesty Sultan Qaboos Bin Said



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INTRODUCTION

Oman is a middle-income country in the Gulf region with notable oil and gas resources, a substantial trade surplus, and low inflation. As in most Gulf countries, hydrocarbons form the most important sector in Omani economy, with crude oil accounting for over 25% of GDP in real terms. This proportion is now in gradual decline as oil output has been falling sharply since 2001. With Oman's depleting oil wealth, the role of manufacturing units and industries assumes greater importance in sustaining the country's economy.

In order to assist in promoting growth, more information need to be collected and analyzed for planning and other purposes. The Ministry of Commerce and Industry conscious of these requirements has a long term objective of upgrading and modernizing the approach to the collection, processing and dissemination of industrial statistics.

Oman is currently the only Gulf Country that is performing an annual industrial survey covering licensed manufacturing establishments. A statistical system operated by the Directorate General of Industry, at the Ministry of Commerce and Industry (MCI),

exists in Oman since 1993. This exercise uses a system that was created with support from the Japanese Agency for International Cooperation (JICA).

The MCI agreed to revise the system through a UNIDO project in order to bring it to the current level of best international practices. The objective of the project is to strengthen the industrial statistics system within the Ministry of Commerce and Industry (MCI).

The project aims at targeting the following issues:

- i. Improving the statistical methodology to keep in line with the International Recommendations for Industrial Statistics (IRIS 2008)
- ii. Improving the database and IT system through the use of new technology with a user friendly interface for data entry, processing and dissemination
- iii. Development of industrial performance indicators based on collected data.
- iv. Recommendation for staffing of the Industrial Information Department

2.1 Objective of the survey

The Survey was aimed at producing basic statistics for the Manufacturing Sector in the Sultanate of Oman. It provides information about the composition and structure of the organised Manufacturing Sector. More specifically, the survey is used to:

- i. collect statistics on the operating characteristics and structure of manufacturing establishments operating in the Sultanate of Oman
- ii. assess the contribution of the Manufacturing Sector in the overall economy;
- iii. provide statistics to:
 - a. monitor the performance of the Manufacturing Sector with current plans and strategies adopted by the Ministry
 - b. design industrial development plans, policies and programmes
 - c. carry out studies on new industrial projects
 - d. analyse the performance of the different industrial sub-sectors and establishments
- iv. obtain benchmark data for computing national accounts estimates by the National Statistics and Information Centre
- v. obtain benchmark data for the construction of Input-Output tables.

2.2 Unit of enquiry

The statistical unit used for the census was, in principle, an establishment defined as an economic unit, which engages under a single ownership or control in one, or predominantly one kind of economic activity at a single physical location. However, for certain firms which could not furnish separate data on an establishment basis, the enterprise was used as the unit of enquiry.

2.3 Scope and coverage of the survey

The survey covered all large and middle scale manufacturing establishments licensed with the Ministry of Commerce and Industry and operating in the Sultanate of Oman. Large and middle scale establishments were defined as those employing 10 or more persons engaged. The initial frame comprised around 900 establishments as per list submitted by the Ministry of Commerce and Industry (MCI). Establishments not licensed by the Ministry were not covered given that the list of such establishments was not available. The Ministry is advised to increase the coverage of the survey in future to include these establishments as well as the small ones in order to have a global picture of the whole Manufacturing Sector.

Manufacturing, according to international recommendations, is defined as the physical or chemical transformation of materials or components into new products, whether the work is performed by power-driven machines or by hand, whether it is done in a factory or in the worker's home, and whether the products are sold at wholesale or retail. Assembly of the component parts of manufactured products is considered manufacturing. This includes the assembly of manufactured products from either self-produced or purchased components.

2.4 The questionnaire

The questionnaire was designed according to "The International Recommendations for Industrial Statistics" of the United Nations and took into consideration the requirements of the Ministry of Commerce and Industry (MCI). The information collected satisfies the needs of national accounts and should prove very useful to the government, business users and researchers. The questionnaire, in English, was drafted by the UNIDO expert and finalized

after consultation with the Ministry. It was later translated into Arabic by MCI and is the version used on field. A copy of the instructions for filling the questionnaire (Annex A) as well as the questionnaire in English (Annex B) is given as appendices to this report.

2.5 Response

The response rate for the survey was nearly 95% in terms of employment. Estimates for non-responding establishments were made based on their activity and employment size (see section 2.7). The results presented in this report therefore refer to both responding and non-responding establishments.

2.6 Data collection and processing

Data collection was undertaken by a trained team of enumerators and supervisors recruited by the MCI. The field staff dropped the questionnaire in the business offices of the establishments, gave information and guidance on the filling in of the questionnaire. Some questionnaires were sent by mail as well. Detailed data were collected from November 2013 to November 2014 and refer to calendar 2012. Respondents were asked to provide the data from their accounting records.

Completed questionnaires were edited and coded by MCI staff and entered into the new system designed within the context of the project. Entered data were checked for accuracy and consistency using broad parameters including technical/operation ratios in the field of industrial statistics. A control table comprising these parameters were also sent to the UNIDO Statistical Expert in MS-Excel format. The Expert submitted his comments which were used for final editing. This cleaned dataset was used to generate the tables according to the agreed tabulation plan

2.7 Treatment for non-response

As mentioned, in terms of employment, the responses received covered 95% of total employment in the large and middle scale manufacturing establishments. The present report includes estimation for non-responding establishments as well. This estimation is based on the average figure for reporting establishments in their respective ISIC branch, where feasible at the 4-digit level, otherwise at the 3-digit level. The other parameter used was employment.

2.8 Limitations of the statistics presented

The survey results presented in this report comprise a comprehensive set of basic statistics for the Manufacturing Sector, and, it is hoped that it would prove useful to the Ministry and other users.

However, users are reminded of the following limitations:

- (i) Although field staffs were briefed extensively, it was found that the data still had certain inconsistencies which stem from insufficient understanding of the terms and concepts applied. As far as possible, these inconsistencies have been corrected at the editing stage.
- (ii) There is a tendency among establishments to hide information relating mainly to output and to over-report on inputs. There is a belief that information supplied would be transmitted to the income tax authorities. The regular conduct of such an exercise would help in dissipating this fear and at the same time improve the quality and reliability of the information supplied.
- (iii) A number of establishments are engaged in several equally important but dissimilar activities. Because of non-availability of

separate records, these establishments have been classified according to the activity with the highest output. Figures relating to a particular ISIC group might, therefore, include data for other secondary activities as well.

- (iv) Many establishments could not provide detailed information for certain items such as:
 - a. consumption of electricity, water and fuels separately
 - b. purchase of raw materials and sales from own production by main product,
 - c. value of stocks as well as value of fixed assets by type.

Others did not provide information on the level of stocks and assets. These and other missing data had to be estimated. Care should, therefore, be taken in using figures given at the more detailed level; e.g., components of gross output, detailed intermediate consumption, electricity, water and fuels consumed, etc.

- (v) It will be noted that, in the absence of adequate details on products, it has not been possible to produce reliable tables by detailed product group for sales and purchases by the establishments. These tables are presented at the broad Section level of the Central Product Classification (CPC)

The above limitations, however, have no serious effect on the overall quality and reliability of the major indicators at broad ISIC level. Statistics presented in this report reflect the current status and structure of the Manufacturing Sector in the Sultanate of Oman by 2 digit industry group. The Government, business community and other users can make good use of these results, which constitute the only available set

of information of this kind based on the latest recommendations. When making use of the survey results in certain statistical/economic analysis, users should, however, keep in mind the above limitations.



i) Gross Output:

Gross output of industries covers the value in the market of goods and services produced including work in progress and products for own use. Value of goods sold is adjusted by the change in stocks of finished goods and work in progress.

ii) Intermediate Consumption:

Intermediate consumption of industries covers non-durable goods and services used up in production, including repairs and maintenance of the capital stock, research and direct outlays on financing of capital formation such as transfer costs involved in purchases of land and intangible assets. The consumption of materials and supplies is the total cost of purchases adjusted for change in stocks of raw materials.

iii) Value of stocks:

This item comprise the value of all materials and supplies, fuels, finished and semi-finished products and goods for resale, held by, or under the control of, the establishment (at the establishment itself or in ancillary or other warehouses).

iv) Value Added:

The value added is equal to gross output less the value of the intermediate consumption. The sum of the value added of all domestic producers gives the Gross Domestic Product (G.D.P). Value added may be at factor cost, basic prices or at producers' prices

depending on the treatment of taxes on production and subsidies

v) Compensation of Employees:

- A Compensation of employees comprises all payments by producers of wages and salaries to their employees, in kind as well as in cash and of contributions to social security and to private pension, casualty insurance and similar schemes.
- B Wages and salaries in cash include all payments which employees receive in respect of their work before deductions of employees' contributions to social security schemes. They include commissions, overtime payments, bonuses, cost of living allowance, housing allowance, etc.
- C Wages and salaries in kind are goods and services provided to employees free of charge or at a markedly reduced cost which are clearly of direct benefit to the employees as consumers.

vi) Gross Operating Surplus:

Gross operating surplus is defined as the excess of value added over the cost of employees' compensation.

vii) Formulae for derived statistical variable from the questionnaire

| | | |
|-----------|---|---------------------------|
| A. | NO. OF PERSONS ENGAGED AT END 2012 | |
| B. | NO. OF EMPLOYEES AS AT END 2012 | |
| C. | GROSS OUTPUT (G.O) | C (i) + C (ii) |
| | (i) Value of goods produced | |
| | (ii) Receipts from services rendered | |
| | Industrial services | |
| | Non-industrial services | |
| D. | INTERMEDIATE CONSUMPTION | Total D(i) to D(v) |
| | (i) Electricity consumed | |
| | (ii) Water consumed | |
| | (iii) Fuels consumed | |
| | (iv) Raw materials and supplies consumed | |
| | (v) Services consumed | |
| | a. Industrial services | |
| | b. Non-industrial services | |
| E. | VALUE ADDED (V.A) | (C - D) |
| F. | COMPENSATION OF EMPLOYEES (C.E) | |
| G. | OTHER TAXES ON PRODUCTION | |
| H. | GROSS OPERATING SURPLUS | (E - F - G) |

4.1 Introduction

The survey provides benchmark data on the structure of the Manufacturing Sector for 2012. Taking into consideration the reliability and precision of the data and to ensure confidentiality of information at individual establishment level, data have been classified at 2-digit level of ISIC Revision 4.

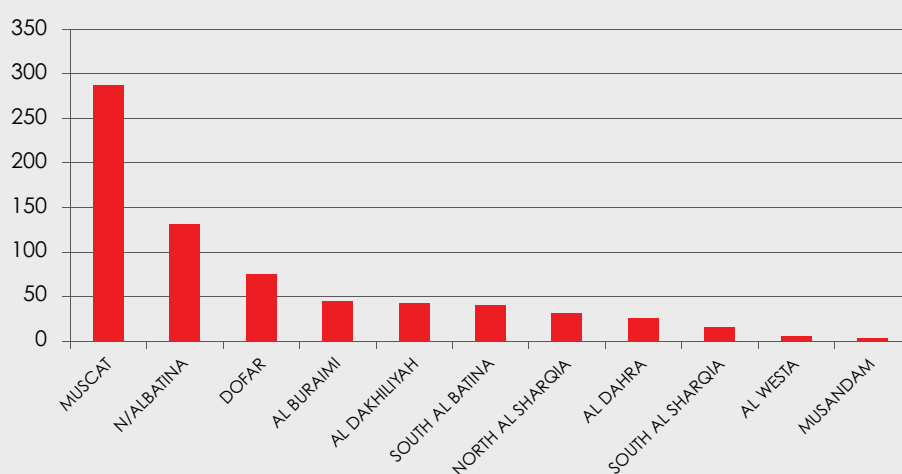
The Manufacturing Sector in the Sultanate of Oman is relatively small and, according to national accounts estimates compiled by the National Centre for Statistics and Information represents around 10% of GDP. Within manufacturing, activities are predominated by those related to production of chemical products, petrol refinery, manufacture of basic metal and those of non-metallic mineral products.

4.2 Number of establishments

The number of large and middle scale manufacturing establishments operating in the Sultanate of Oman stood at 701 in 2012. The highest concentration of such establishments was, by far, in Muscat with 286 followed by North Albatina (131), Dofar (75), Al Buraimi (46), Al Dakhilyah (42) and South Al Batina with 40 establishments (Table 1.1 and Chart 1).

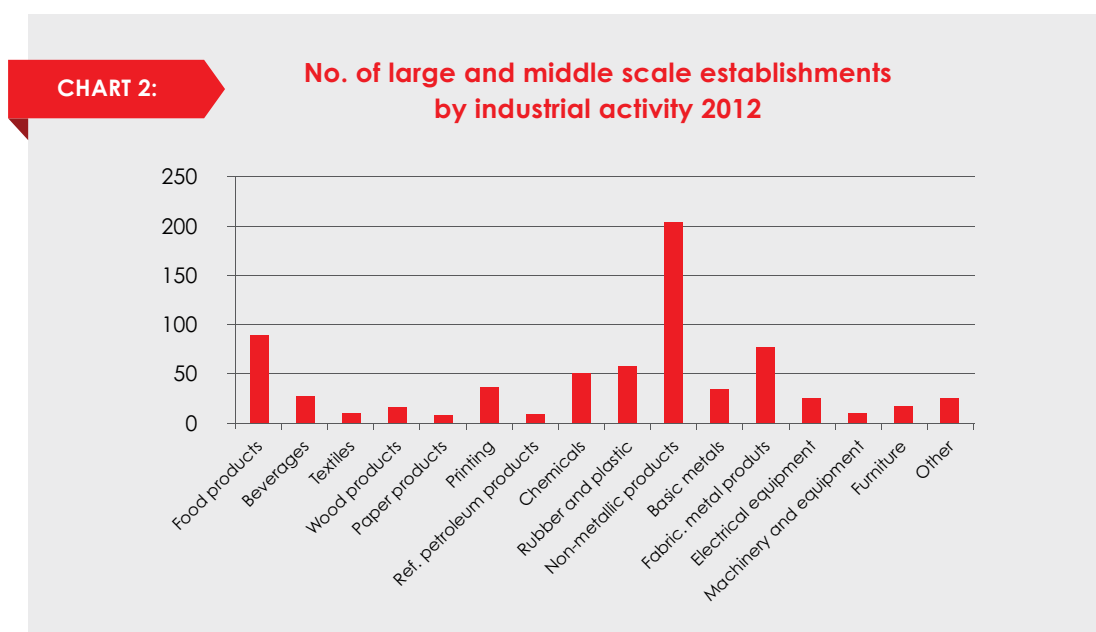
CHART 1:

No. of large and middle scale establishments by region 2012



Out of the 701 large manufacturing establishments in 2012, there were 204 operating in the “Manufacture of other non-metallic mineral products” followed by the food sector with 90 establishments. Other important sub-sectors in terms of number of establishments were “Manufacture of fabricated metal products” (78), “Manufacture of rubber and plastics” (58), “Manufacture

of chemical and chemical products” (50) “Printing and reproduction of recorded media” (37), “Manufacture of basic metals” (34) “Manufacture of beverages” (28) and “Manufacture of electrical equipment” (25). Table 1.3 and Chart 2 give more details on the number of industrial establishments by industry group.



There were 22 establishments with more than 500 workers. 10 of them were in Muscat and 7 in North Albatina. The majority of establishments (242) were operating with 20 but less than 50 workers compared to 174 with 10 but less than 20 workers. 112 establishments were in the 50 to 99 bracket and 147 with 100 but less than 500 workers (Tables 1.3 and 1.4).

An analysis by legal type of organisation existing in the country (Table 1.5) reveals that 444 large manufacturing establishments were operating as “Limited Liability Company” with

an additional 125 as “Sole Proprietorship”. 72 were “Joint Stock Companies” compared to 31 in “General Partnership” and 29 in “Limited Partnership”.

A total of 249 large and middle scale establishments, of which 76 in Muscat, started operation during the 2000 to 2009 period. More recently (since 2010), there were 113 establishments that have started operation. It's worth noting that among the 701 manufacturing establishments; there are only two that are still operating since the 1970's. Other details are given in Table 1.7.

4.3 Employment and Compensation of employees

The total number of persons engaged in the 701 **large and middle scale** manufacturing establishments stood at 71,334 of whom 68,036 were males (Table 2.1). Establishments in Muscat employed the highest number of workers (34,688) representing nearly half of the total. Other provinces which had relatively significant number of workers were North Albatina (19,818), Dofar (5,227) and Al Dakhiliyah (3,723). Employment in large establishments of the other regions totalled 7,872 and ranged between 520 in Al Wesba to 2,362 in Al Buraima (Table 2.4).

Establishments which were owned by Omanis employed 46,831 compared to 1,917 by the foreign ones. Those jointly owned by Omanis and foreigners had 22,586 workers. On the other hand, establishments operating within industrial estates employed 32,428 workers compared to 38,906 for those operating outside industrial estates (Table 2.7).

45% of the workers (32,600) were employed by the 151 large establishments operating with 100 to less than 500 workers. The 22 establishments in the largest category, i.e. with 500 or more workers had, in total, 20,773 workers, mostly in Muscat and North Albatina (Tables 2.3 and 2.4).

Out of the 71,334 workers, 15,332 were in "Manufacture of other non-metallic mineral products". The other important industry sub-groups in terms of employment were "Manufacture of food products" (9,119), "Manufacture of fabricated metal products" (8,557), "Manufacture of basic metals" (8,231), "Manufacture of chemicals and chemical products" (4,877), "Manufacture of rubber and plastics" (4,431), and "Manufacture of electrical equipment" (3,164). Details of employment by detailed industry group are shown in Table 2.1.

Establishments which started operation before 1990 employed 22,049 workers. The presently large establishments which started operation during the period 2000 to 2009 were employing 25,551 workers compared to 16,786 during 1990 to 1999. After 2009, the 113 relatively new manufacturing establishments were employing 4,434 workers at the end of 2012 (Table 2.6).

From 30th June 2012, the number of persons engaged increased from 63,285 to 71,334 (+12.7% or 8,049) at the end of December 2012. Table 2.9 give the details by industry region.

Table 2.8 (a, b, c) shows the distribution of the workers by employment status and sex. Out of the 71,334 workers, there were 68,036 males constituting around 95% of the workforce. 69,863 were salaried employees comprising 12,895 managerial and professional staff, 53,071 operatives of whom 33,805 skilled ones and 3,896 falling in the other category. There were a total 49,401 foreign workers representing nearly 70% of the total. Around 500 of them were females (Table 2.9).

In 2012, the large and middle scale manufacturing establishments paid a total of 413.8 million Omani Rials (OMR) as compensations to the 69,863 employees. The average compensation per employee works out to around OMR 5,923, i.e. OMR 493 per month (Tables S.1 and S.2). The highest compensations were paid by establishments in "Manufacture of chemicals and chemical products" (OMR 12,552 per employee per year) followed by establishments operating in "Manufacture of coke and refined petroleum products" (OMR. 10,163) and "Manufacture of machinery and equipment" (OMR 9,001). The lowest compensations were paid by establishments operating in "Other manufacturing" (OMR 2,179) followed closely by "Manufacture of transport equipment" (OMR 2,187). Detailed

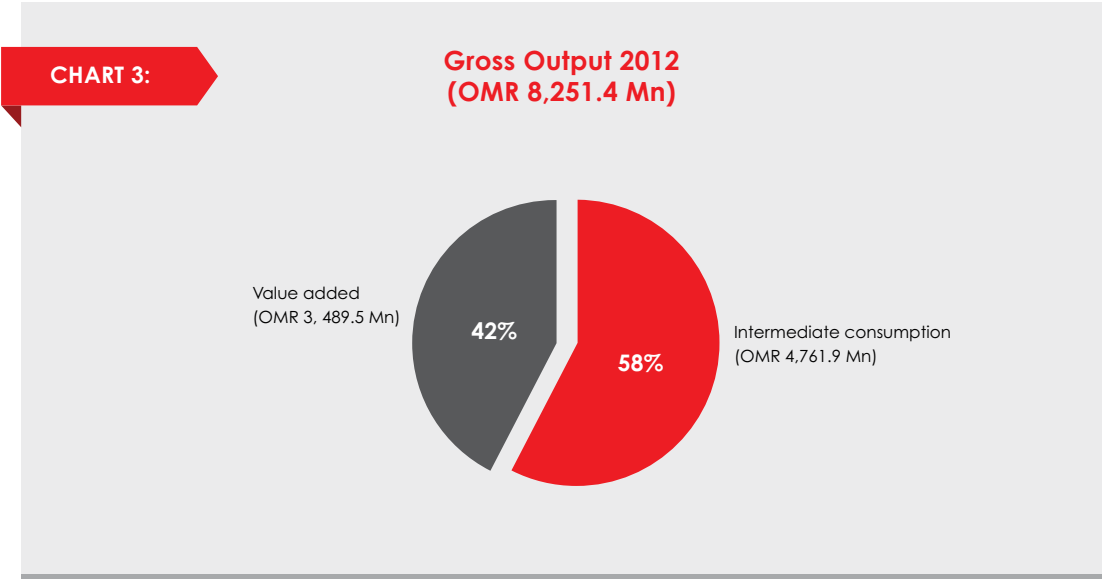
compensation of employees by industry is given in Table 3.1.

4.4 Output

The gross output or total value of goods and services produced by the manufacturing establishments amounted to OMR 8,251.4 million in 2012 (See Table 5.1). Sales of goods amounted to OMR 7,990.9 million of which over 50% or OMR 4,165.0 million were from exports. Exports of chemical and chemical products represent OMR 2,190.7 million or 52% of the total manufacturing exports in 2012 followed by exports of basic metals with OMR 709.9 million (17.0%) and exports of refined petroleum products (OMR 503.5 million or 12.1%)

Total cost of production, i.e. intermediate consumption amounted to OMR 4,761.9 million. Raw Materials purchased stood at

OMR 4,369.8 million of which OMR 2,020.1 million were imported by the large and middle scale manufacturing establishments. Electricity, water and fuels amounted to OMR 176.8 million. However, of these purchases, OMR 70.6 million went stocks. Other main components of intermediate consumption were as follows: consumption of industrial services amounted to OMR 151.0 million compared to OMR 104.5 million for non-industrial services. A breakdown of intermediate consumption by industrial activity is given in Table 4.1. More details with regards to "Electricity, water and fuels" as well as industrial and non-industrial services are given in Tables 4.2 to 4.4.

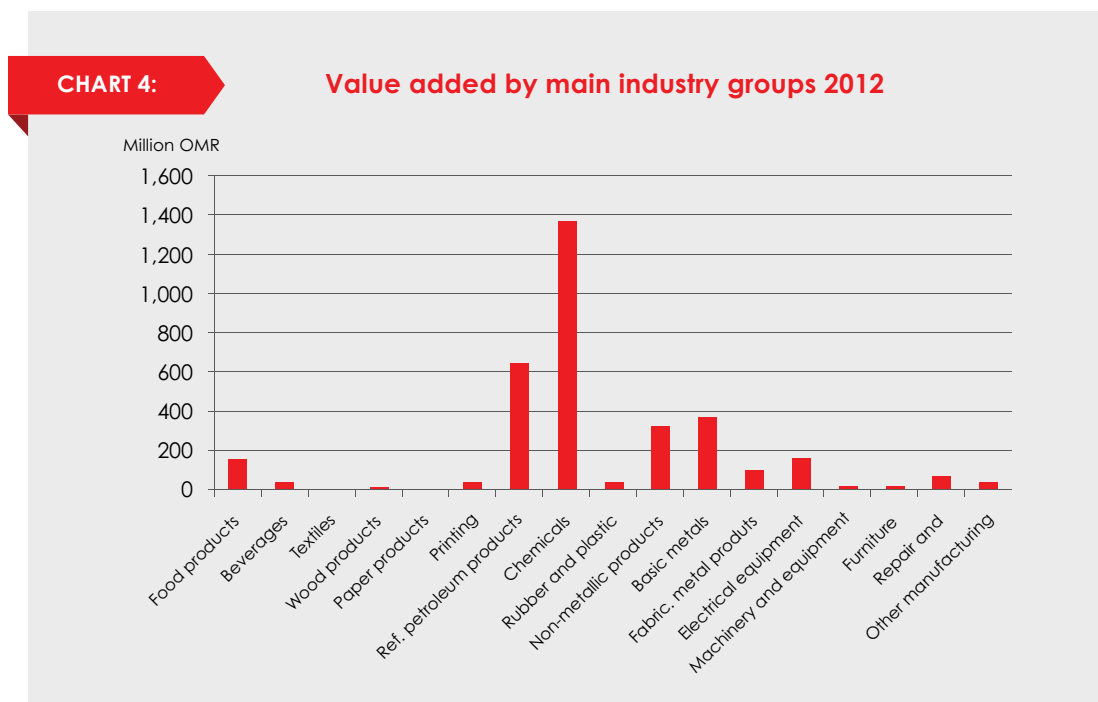


After deduction of intermediate consumption from gross output, value added which measures the contribution of the manufacturing sector to GDP, works out to OMR 3,489.5 million in 2012 (Table 8.1) compared to an estimated OMR 2,692.3 million in 2011 (Table 8.2).

Out of the value added generated by large and middle scale manufacturing enterprises in 2012, OMR 8.4 million was paid by the manufacturing establishments to the Government as taxes on production (licenses, permits) but, on the other hand, Government also granted subsidies amounting to OMR 20.6 million to manufacturing establishments. OMR 413.8 million was paid to employees as salaries and wages (compensation of employees). The remainder represents gross operating surplus

(or gross profits) and amounted to OMR 3,087.9 million. This value is the gross amount that went to employers as remuneration for their capital.

An analysis of value added by industry group shows that around 58% of total value added generated by large and middle scale establishments in 2012 came from the following two industry groups: "Manufacture of refined petroleum products" (OMR 653.3 million) and "Manufacture of chemicals and chemical products" (OMR 1,377.7 million). Other important industry groups generating significant value added are "Manufacture of non-metallic mineral products" (OMR 329.7 million) and "Manufacture of basic metals" (OMR 377.1 million). The chart below shows value added by main industry groups in 2012.



4.5 Value of fixed assets

The total value of fixed assets held by large and middle scale industrial establishments at the end of 2012 was OMR 3,384.6 million. The value takes account of depreciation during the year. Machinery and other equipment accounted for around 75% of the total. Net investment during the year amounted to OMR 252.0 million mainly resulting from purchase of machinery and equipment (including transport) and construction of buildings. The value of fixed assets and net investment by industrial activity and type is given in Tables 7.1 and 7.2.

4.6 Operation ratios

Value added to gross output ratio works out to 42.3% for the large and middle scale Manufacturing Sector in 2012 which is quite high. The ratio ranges from 22.1% for the other

manufacturing sector to 65.2% for "Printing and reproduction of recorded media". However, the highest ratio (90.4%) is in "Repair and installation of machinery and equipment" which is considered manufacturing although more characterised as being engaged in services.

Average gross output per establishment was around OMR 11.8 million in 2012 (Table S.2). This figure is affected by the petroleum refinery sector where the gross output per establishment is as high as OMR 247.1 million. Excluding the latter, the figure works out to OMR 8.7 million.

Compensation of employees represented 11.9% of value added in 2012.

Tables S.1 and S.2 give the most important indicators and technical ratios for the Manufacturing Sector.





STATISTICAL TABLES

Annual Industrial Survey, 2013

(Large and middle scale manufacturing establishments)

Table S.1: Principal indicators by industrial activity (ISIC R4), 2012 - Manufacturing Sector*

| ISIC R4 | Description | No. of estab. | No of workers | | Gross output | | Value added (basic prices) | | Compensation of employees | |
|-----------------------------|--|---------------|---------------|--------------|----------------------|--------------|----------------------------|--------------|---------------------------|--------------|
| | | | Total | | Value | % | Value | % | Value | % |
| | | | Number | % | | | | | | |
| 10 | Manufacture of food products | 90 | 9,119 | 12.8 | 509,592,654 | 6.2 | 157,541,081 | 4.5 | 42,736,455 | 10.3 |
| 11 | Manufacture of beverages | 28 | 2,832 | 4.0 | 100,283,369 | 1.2 | 42,475,786 | 1.2 | 15,177,427 | 3.7 |
| 13 | Manufacture of textiles | 10 | 669 | 0.9 | 20,826,105 | 0.3 | 7,990,106 | 0.2 | 2,960,076 | 0.7 |
| 14 | Manufacture of wearing apparel | 4 | 711 | 1.0 | 5,272,178 | 0.1 | 2,243,030 | 0.1 | 1,775,271 | 0.4 |
| 15 | Manufacture of leather and related products | 2 | 149 | 0.2 | 2,368,912 | 0.0 | 1,108,838 | 0.0 | 436,149 | 0.1 |
| 16 | Manufacture of wood products except furniture | 17 | 2,611 | 3.7 | 33,917,831 | 0.4 | 14,996,978 | 0.4 | 7,265,053 | 1.8 |
| 17 | Manufacture of paper and paper products | 9 | 496 | 0.7 | 31,530,191 | 0.4 | 7,814,442 | 0.2 | 2,941,162 | 0.7 |
| 18 | Printing and reproduction of recorded media | 37 | 1,621 | 2.3 | 60,517,264 | 0.7 | 39,473,088 | 1.1 | 7,085,159 | 1.7 |
| 19 | Manufacture of coke and refined petroleum products | 9 | 1,914 | 2.7 | 2,224,114,413 | 27.0 | 653,255,785 | 18.7 | 19,370,399 | 4.7 |
| 20 | Manufacture of chemicals and chemical products | 50 | 4,877 | 6.8 | 2,344,882,876 | 28.4 | 1,377,663,589 | 39.5 | 60,664,729 | 14.7 |
| 21 | Man. of pharmaceuticals, medicinal chemical and botanical products | 3 | 670 | 0.9 | 32,535,756 | 0.4 | 15,954,071 | 0.5 | 4,582,927 | 1.1 |
| 22 | Manufacture of rubber and plastics products | 58 | 4,431 | 6.2 | 137,904,405 | 1.7 | 40,366,781 | 1.2 | 19,706,615 | 4.8 |
| 23 | Manufacture of other non-metallic mineral products | 204 | 15,332 | 21.5 | 721,113,344 | 8.7 | 329,692,462 | 9.4 | 68,516,630 | 16.6 |
| 24 | Manufacture of basic metals | 34 | 8,231 | 11.5 | 1,077,041,564 | 13.1 | 377,084,930 | 10.8 | 68,225,204 | 16.5 |
| 25 | Man. of fabricated metal products, except machinery and equipment | 78 | 8,557 | 12.0 | 233,172,193 | 2.8 | 105,010,479 | 3.0 | 43,639,837 | 10.5 |
| 26 | Manufacture of computer, electronic and optical products | 4 | 353 | 0.5 | 44,769,636 | 0.5 | 15,909,179 | 0.5 | 2,093,274 | 0.5 |
| 27 | Manufacture of electrical equipment | 25 | 3,164 | 4.4 | 471,921,602 | 5.7 | 170,183,033 | 4.9 | 22,265,076 | 5.4 |
| 28 | Manufacture of machinery and equipment n.e.c. | 10 | 701 | 1.0 | 40,793,465 | 0.5 | 24,042,516 | 0.7 | 6,255,694 | 1.5 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 3 | 133 | 0.2 | 8,001,480 | 0.1 | 3,034,413 | 0.1 | 496,458 | 0.1 |
| 30 | Manufacture of other transport equipment | 2 | 474 | 0.7 | 2,403,857 | 0.0 | 920,914 | 0.0 | 888,344 | 0.2 |
| 31 | Manufacture of furniture | 17 | 2,927 | 4.1 | 53,438,210 | 0.6 | 24,878,605 | 0.7 | 10,545,016 | 2.5 |
| 32 | Other manufacturing | 2 | 92 | 0.1 | 11,725,755 | 0.1 | 2,596,750 | 0.1 | 189,549 | 0.0 |
| 33 | Repair and installation of machinery and equipment | 5 | 1,270 | 1.8 | 83,274,241 | 1.0 | 75,240,087 | 2.2 | 5,977,814 | 1.4 |
| Manufacturing Sector | | 701 | 71,334 | 100.0 | 8,251,401,302 | 100.0 | 3,489,476,942 | 100.0 | 413,794,317 | 100.0 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table S.2: Operation ratios by industrial activity (ISIC R4), 2012 - Manufacturing Sector*

Value in R.O

| ISIC R4 | Description | Number of establ. | Gross output (GO) per | | Value added (bp1) as a % of GO | Value added (bp1) per | | Compensation of employees | |
|-----------------------------|--|-------------------|-----------------------|----------------|--------------------------------|-----------------------|---------------|---------------------------|--------------|
| | | | establishment | worker | | establishment | worker | per employee | as a % of VA |
| 10 | Manufacture of food products | 90 | 5,662,141 | 55,883 | 30.9 | 1,750,456 | 17,276 | 4,733 | 27.1 |
| 11 | Manufacture of beverages | 28 | 3,581,549 | 35,411 | 42.4 | 1,516,992 | 14,999 | 5,413 | 35.7 |
| 13 | Manufacture of textiles | 10 | 2,082,611 | 31,130 | 38.4 | 799,011 | 11,943 | 4,486 | 37.0 |
| 14 | Manufacture of wearing apparel | 4 | 1,318,045 | 7,415 | 42.5 | 560,758 | 3,155 | 2,532 | 79.1 |
| 15 | Manufacture of leather and related products | 2 | 1,184,456 | 15,899 | 46.8 | 554,419 | 7,442 | 2,987 | 39.3 |
| 16 | Manufacture of wood products except furniture | 17 | 1,995,167 | 12,990 | 44.2 | 882,175 | 5,744 | 2,878 | 48.4 |
| 17 | Manufacture of paper and paper products | 9 | 3,503,355 | 63,569 | 24.8 | 868,271 | 15,755 | 6,102 | 37.6 |
| 18 | Printing and reproduction of recorded media | 37 | 1,635,602 | 37,333 | 65.2 | 1,066,840 | 24,351 | 4,485 | 17.9 |
| 19 | Manufacture of coke and refined petroleum products | 9 | 247,123,824 | 1,162,024 | 29.4 | 72,583,976 | 341,304 | 10,163 | 3.0 |
| 20 | Manufacture of chemicals and chemical products | 50 | 46,897,658 | 480,804 | 58.8 | 27,553,272 | 282,482 | 12,552 | 4.4 |
| 21 | Man. of pharmaceuticals, medicinal chemical and botanical products | 3 | 10,845,252 | 48,561 | 49.0 | 5,318,024 | 23,812 | 6,850 | 28.7 |
| 22 | Manufacture of rubber and plastics products | 58 | 2,377,662 | 31,123 | 29.3 | 695,979 | 9,110 | 4,513 | 48.8 |
| 23 | Manufacture of other non-metallic mineral products | 204 | 3,534,869 | 47,033 | 45.7 | 1,616,140 | 21,504 | 4,716 | 20.8 |
| 24 | Manufacture of basic metals | 34 | 31,677,693 | 130,852 | 35.0 | 11,090,733 | 45,813 | 8,333 | 18.1 |
| 25 | Man. of fabricated metal products, except machinery and equipment | 78 | 2,989,387 | 27,249 | 45.0 | 1,346,288 | 12,272 | 5,160 | 41.6 |
| 26 | Manufacture of computer, electronic and optical products | 4 | 11,192,409 | 126,826 | 35.5 | 3,977,295 | 45,068 | 5,964 | 13.2 |
| 27 | Manufacture of electrical equipment | 25 | 18,876,864 | 149,153 | 36.1 | 6,807,321 | 53,787 | 7,064 | 13.1 |
| 28 | Manufacture of machinery and equipment n.e.c. | 10 | 4,079,347 | 58,193 | 58.9 | 2,404,252 | 34,297 | 9,001 | 26.0 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 3 | 2,667,160 | 60,162 | 37.9 | 1,011,471 | 22,815 | 3,733 | 16.4 |
| 30 | Manufacture of other transport equipment | 2 | 1,201,929 | 5,071 | 38.3 | 460,457 | 1,943 | 2,187 | 96.5 |
| 31 | Manufacture of furniture | 17 | 3,143,424 | 18,257 | 46.6 | 1,463,447 | 8,500 | 3,630 | 42.4 |
| 32 | Other manufacturing | 2 | 5,862,878 | 127,454 | 22.1 | 1,298,375 | 28,226 | 2,179 | 7.3 |
| 33 | Repair and installation of machinery and equipment | 5 | 16,654,848 | 65,570 | 90.4 | 15,048,017 | 59,244 | 4,737 | 7.9 |
| Manufacturing Sector | | 701 | 11,770,901 | 115,673 | 42.3 | 4,977,856 | 48,917 | 5,923 | 11.9 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers
1 basic prices

Table S.3: Principal indicators by industrial activity (ISIC R4), 2011 - Manufacturing Sector*

Value in R.O

| ISIC R4 | Description | No. of estab. | Estimated no. of workers | | Gross output | | Value added (basic prices) | | Compensation of employees | |
|-----------------------------|--|---------------|--------------------------|--------------|----------------------|--------------|----------------------------|--------------|---------------------------|--------------|
| | | | Number | % | Value | % | Value | % | Value | % |
| 10 | Manufacture of food products | 90 | 8,721 | 13.9 | 479,896,412 | 7.2 | 148,360,458 | 5.5 | 40,246,010 | 11.5 |
| 11 | Manufacture of beverages | 31 | 2,862 | 4.6 | 100,753,893 | 1.5 | 42,675,080 | 1.6 | 15,248,638 | 4.4 |
| 13 | Manufacture of textiles | 4 | 775 | 1.2 | 24,188,248 | 0.4 | 9,280,019 | 0.3 | 3,437,947 | 1.0 |
| 14 | Manufacture of wearing apparel | 3 | 637 | 1.0 | 4,735,662 | 0.1 | 2,014,771 | 0.1 | 1,594,613 | 0.5 |
| 15 | Manufacture of leather and related products | 2 | 136 | 0.2 | 2,167,816 | 0.0 | 1,014,709 | 0.0 | 399,124 | 0.1 |
| 16 | Manufacture of wood products except furniture | 11 | 4,764 | 7.6 | 59,677,612 | 0.9 | 26,386,824 | 1.0 | 12,782,686 | 3.7 |
| 17 | Manufacture of paper and paper products | 12 | 612 | 1.0 | 37,216,703 | 0.6 | 9,223,787 | 0.3 | 3,471,604 | 1.0 |
| 18 | Printing and reproduction of recorded media | 30 | 1,308 | 2.1 | 48,129,592 | 0.7 | 31,393,085 | 1.2 | 5,634,851 | 1.6 |
| 19 | Manufacture of coke and refined petroleum products | 18 | 1,670 | 2.7 | 1,892,966,784 | 28.6 | 555,992,756 | 20.7 | 16,486,347 | 4.7 |
| 20 | Manufacture of chemicals and chemical products | 53 | 3,304 | 5.3 | 1,527,687,575 | 23.1 | 897,545,702 | 33.3 | 39,522,977 | 11.3 |
| 21 | Man. of pharmaceuticals, medicinal chemical and botanical products | 3 | 598 | 1.0 | 28,574,994 | 0.4 | 14,011,891 | 0.5 | 4,025,021 | 1.2 |
| 22 | Manufacture of rubber and plastics products | 55 | 3,774 | 6.0 | 119,134,787 | 1.8 | 34,872,620 | 1.3 | 17,024,426 | 4.9 |
| 23 | Manufacture of other non-metallic mineral products | 189 | 12,615 | 20.1 | 598,289,406 | 9.0 | 273,537,453 | 10.2 | 56,846,506 | 16.3 |
| 24 | Manufacture of basic metals | 21 | 6,363 | 10.1 | 875,308,276 | 13.2 | 306,455,731 | 11.4 | 55,446,408 | 15.9 |
| 25 | Man. of fabricated metal products, except machinery and equipment | 64 | 5,443 | 8.7 | 155,923,943 | 2.4 | 70,221,272 | 2.6 | 29,182,277 | 8.4 |
| 26 | Manufacture of computer, electronic and optical products | 2 | 353 | 0.6 | 47,065,515 | 0.7 | 16,725,034 | 0.6 | 2,200,621 | 0.6 |
| 27 | Manufacture of electrical equipment | 23 | 2,846 | 4.5 | 446,259,555 | 6.7 | 160,928,858 | 6.0 | 21,054,350 | 6.0 |
| 28 | Manufacture of machinery and equipment n.e.c. | 10 | 621 | 1.0 | 37,991,236 | 0.6 | 22,390,962 | 0.8 | 5,825,971 | 1.7 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 4 | 446 | 0.7 | 28,208,033 | 0.4 | 10,697,373 | 0.4 | 1,750,190 | 0.5 |
| 30 | Manufacture of other transport equipment | 4 | 960 | 1.5 | 5,118,242 | 0.1 | 1,960,791 | 0.1 | 1,891,443 | 0.5 |
| 31 | Manufacture of furniture | 25 | 3,496 | 5.6 | 62,589,273 | 0.9 | 29,138,959 | 1.1 | 12,350,805 | 3.5 |
| 32 | Other manufacturing | 6 | 92 | 0.1 | 11,870,901 | 0.2 | 2,628,894 | 0.1 | 191,895 | 0.1 |
| 33 | Repair and installation of machinery and equipment | 3 | 437 | 0.7 | 27,450,731 | 0.4 | 24,802,332 | 0.9 | 1,970,542 | 0.6 |
| Manufacturing Sector | | 663 | 62,833 | 100.0 | 6,621,205,188 | 100.0 | 2,692,259,361 | 100.0 | 348,585,255 | 100.0 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table S.4: Operation ratios by industrial activity (ISIC R4), 2011 - Manufacturing Sector*

Value in R.O

| ISIC R4 | Description | Number of establi. | Gross output (GO) per | | Value added (bp1) as a % of GO | Value added (bp1) per | | Compensation of employees | |
|-----------------------------|--|--------------------|-----------------------|----------------|--------------------------------|-----------------------|---------------|---------------------------|--------------|
| | | | establishment | worker | | establishment | worker | per employee | as a % of VA |
| 10 | Manufacture of food products | 90 | 5,332,182 | 55,028 | 30.9 | 1,648,450 | 17,012 | 4,615 | 27.1 |
| 11 | Manufacture of beverages | 31 | 3,250,126 | 35,204 | 42.4 | 1,376,615 | 14,911 | 5,328 | 35.7 |
| 13 | Manufacture of textiles | 4 | 6,047,062 | 31,211 | 38.4 | 2,320,005 | 11,974 | 4,436 | 37.0 |
| 14 | Manufacture of wearing apparel | 3 | 1,578,554 | 7,434 | 42.5 | 671,590 | 3,163 | 2,503 | 79.1 |
| 15 | Manufacture of leather and related products | 2 | 1,083,908 | 15,940 | 46.8 | 507,354 | 7,461 | 2,935 | 39.3 |
| 16 | Manufacture of wood products except furniture | 11 | 5,425,237 | 12,527 | 44.2 | 2,398,802 | 5,539 | 2,683 | 48.4 |
| 17 | Manufacture of paper and paper products | 12 | 3,101,392 | 60,812 | 24.8 | 768,649 | 15,072 | 5,673 | 37.6 |
| 18 | Printing and reproduction of recorded media | 30 | 1,604,320 | 36,796 | 65.2 | 1,046,436 | 24,001 | 4,308 | 17.9 |
| 19 | Manufacture of coke and refined petroleum products | 18 | 105,164,821 | 1,133,513 | 29.4 | 30,888,486 | 332,930 | 9,872 | 3.0 |
| 20 | Manufacture of chemicals and chemical products | 53 | 28,824,294 | 462,375 | 58.8 | 16,934,825 | 271,654 | 11,962 | 4.4 |
| 21 | Man. of pharmaceuticals, medicinal chemical and botanical products | 3 | 9,524,998 | 47,784 | 49.0 | 4,670,630 | 23,431 | 6,731 | 28.7 |
| 22 | Manufacture of rubber and plastics products | 55 | 2,166,087 | 31,567 | 29.3 | 634,048 | 9,240 | 4,511 | 48.8 |
| 23 | Manufacture of other non-metallic mineral products | 189 | 3,165,552 | 47,427 | 45.7 | 1,447,288 | 21,684 | 4,506 | 20.8 |
| 24 | Manufacture of basic metals | 21 | 41,681,346 | 137,562 | 35.0 | 14,593,130 | 48,162 | 8,714 | 18.1 |
| 25 | Man. of fabricated metal products, except machinery and equipment | 64 | 2,436,312 | 28,647 | 45.0 | 1,097,207 | 12,901 | 5,361 | 41.6 |
| 26 | Manufacture of computer, electronic and optical products | 2 | 23,532,757 | 133,330 | 35.5 | 8,362,517 | 47,380 | 6,234 | 13.2 |
| 27 | Manufacture of electrical equipment | 23 | 19,402,589 | 156,802 | 36.1 | 6,996,907 | 56,546 | 7,398 | 13.1 |
| 28 | Manufacture of machinery and equipment n.e.c. | 10 | 3,799,124 | 61,178 | 58.9 | 2,239,096 | 36,056 | 9,382 | 26.0 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 4 | 7,052,008 | 63,247 | 37.9 | 2,674,343 | 23,985 | 3,924 | 16.4 |
| 30 | Manufacture of other transport equipment | 4 | 1,279,560 | 5,332 | 38.3 | 490,198 | 2,042 | 1,970 | 96.5 |
| 31 | Manufacture of furniture | 25 | 2,503,571 | 17,903 | 46.6 | 1,165,558 | 8,335 | 3,533 | 42.4 |
| 32 | Other manufacturing | 6 | 1,978,484 | 129,032 | 22.1 | 438,149 | 28,575 | 2,086 | 7.3 |
| 33 | Repair and installation of machinery and equipment | 3 | 9,150,244 | 62,816 | 90.4 | 8,267,444 | 56,756 | 4,509 | 7.9 |
| Manufacturing Sector | | 663 | 9,986,735 | 105,378 | 40.7 | 4,060,723 | 42,848 | 5,548 | 12.9 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers
1 basic prices

5. STATISTICAL TABLES, ANNUAL INDUSTRIAL SURVEY, 2013

Table 1.1: No. of establishments by industrial activity and region, 2012 - Manufacturing Sector*

| ISIC R4 | Description | Geographical region | | | | | | | | | | | |
|-----------------------------|---|---------------------|-----------------|----------|----------------|----------|-----------|------------|---------------|------------------|------------------|-----------|-------------------|
| | | Muscat | South Al Bafina | Al Westa | North Albatina | Musandam | Al Dhira | Al Buraimi | Al Dakhiliyah | South Al Sharqia | North Al Sharqia | Dofar | Sultanate Of Oman |
| 10 | Manufacture of food products | 28 | 6 | 1 | 15 | 1 | 2 | 5 | 4 | 4 | 8 | 16 | 90 |
| 11 | Manufacture of beverages | 6 | 2 | 3 | 0 | 1 | 1 | 1 | 2 | 3 | 5 | 4 | 28 |
| 13 | Manufacture of textiles | 6 | 1 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 10 |
| 14 | Manufacture of wearing apparel | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 15 | Manufacture of leather and related products | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 16 | Manufacture of wood products except furniture | 8 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 1 | 1 | 1 | 17 |
| 17 | Manufacture of paper and paper products | 6 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 9 |
| 18 | Printing and reproduction of recorded media | 26 | 0 | 0 | 3 | 0 | 0 | 1 | 1 | 1 | 0 | 5 | 37 |
| 19 | Manufacture of coke and refined petroleum products | 2 | 0 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 9 |
| 20 | Manufacture of chemicals and chemical products | 29 | 3 | 0 | 12 | 0 | 0 | 1 | 0 | 0 | 3 | 2 | 50 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 3 |
| 22 | Manufacture of rubber and plastics products | 25 | 1 | 0 | 8 | 0 | 1 | 6 | 3 | 0 | 6 | 8 | 58 |
| 23 | Manufacture of other non-metallic mineral products | 48 | 16 | 0 | 38 | 2 | 18 | 21 | 21 | 6 | 7 | 27 | 204 |
| 24 | Manufacture of basic metals | 9 | 2 | 0 | 14 | 0 | 0 | 1 | 2 | 1 | 0 | 5 | 34 |
| 25 | Man. of fabricated metal products, exc. machinery and equipment | 37 | 8 | 0 | 19 | 0 | 0 | 3 | 7 | 0 | 0 | 4 | 78 |
| 26 | Manufacture of computer, electronic and optical products | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 27 | Manufacture of electrical equipment | 18 | 0 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 25 |
| 28 | Manufacture of machinery and equipment n.e.c. | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 10 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 30 | Manufacture of other transport equipment | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 31 | Manufacture of furniture | 10 | 0 | 0 | 4 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 17 |
| 32 | Other manufacturing | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 33 | Repair and installation of machinery and equipment | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Manufacturing Sector | | 286 | 40 | 5 | 131 | 4 | 25 | 46 | 42 | 16 | 31 | 75 | 701 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table 1.3: No. of establishments by industrial activity (ISIC R4) and employment size, 2012 - Manufacturing Sector*

| ISIC R4 | Description | Employment size | | | | | Total |
|-----------------------------|--|-----------------|------------|------------|------------|-----------|------------|
| | | < 20 | 20 - 49 | 50 - 99 | 100 - 499 | >= 500 | |
| 10 | Manufacture of food products | 25 | 31 | 8 | 22 | 4 | 90 |
| 11 | Manufacture of beverages | 11 | 7 | 3 | 6 | 1 | 28 |
| 13 | Manufacture of textiles | 2 | 3 | 3 | 2 | 0 | 10 |
| 14 | Manufacture of wearing apparel | 0 | 1 | 0 | 3 | 0 | 4 |
| 15 | Manufacture of leather and related products | 0 | 0 | 2 | 0 | 0 | 2 |
| 16 | Manufacture of wood products except furniture | 9 | 3 | 2 | 2 | 1 | 17 |
| 17 | Manufacture of paper and paper products | 1 | 3 | 4 | 1 | 0 | 9 |
| 18 | Printing and reproduction of recorded media | 12 | 15 | 7 | 3 | 0 | 37 |
| 19 | Manufacture of coke and refined petroleum products | 0 | 7 | 1 | 0 | 1 | 9 |
| 20 | Manufacture of chemicals and chemical products | 12 | 20 | 9 | 8 | 1 | 50 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 0 | 0 | 0 | 3 | 0 | 3 |
| 22 | Manufacture of rubber and plastics products | 22 | 13 | 11 | 11 | 1 | 58 |
| 23 | Manufacture of other non-metallic mineral products | 43 | 87 | 34 | 35 | 5 | 204 |
| 24 | Manufacture of basic metals | 7 | 8 | 4 | 12 | 3 | 34 |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 19 | 26 | 11 | 20 | 2 | 78 |
| 26 | Manufacture of computer, electronic and optical products | 0 | 2 | 0 | 2 | 0 | 4 |
| 27 | Manufacture of electrical equipment | 4 | 6 | 5 | 9 | 1 | 25 |
| 28 | Manufacture of machinery and equipment n.e.c. | 2 | 2 | 4 | 2 | 0 | 10 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 0 | 3 | 0 | 0 | 0 | 3 |
| 30 | Manufacture of other transport equipment | 1 | 0 | 0 | 1 | 0 | 2 |
| 31 | Manufacture of furniture | 2 | 4 | 3 | 7 | 1 | 17 |
| 32 | Other manufacturing | 1 | 0 | 1 | 0 | 0 | 2 |
| 33 | Repair and installation of machinery and equipment | 1 | 1 | 0 | 2 | 1 | 5 |
| Manufacturing Sector | | 174 | 242 | 112 | 151 | 22 | 701 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table 1.4: No. of establishments by geographical region and employment size, 2012 - Manufacturing Sector*

| Geographical region | Employment size | | | | | Total |
|---------------------|-----------------|------------|------------|------------|-----------|------------|
| | 10 - 19 | 30 - 49 | 50 - 99 | 100 - 499 | >= 500 | |
| Muscat | 47 | 84 | 60 | 85 | 10 | 286 |
| South Al Bafina | 16 | 16 | 4 | 4 | 0 | 40 |
| Al Westa | 3 | 1 | 0 | 1 | 0 | 5 |
| North Albatina | 20 | 49 | 20 | 35 | 7 | 131 |
| Musandam | 2 | 2 | 0 | 0 | 0 | 4 |
| Al Dahra | 10 | 10 | 2 | 2 | 1 | 25 |
| Al Buraimi | 19 | 16 | 7 | 3 | 1 | 46 |
| Al Dakhiliyah | 7 | 19 | 7 | 9 | 0 | 42 |
| South Al Sharqia | 10 | 6 | 0 | 0 | 0 | 16 |
| North Al Sharqia | 19 | 10 | 0 | 1 | 1 | 31 |
| Dofar | 21 | 29 | 12 | 11 | 2 | 75 |
| Total | 174 | 242 | 112 | 151 | 22 | 701 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table 1.5: No. of establishments by industrial activity (ISIC R4) and legal type of organisation, 2012 - Manufacturing Sector*

| ISIC R4 | Description | Legal type of organisation | | | | | Total |
|-----------------------------|---|----------------------------|---------------------------|---------------------|---------------------|---------------------|------------|
| | | Joint Stock Company | Limited Liability Company | Limited Partnership | General Partnership | Sole Proprietorship | |
| 10 | Manufacture of food products | 20 | 41 | 2 | 4 | 23 | 90 |
| 11 | Manufacture of beverages | 2 | 13 | 1 | 1 | 11 | 28 |
| 13 | Manufacture of textiles | 1 | 6 | 0 | 0 | 3 | 10 |
| 14 | Manufacture of wearing apparel | 0 | 3 | 0 | 0 | 1 | 4 |
| 15 | Manufacture of leather and related products | 0 | 2 | 0 | 0 | 0 | 2 |
| 16 | Manufacture of wood products except furniture | 0 | 8 | 1 | 1 | 7 | 17 |
| 17 | Manufacture of paper and paper products | 3 | 4 | 0 | 1 | 1 | 9 |
| 18 | Printing and reproduction of recorded media | 0 | 26 | 1 | 2 | 8 | 37 |
| 19 | Manufacture of coke and refined petroleum products | 1 | 6 | 1 | 0 | 1 | 9 |
| 20 | Manufacture of chemicals and chemical products | 12 | 29 | 1 | 3 | 5 | 50 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 1 | 2 | 0 | 0 | 0 | 3 |
| 22 | Manufacture of rubber and plastics products | 2 | 43 | 4 | 2 | 7 | 58 |
| 23 | Manufacture of other non-metallic mineral products | 18 | 124 | 11 | 10 | 41 | 204 |
| 24 | Manufacture of basic metals | 2 | 26 | 1 | 1 | 4 | 34 |
| 25 | Man. of fabricated metal products, exc. machinery and equipment | 2 | 59 | 4 | 4 | 9 | 78 |
| 26 | Manufacture of computer, electronic and optical products | 1 | 2 | 0 | 0 | 1 | 4 |
| 27 | Manufacture of electrical equipment | 4 | 20 | 1 | 0 | 0 | 25 |
| 28 | Manufacture of machinery and equipment n.e.c. | 1 | 8 | 0 | 1 | 0 | 10 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 0 | 2 | 0 | 0 | 1 | 3 |
| 30 | Manufacture of other transport equipment | 1 | 1 | 0 | 0 | 0 | 2 |
| 31 | Manufacture of furniture | 0 | 13 | 1 | 1 | 2 | 17 |
| 32 | Other manufacturing | 0 | 2 | 0 | 0 | 0 | 2 |
| 33 | Repair and installation of machinery and equipment | 1 | 4 | 0 | 0 | 0 | 5 |
| Manufacturing Sector | | 72 | 444 | 29 | 31 | 125 | 701 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table 1.6: No. of establishments by industrial activity (ISIC R4) and year started operation, 2012 - Manufacturing Sector*

| ISIC_R4 | Description | Year started of operation | | | | | | Total | |
|----------------------|--|---------------------------|-----------|-----------|-----------|-----------|------------|-------|-------|
| | | Before 1970 | 1970-1979 | 1980-1989 | 1990-1999 | 2000-2009 | After 2009 | | Other |
| 10 | Manufacture of food products | 0 | 7 | 19 | 33 | 15 | 14 | 2 | 90 |
| 11 | Manufacture of beverages | 0 | 2 | 1 | 4 | 16 | 4 | 1 | 28 |
| 13 | Manufacture of textiles | 0 | 0 | 2 | 1 | 5 | 2 | 0 | 10 |
| 14 | Manufacture of wearing apparel | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 4 |
| 15 | Manufacture of leather and related products | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 |
| 16 | Manufacture of wood products except furniture | 1 | 1 | 5 | 1 | 5 | 3 | 1 | 17 |
| 17 | Manufacture of paper and paper products | 0 | 0 | 2 | 5 | 2 | 0 | 0 | 9 |
| 18 | Printing and reproduction of recorded media | 0 | 7 | 9 | 11 | 8 | 2 | 0 | 37 |
| 19 | Manufacture of coke and refined petroleum products | 0 | 0 | 1 | 3 | 3 | 2 | 0 | 9 |
| 20 | Manufacture of chemicals and chemical products | 0 | 5 | 8 | 14 | 16 | 6 | 1 | 50 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 3 |
| 22 | Manufacture of rubber and plastics products | 0 | 3 | 6 | 16 | 25 | 8 | 0 | 58 |
| 23 | Manufacture of other non-metallic mineral products | 0 | 8 | 34 | 31 | 88 | 35 | 8 | 204 |
| 24 | Manufacture of basic metals | 0 | 1 | 7 | 6 | 11 | 9 | 0 | 34 |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 0 | 6 | 8 | 15 | 32 | 14 | 3 | 78 |
| 26 | Manufacture of computer, electronic and optical products | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 4 |
| 27 | Manufacture of electrical equipment | 0 | 0 | 5 | 9 | 5 | 6 | 0 | 25 |
| 28 | Manufacture of machinery and equipment n.e.c. | 0 | 0 | 2 | 6 | 1 | 1 | 0 | 10 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 3 |
| 30 | Manufacture of other transport equipment | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| 31 | Manufacture of furniture | 0 | 3 | 1 | 1 | 9 | 2 | 1 | 17 |
| 32 | Other manufacturing | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 |
| 33 | Repair and installation of machinery and equipment | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 5 |
| Manufacturing Sector | | 2 | 43 | 114 | 163 | 249 | 113 | 17 | 701 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table 1.7: No. of establishments by region and year started operation, 2012 - Manufacturing Sector*

| Geographical region | Year started of operation | | | | | | | | Total |
|--------------------------|---------------------------|-----------|------------|------------|------------|------------|-----------|------------|-------|
| | Before 1970 | 1970-1979 | 1980-1989 | 1990-1999 | 2000-2009 | After 2009 | Other1 | | |
| Muscat | 2 | 31 | 78 | 74 | 76 | 21 | 4 | 286 | |
| South AlBattina | 0 | 1 | 1 | 9 | 17 | 12 | 0 | 40 | |
| Al Westa | 0 | 0 | 0 | 0 | 2 | 1 | 2 | 5 | |
| North Albatfina | 0 | 2 | 10 | 29 | 53 | 30 | 7 | 131 | |
| Musandam | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 4 | |
| Al Dahra | 0 | 1 | 2 | 2 | 15 | 5 | 0 | 25 | |
| Al Buraimi | 0 | 2 | 6 | 6 | 18 | 14 | 0 | 46 | |
| Al Dakhiliyah | 0 | 2 | 3 | 6 | 18 | 10 | 3 | 42 | |
| South Al Sharaja | 0 | 0 | 2 | 2 | 8 | 4 | 0 | 16 | |
| North Al Sharaja | 0 | 1 | 3 | 9 | 12 | 5 | 1 | 31 | |
| Dofer | 0 | 3 | 9 | 25 | 29 | 9 | 0 | 75 | |
| Sultanate Of Oman | 2 | 43 | 114 | 163 | 249 | 113 | 17 | 701 | |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers
1 establishments that did not report year started operation

Table 1.8: No. of establishments by industrial activity and (i) location (ii) origin of ownership, 012 - Manufacturing Sector*

| ISIC R4 | Description | Location of operation | | | Origin of ownership | | | |
|-----------------------------|--|--------------------------|------------|------------|---------------------|-----------|------------|------------|
| | | Within industrial estate | Outside | Total | Omani | Foreign | Mixed | Total |
| 10 | Manufacture of food products | 29 | 61 | 90 | 75 | 0 | 15 | 90 |
| 11 | Manufacture of beverages | 6 | 22 | 28 | 26 | 0 | 2 | 28 |
| 13 | Manufacture of textiles | 6 | 4 | 10 | 9 | 0 | 1 | 10 |
| 14 | Manufacture of wearing apparel | 0 | 4 | 4 | 4 | 0 | 0 | 4 |
| 15 | Manufacture of leather and related products | 2 | 0 | 2 | 2 | 0 | 0 | 2 |
| 16 | Manufacture of wood products except furniture | 1 | 16 | 17 | 15 | 0 | 2 | 17 |
| 17 | Manufacture of paper and paper products | 5 | 4 | 9 | 5 | 0 | 4 | 9 |
| 18 | Printing and reproduction of recorded media | 6 | 31 | 37 | 32 | 0 | 5 | 37 |
| 19 | Manufacture of coke and refined petroleum products | 5 | 4 | 9 | 4 | 0 | 5 | 9 |
| 20 | Manufacture of chemicals and chemical products | 25 | 25 | 50 | 42 | 2 | 6 | 50 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 2 | 1 | 3 | 2 | 0 | 1 | 3 |
| 22 | Manufacture of rubber and plastics products | 26 | 32 | 58 | 43 | 2 | 13 | 58 |
| 23 | Manufacture of other non-metallic mineral products | 54 | 150 | 204 | 165 | 5 | 34 | 204 |
| 24 | Manufacture of basic metals | 16 | 18 | 34 | 21 | 4 | 9 | 34 |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 38 | 40 | 78 | 56 | 1 | 21 | 78 |
| 26 | Manufacture of computer, electronic and optical products | 2 | 2 | 4 | 2 | 0 | 2 | 4 |
| 27 | Manufacture of electrical equipment | 17 | 8 | 25 | 16 | 1 | 8 | 25 |
| 28 | Manufacture of machinery and equipment n.e.c. | 8 | 2 | 10 | 9 | 0 | 1 | 10 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 1 | 2 | 3 | 1 | 0 | 2 | 3 |
| 30 | Manufacture of other transport equipment | 0 | 2 | 2 | 2 | 0 | 0 | 2 |
| 31 | Manufacture of furniture | 7 | 10 | 17 | 9 | 0 | 8 | 17 |
| 32 | Other manufacturing | 0 | 2 | 2 | 1 | 0 | 1 | 2 |
| 33 | Repair and installation of machinery and equipment | 5 | 0 | 5 | 3 | 0 | 2 | 5 |
| Manufacturing Sector | | 261 | 440 | 701 | 544 | 15 | 142 | 701 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers
1 establishments that did not report year started operation

Table 2.1: Persons engaged by industrial activity, region and sex, 2012 - Manufacturing Sector*

| ISIC R4 | Description | Geographical region | | | | | | | | | | | | | | Sultanate of Oman | |
|-----------------------------|--|---------------------|--------------|-----------------|------------|---------------|------------|--------------|------------|----------------------------|------------|---------------|--------------|---------------|--------|-------------------|--------|
| | | Muscat | | North AlBathina | | AlDakhliliyah | | Dofar | | Other regions ¹ | | Male | | Female | | Total | |
| | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| 10 | Manufacture of food products | 3,496 | 297 | 1,787 | 201 | 60 | 11 | 2,313 | 119 | 711 | 124 | 8,366 | 753 | 9,119 | | | |
| 11 | Manufacture of beverages | 1,876 | 49 | 0 | 0 | 336 | 2 | 171 | 3 | 385 | 9 | 2,768 | 64 | 2,832 | | | |
| 13 | Manufacture of textiles | 496 | 90 | 42 | 2 | 0 | 0 | 0 | 0 | 36 | 3 | 574 | 95 | 669 | | | |
| 14 | Manufacture of wearing apparel | 455 | 228 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 1 | 482 | 229 | 711 | | | |
| 15 | Manufacture of leather and related products | 104 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 104 | 45 | 149 | | | |
| 16 | Manufacture of wood products except furniture | 2,388 | 73 | 93 | 1 | 0 | 0 | 0 | 0 | 55 | 1 | 2,536 | 75 | 2,611 | | | |
| 17 | Manufacture of paper and paper products | 353 | 21 | 43 | 8 | 0 | 0 | 14 | 0 | 52 | 5 | 462 | 34 | 496 | | | |
| 18 | Printing and reproduction of recorded media | 1,211 | 115 | 86 | 17 | 29 | 0 | 114 | 32 | 15 | 1 | 1,456 | 165 | 1,621 | | | |
| 19 | Manufacture of coke and refined petroleum products | 91 | 0 | 1,625 | 119 | 0 | 0 | 31 | 4 | 38 | 6 | 1,785 | 129 | 1,914 | | | |
| 20 | Manufacture of chemicals and chemical products | 2,096 | 115 | 1,431 | 54 | 0 | 0 | 29 | 5 | 1,030 | 117 | 4,586 | 291 | 4,877 | | | |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 187 | 62 | 0 | 0 | 0 | 0 | 230 | 0 | 174 | 17 | 591 | 79 | 670 | | | |
| 22 | Manufacture of rubber and plastics products | 3,128 | 146 | 398 | 41 | 220 | 7 | 205 | 37 | 244 | 5 | 4,195 | 236 | 4,431 | | | |
| 23 | Manufacture of other non-metallic mineral products | 4,308 | 110 | 3,520 | 77 | 1,900 | 64 | 1,590 | 28 | 3,690 | 46 | 15,007 | 325 | 15,332 | | | |
| 24 | Manufacture of basic metals | 1,146 | 33 | 6,634 | 153 | 152 | 0 | 77 | 0 | 36 | 0 | 8,045 | 186 | 8,231 | | | |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 4,473 | 131 | 2,442 | 87 | 1,034 | 2 | 82 | 1 | 291 | 15 | 8,322 | 235 | 8,557 | | | |
| 26 | Manufacture of computer, electronic and optical products | 136 | 3 | 197 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 333 | 20 | 353 | | | |
| 27 | Manufacture of electrical equipment | 2,622 | 83 | 383 | 56 | 0 | 0 | 0 | 0 | 20 | 0 | 3,025 | 139 | 3,164 | | | |
| 28 | Manufacture of machinery and equipment n.e.c. | 514 | 28 | 0 | 0 | 147 | 12 | 0 | 0 | 0 | 0 | 661 | 40 | 701 | | | |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 121 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 121 | 13 | 133 | | | |
| 30 | Manufacture of other transport equipment | 474 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 474 | 0 | 474 | | | |
| 31 | Manufacture of furniture | 2,296 | 41 | 420 | 71 | 49 | 2 | 0 | 0 | 47 | 1 | 2,812 | 115 | 2,927 | | | |
| 32 | Other manufacturing | 76 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 76 | 16 | 92 | | | |
| 33 | Repair and installation of machinery and equipment | 1,255 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,255 | 15 | 1,270 | | | |
| Manufacturing Sector | | 33,302 | 1,712 | 19,101 | 903 | 3,927 | 101 | 4,856 | 230 | 6,850 | 352 | 68,036 | 3,298 | 71,334 | | | |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

¹ includes South Al Balista, Al Westa, Musandam, Al Dhara, Al Buraimi, South Al Sharqia and North Al Sharqia

Table 2.2: Persons engaged by industrial activity (ISIC R4), form of ownership and sex, 2012 - Manufacturing Sector*

| ISIC R3 | Description | Form of Ownership | | | | | | | | Total |
|-----------------------------|--|-------------------|------------|---------------|--------------|--------------|------------|---------------|--|-------|
| | | Public | | Mixed | | Private | | Total | | |
| | | Male | Female | Male | Female | Male | Female | | | |
| 10 | Manufacture of food products | 0 | 0 | 7,958 | 664 | 408 | 89 | 9,119 | | |
| 11 | Manufacture of beverages | 0 | 0 | 2,768 | 64 | 0 | 0 | 2,832 | | |
| 13 | Manufacture of textiles | 0 | 0 | 574 | 95 | 0 | 0 | 669 | | |
| 14 | Manufacture of wearing apparel | 0 | 0 | 482 | 229 | 0 | 0 | 711 | | |
| 15 | Manufacture of leather and related products | 0 | 0 | 104 | 45 | 0 | 0 | 149 | | |
| 16 | Manufacture of wood products except furniture | 0 | 0 | 2,536 | 75 | 0 | 0 | 2,611 | | |
| 17 | Manufacture of paper and paper products | 0 | 0 | 462 | 34 | 0 | 0 | 496 | | |
| 18 | Printing and reproduction of recorded media | 0 | 0 | 1,456 | 165 | 0 | 0 | 1,621 | | |
| 19 | Manufacture of coke and refined petroleum products | 1,494 | 116 | 291 | 13 | 0 | 0 | 1,914 | | |
| 20 | Manufacture of chemicals and chemical products | 0 | 0 | 3,651 | 179 | 935 | 112 | 4,877 | | |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 0 | 0 | 591 | 79 | 0 | 0 | 670 | | |
| 22 | Manufacture of rubber and plastics products | 0 | 0 | 4,025 | 230 | 170 | 6 | 4,431 | | |
| 23 | Manufacture of other non-metallic mineral products | 0 | 0 | 14,063 | 306 | 945 | 18 | 15,332 | | |
| 24 | Manufacture of basic metals | 0 | 0 | 6,302 | 103 | 1,743 | 83 | 8,231 | | |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 0 | 0 | 8,067 | 217 | 255 | 18 | 8,557 | | |
| 26 | Manufacture of computer, electronic and optical products | 0 | 0 | 333 | 20 | 0 | 0 | 353 | | |
| 27 | Manufacture of electrical equipment | 0 | 0 | 2,331 | 116 | 694 | 23 | 3,164 | | |
| 28 | Manufacture of machinery and equipment n.e.c. | 0 | 0 | 661 | 40 | 0 | 0 | 701 | | |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 0 | 0 | 121 | 13 | 0 | 0 | 133 | | |
| 30 | Manufacture of other transport equipment | 0 | 0 | 474 | 0 | 0 | 0 | 474 | | |
| 31 | Manufacture of furniture | 0 | 0 | 2,812 | 115 | 0 | 0 | 2,927 | | |
| 32 | Other manufacturing | 0 | 0 | 12 | 0 | 64 | 16 | 92 | | |
| 33 | Repair and installation of machinery and equipment | 0 | 0 | 1,255 | 15 | 0 | 0 | 1,270 | | |
| Manufacturing Sector | | 1,494 | 116 | 61,329 | 2,816 | 5,214 | 366 | 71,334 | | |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table 2.3: Persons engaged by industrial activity (ISIC R4) and employment size, 2012 - Manufacturing Sector*

| ISIC R4 | Description | Employment size | | | | | Total |
|-----------------------------|--|-----------------|--------------|--------------|---------------|---------------|---------------|
| | | < 20 | 20 - 49 | 50 - 99 | 100 - 499 | >= 500 | |
| 10 | Manufacture of food products | 292 | 823 | 549 | 5,065 | 2,390 | 9,119 |
| 11 | Manufacture of beverages | 139 | 145 | 172 | 1,436 | 939 | 2,832 |
| 13 | Manufacture of textiles | 10 | 99 | 253 | 306 | 0 | 669 |
| 14 | Manufacture of wearing apparel | 0 | 28 | 0 | 683 | 0 | 711 |
| 15 | Manufacture of leather and related products | 0 | 0 | 149 | 0 | 0 | 149 |
| 16 | Manufacture of wood products except furniture | 211 | 102 | 134 | 2,164 | 0 | 2,611 |
| 17 | Manufacture of paper and paper products | 14 | 84 | 218 | 180 | 0 | 496 |
| 18 | Printing and reproduction of recorded media | 156 | 495 | 492 | 478 | 0 | 1,621 |
| 19 | Manufacture of coke and refined petroleum products | 0 | 244 | 60 | 0 | 1,610 | 1,914 |
| 20 | Manufacture of chemicals and chemical products | 185 | 635 | 635 | 2,882 | 540 | 4,877 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 0 | 0 | 0 | 670 | 0 | 670 |
| 22 | Manufacture of rubber and plastics products | 294 | 439 | 896 | 2,023 | 779 | 4,431 |
| 23 | Manufacture of other non-metallic mineral products | 566 | 2,507 | 2,207 | 6,318 | 3,734 | 15,332 |
| 24 | Manufacture of basic metals | 58 | 249 | 332 | 3,063 | 4,529 | 8,231 |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 177 | 678 | 802 | 4,613 | 2,287 | 8,557 |
| 26 | Manufacture of computer, electronic and optical products | 0 | 50 | 0 | 303 | 0 | 353 |
| 27 | Manufacture of electrical equipment | 59 | 162 | 402 | 1,915 | 626 | 3,164 |
| 28 | Manufacture of machinery and equipment n.e.c. | 32 | 74 | 286 | 309 | 0 | 701 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 0 | 133 | 0 | 0 | 0 | 133 |
| 30 | Manufacture of other transport equipment | 474 | 0 | 0 | 0 | 0 | 474 |
| 31 | Manufacture of furniture | 32 | 133 | 175 | 1,418 | 1,169 | 2,927 |
| 32 | Other manufacturing | 12 | 0 | 80 | 0 | 0 | 92 |
| 33 | Repair and installation of machinery and equipment | 14 | 39 | 0 | 683 | 534 | 1,270 |
| Manufacturing Sector | | 2,725 | 7,118 | 7,843 | 34,510 | 19,138 | 71,334 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table 2.4: Persons engaged by geographical region and employment size, 2012 - Manufacturing Sector*

| Geographical region | Employment size | | | | | TOTAL |
|---------------------|-----------------|--------------|--------------|---------------|---------------|---------------|
| | 10 - 19 | 30 - 49 | 50 - 99 | 100 - 499 | >= 500 | |
| Muscat | 675 | 2,702 | 4,304 | 17,895 | 9,112 | 34,688 |
| South Al Batinna | 215 | 426 | 277 | 710 | 0 | 1,628 |
| Al Westa | 37 | 23 | 0 | 460 | 0 | 520 |
| North Albatina | 319 | 1,619 | 1,373 | 7,961 | 8,546 | 19,818 |
| Musandam | 21 | 45 | 0 | 0 | 0 | 66 |
| Al Dakhra | 132 | 251 | 154 | 216 | 699 | 1,452 |
| Al Buraimi | 263 | 543 | 479 | 447 | 630 | 2,362 |
| Al Dakhiliyah | 106 | 609 | 483 | 2,525 | 0 | 3,723 |
| South Al Sharaja | 137 | 137 | 0 | 0 | 0 | 274 |
| North Al Sharaja | 269 | 291 | 0 | 476 | 540 | 1,576 |
| Dofar | 311 | 872 | 888 | 1,910 | 1,246 | 5,227 |
| Total | 2,485 | 7,518 | 7,958 | 32,600 | 20,773 | 71,334 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table 2.5: Persons engaged by industrial activity (ISIC R4) and legal type of organisation, 2012 - Manufacturing Sector*

| ISIC R4 | Description | Legal type of organisation | | | | | Total |
|-----------------------------|--|----------------------------|---------------------------|---------------------|---------------------|---------------------|---------------|
| | | Joint Stock Company | Limited Liability Company | Limited Partnership | General Partnership | Sole Proprietorship | |
| 10 | Manufacture of food products | 5,315 | 3,343 | 40 | 69 | 351 | 9,119 |
| 11 | Manufacture of beverages | 1,241 | 1,291 | 22 | 11 | 267 | 2,832 |
| 13 | Manufacture of textiles | 79 | 536 | 0 | 0 | 54 | 669 |
| 14 | Manufacture of wearing apparel | 0 | 683 | 0 | 0 | 28 | 711 |
| 15 | Manufacture of leather and related products | 0 | 149 | 0 | 0 | 0 | 149 |
| 16 | Manufacture of wood products except furniture | 0 | 2,350 | 16 | 48 | 197 | 2,611 |
| 17 | Manufacture of paper and paper products | 274 | 187 | 0 | 14 | 21 | 496 |
| 18 | Printing and reproduction of recorded media | 0 | 1,335 | 13 | 80 | 193 | 1,621 |
| 19 | Manufacture of coke and refined petroleum products | 60 | 1,775 | 44 | 0 | 35 | 1,914 |
| 20 | Manufacture of chemicals and chemical products | 2,194 | 2,437 | 80 | 54 | 112 | 4,877 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 249 | 421 | 0 | 0 | 0 | 670 |
| 22 | Manufacture of rubber and plastics products | 370 | 3,405 | 126 | 161 | 370 | 4,431 |
| 23 | Manufacture of other non-metallic mineral products | 3,199 | 8,945 | 1,166 | 146 | 1,876 | 15,332 |
| 24 | Manufacture of basic metals | 903 | 7,017 | 20 | 234 | 58 | 8,231 |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 96 | 7,758 | 76 | 291 | 336 | 8,557 |
| 26 | Manufacture of computer, electronic and optical products | 194 | 50 | 0 | 0 | 109 | 353 |
| 27 | Manufacture of electrical equipment | 1,351 | 1,671 | 142 | 0 | 0 | 3,164 |
| 28 | Manufacture of machinery and equipment n.e.c. | 81 | 594 | 0 | 26 | 0 | 701 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 0 | 133 | 0 | 0 | 0 | 133 |
| 30 | Manufacture of other transport equipment | 0 | 474 | 0 | 0 | 0 | 474 |
| 31 | Manufacture of furniture | 0 | 2,710 | 18 | 155 | 44 | 2,927 |
| 32 | Other manufacturing | 0 | 92 | 0 | 0 | 0 | 92 |
| 33 | Repair and installation of machinery and equipment | 39 | 1,231 | 0 | 0 | 0 | 1,270 |
| Manufacturing Sector | | 15,645 | 48,587 | 1,763 | 1,288 | 4,051 | 71,334 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table 2.6: Persons engaged by industrial activity and year that establishment started operation, 2012 - Manufacturing Sector*

| ISIC R4 | Description | Start of operation of establishment | | | | | | Total | |
|-----------------------------|--|-------------------------------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------------|
| | | Before 1970 | 1970-1979 | 1980-1989 | 1990-1999 | 2000-2009 | After 2009 | | Other ¹ |
| 10 | Manufacture of food products | 0 | 851 | 2,526 | 3,367 | 1,265 | 373 | 736 | 9,119 |
| 11 | Manufacture of beverages | 0 | 962 | 172 | 591 | 731 | 366 | 11 | 2,832 |
| 13 | Manufacture of textiles | 0 | 0 | 193 | 79 | 223 | 74 | 100 | 669 |
| 14 | Manufacture of wearing apparel | 0 | 0 | 359 | 324 | 0 | 28 | 0 | 711 |
| 15 | Manufacture of leather and related products | 0 | 0 | 0 | 149 | 0 | 0 | 0 | 149 |
| 16 | Manufacture of wood products except furniture | 136 | 147 | 2,116 | 17 | 147 | 0 | 48 | 2,611 |
| 17 | Manufacture of paper and paper products | 0 | 0 | 98 | 286 | 112 | 0 | 0 | 496 |
| 18 | Printing and reproduction of recorded media | 0 | 743 | 319 | 321 | 221 | 17 | 0 | 1,621 |
| 19 | Manufacture of coke and refined petroleum products | 0 | 0 | 60 | 111 | 1,697 | 46 | 0 | 1,914 |
| 20 | Manufacture of chemicals and chemical products | 0 | 1,048 | 1,036 | 470 | 2,141 | 162 | 20 | 4,877 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 0 | 0 | 0 | 191 | 249 | 0 | 230 | 670 |
| 22 | Manufacture of rubber and plastics products | 0 | 1,193 | 615 | 1,554 | 922 | 127 | 21 | 4,431 |
| 23 | Manufacture of other non-metallic mineral products | 0 | 617 | 3,009 | 3,276 | 7,244 | 933 | 254 | 15,332 |
| 24 | Manufacture of basic metals | 0 | 35 | 1,342 | 962 | 5,088 | 804 | 0 | 8,231 |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 0 | 857 | 1,070 | 3,298 | 2,349 | 375 | 608 | 8,557 |
| 26 | Manufacture of computer, electronic and optical products | 0 | 0 | 139 | 194 | 0 | 20 | 0 | 353 |
| 27 | Manufacture of electrical equipment | 0 | 0 | 1,367 | 996 | 213 | 290 | 298 | 3,164 |
| 28 | Manufacture of machinery and equipment n.e.c. | 0 | 0 | 94 | 422 | 159 | 26 | 0 | 701 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 0 | 0 | 0 | 0 | 49 | 84 | 0 | 133 |
| 30 | Manufacture of other transport equipment | 0 | 0 | 0 | 0 | 0 | 474 | 0 | 474 |
| 31 | Manufacture of furniture | 0 | 825 | 120 | 60 | 1,499 | 235 | 188 | 2,927 |
| 32 | Other manufacturing | 0 | 0 | 0 | 80 | 12 | 0 | 0 | 92 |
| 33 | Repair and installation of machinery and equipment | 0 | 0 | 0 | 39 | 1,231 | 0 | 0 | 1,270 |
| Manufacturing Sector | | 136 | 7,277 | 14,636 | 16,786 | 25,551 | 4,434 | 2,513 | 71,334 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers
¹ establishments that did not report

Table 2.7: No. of persons engaged by region and year establishment started operation, 2012 - Manufacturing Sector*

| Geographical region | Year establishment started of operation | | | | | | | | Total |
|--------------------------|---|--------------|---------------|---------------|---------------|--------------|--------------------|---------------|-------|
| | Before 1970 | 1970-1979 | 1980-1989 | 1990-1999 | 2000-2009 | After 2009 | Other ¹ | | |
| Muscat | 51 | 5,853 | 12,583 | 8,268 | 7,062 | 778 | 93 | 34,688 | |
| South Al Batina | 0 | 18 | 78 | 713 | 537 | 282 | 0 | 1,628 | |
| Al Westa | 0 | 0 | 0 | 0 | 27 | 460 | 33 | 520 | |
| North Albatina | 0 | 504 | 1,040 | 4,974 | 10,726 | 2,151 | 423 | 19,818 | |
| Musandam | 0 | 0 | 0 | 22 | 23 | 21 | 0 | 66 | |
| Al Dahra | 0 | 10 | 175 | 37 | 1,154 | 76 | 0 | 1,452 | |
| Al Buraimi | 0 | 28 | 192 | 406 | 1,425 | 311 | 0 | 2,362 | |
| Al Dakhiliyah | 0 | 509 | 169 | 470 | 1,659 | 494 | 422 | 3,723 | |
| South Al Sharqia | 0 | 0 | 23 | 33 | 133 | 85 | 0 | 274 | |
| North Al Sharqia | 0 | 21 | 63 | 196 | 1,186 | 91 | 19 | 1,576 | |
| Dofar | 0 | 151 | 1,237 | 1,364 | 2,261 | 214 | 0 | 5,227 | |
| Sultanate of Oman | 51 | 7,094 | 15,560 | 16,483 | 26,193 | 4,963 | 990 | 71,334 | |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

¹ establishments that did not report year started operation

Table 2.8: Persons engaged by industrial activity and (i) location (ii) origin of ownership, 2012 - Manufacturing Sector*

| ISIC R4 | Description | Location of operation | | | Origin of ownership | | | |
|-----------------------------|--|--------------------------|---------------|---------------|---------------------|--------------|---------------|---------------|
| | | Within industrial estate | Outside | Total | Omani | Foreign | Mixed | Total |
| 10 | Manufacture of food products | 3,922 | 5,197 | 9,119 | 6,449 | 0 | 2,670 | 9,119 |
| 11 | Manufacture of beverages | 733 | 2,099 | 2,832 | 1,833 | 0 | 999 | 2,832 |
| 13 | Manufacture of textiles | 458 | 211 | 669 | 595 | 0 | 74 | 669 |
| 14 | Manufacture of wearing apparel | 0 | 711 | 711 | 711 | 0 | 0 | 711 |
| 15 | Manufacture of leather and related products | 149 | 0 | 149 | 149 | 0 | 0 | 149 |
| 16 | Manufacture of wood products except furniture | 33 | 2,578 | 2,611 | 2,534 | 0 | 77 | 2,611 |
| 17 | Manufacture of paper and paper products | 355 | 141 | 496 | 313 | 0 | 183 | 496 |
| 18 | Printing and reproduction of recorded media | 393 | 1,228 | 1,621 | 1,436 | 0 | 185 | 1,621 |
| 19 | Manufacture of coke and refined petroleum products | 168 | 1,746 | 1,914 | 1,720 | 0 | 194 | 1,914 |
| 20 | Manufacture of chemicals and chemical products | 2,879 | 1,998 | 4,877 | 3,396 | 142 | 1,339 | 4,877 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 479 | 191 | 670 | 421 | 0 | 249 | 670 |
| 22 | Manufacture of rubber and plastics products | 1,923 | 2,508 | 4,431 | 2,991 | 367 | 1,073 | 4,431 |
| 23 | Manufacture of other non-metallic mineral products | 4,538 | 10,794 | 15,332 | 12,103 | 244 | 2,985 | 15,332 |
| 24 | Manufacture of basic metals | 6,683 | 1,548 | 8,231 | 2,329 | 982 | 4,920 | 8,231 |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 4,413 | 4,144 | 8,557 | 4,737 | 83 | 3,737 | 8,557 |
| 26 | Manufacture of computer, electronic and optical products | 214 | 139 | 353 | 139 | 0 | 214 | 353 |
| 27 | Manufacture of electrical equipment | 2,609 | 555 | 3,164 | 2,068 | 99 | 997 | 3,164 |
| 28 | Manufacture of machinery and equipment n.e.c. | 627 | 74 | 701 | 551 | 0 | 150 | 701 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 36 | 97 | 133 | 36 | 0 | 97 | 133 |
| 30 | Manufacture of other transport equipment | 0 | 474 | 474 | 474 | 0 | 0 | 474 |
| 31 | Manufacture of furniture | 546 | 2,381 | 2,927 | 822 | 0 | 2,105 | 2,927 |
| 32 | Other manufacturing | 0 | 92 | 92 | 12 | 0 | 80 | 92 |
| 33 | Repair and installation of machinery and equipment | 1,270 | 0 | 1,270 | 1,012 | 0 | 258 | 1,270 |
| Manufacturing Sector | | 32,428 | 38,906 | 71,334 | 46,831 | 1,917 | 22,586 | 71,334 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers
1 establishments that did not report

Table 2.9a: Number of persons engaged by industrial activity (ISIC R4) and employment status and sex, 2012 - Manufacturing Sector*

Both sexes

| ISIC R4 | Description | W/prop., partners & u. family workers | | Employees | | | | | | | | Grand total | | |
|-----------------------------|--|---------------------------------------|------------|----------------------|--------------|--------------|---------------|--------------|---------------|--------------|--------------|---------------|---------------|---------------|
| | | Operatives skilled | | Operatives unskilled | | Other | | Total | | Omani | Non-Omani | Total | | |
| | | Omani | Non-Omani | Omani | Non-Omani | Omani | Non-Omani | Omani | Non-Omani | | | | | |
| 10 | Manufacture of food products | 68 | 22 | 500 | 960 | 857 | 2,008 | 1,394 | 2,079 | 431 | 801 | 3,250 | 5,869 | 9,119 |
| 11 | Manufacture of beverages | 25 | 3 | 83 | 144 | 183 | 413 | 413 | 872 | 273 | 422 | 977 | 1,855 | 2,832 |
| 13 | Manufacture of textiles | 5 | 4 | 52 | 87 | 88 | 304 | 25 | 103 | 0 | 2 | 170 | 500 | 669 |
| 14 | Manufacture of wearing apparel | 6 | 4 | 29 | 15 | 23 | 379 | 73 | 167 | 0 | 15 | 131 | 580 | 711 |
| 15 | Manufacture of leather and related products | 3 | 0 | 8 | 13 | 56 | 69 | 0 | 0 | 0 | 0 | 67 | 82 | 149 |
| 16 | Manufacture of wood products except furniture | 87 | 0 | 24 | 279 | 1 | 1,847 | 326 | 42 | 5 | 0 | 443 | 2,168 | 2,611 |
| 17 | Manufacture of paper and paper products | 4 | 10 | 26 | 82 | 69 | 191 | 19 | 68 | 9 | 18 | 127 | 369 | 496 |
| 18 | Printing and reproduction of recorded media | 34 | 7 | 173 | 257 | 144 | 752 | 113 | 83 | 17 | 40 | 481 | 1,140 | 1,621 |
| 19 | Manufacture of coke and refined petroleum products | 5 | 3 | 1,226 | 488 | 21 | 72 | 41 | 55 | 1 | 2 | 1,294 | 620 | 1,914 |
| 20 | Manufacture of chemicals and chemical products | 38 | 6 | 653 | 668 | 878 | 1,275 | 620 | 589 | 126 | 24 | 2,315 | 2,562 | 4,877 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 1 | 0 | 17 | 126 | 117 | 336 | 8 | 29 | 21 | 15 | 164 | 506 | 670 |
| 22 | Manufacture of rubber and plastics products | 56 | 8 | 292 | 526 | 512 | 1,943 | 304 | 551 | 111 | 127 | 1,275 | 3,156 | 4,431 |
| 23 | Manufacture of other non-metallic mineral products | 732 | 73 | 869 | 1,170 | 1,154 | 5,188 | 850 | 4,506 | 273 | 516 | 3,879 | 11,453 | 15,332 |
| 24 | Manufacture of basic metals | 19 | 25 | 592 | 985 | 1,319 | 3,213 | 997 | 963 | 47 | 70 | 2,975 | 5,256 | 8,231 |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 80 | 21 | 216 | 593 | 620 | 4,445 | 750 | 1,512 | 216 | 106 | 1,881 | 6,676 | 8,557 |
| 26 | Manufacture of computer, electronic and optical products | 2 | 0 | 12 | 49 | 51 | 143 | 23 | 65 | 2 | 6 | 90 | 263 | 353 |
| 27 | Manufacture of electrical equipment | 9 | 3 | 271 | 543 | 758 | 1,052 | 219 | 290 | 12 | 7 | 1,269 | 1,895 | 3,164 |
| 28 | Manufacture of machinery and equipment n.e.c. | 3 | 3 | 69 | 94 | 179 | 226 | 41 | 32 | 38 | 16 | 330 | 371 | 701 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 0 | 0 | 5 | 14 | 14 | 53 | 5 | 18 | 9 | 16 | 33 | 101 | 133 |
| 30 | Manufacture of other transport equipment | 68 | 0 | 34 | 34 | 0 | 68 | 0 | 271 | 0 | 0 | 102 | 372 | 474 |
| 31 | Manufacture of furniture | 13 | 9 | 97 | 305 | 207 | 1,706 | 81 | 462 | 12 | 35 | 410 | 2,517 | 2,927 |
| 32 | Other manufacturing | 0 | 5 | 9 | 11 | 0 | 63 | 0 | 4 | 0 | 0 | 9 | 83 | 92 |
| 33 | Repair and installation of machinery and equipment | 6 | 2 | 52 | 144 | 96 | 711 | 92 | 112 | 17 | 38 | 263 | 1,007 | 1,270 |
| Manufacturing Sector | | 1,263 | 208 | 5,308 | 7,587 | 7,347 | 26,459 | 6,394 | 12,872 | 1,621 | 2,276 | 21,933 | 49,401 | 71,334 |

* establishments with 10 or more workers

5. STATISTICAL TABLES, ANNUAL INDUSTRIAL SURVEY, 2013

Table 2.9b: Number of persons engaged by industrial activity (ISIC R4) and employment status and sex, 2012 - Manufacturing Sector*

Males

| ISIC R4 | Description | W/prop. partners & u. family workers | | Employees | | | | | | | | | | | | Grand total | | |
|-----------------------------|--|--------------------------------------|------------|----------------------------|--------------|--------------|--------------------|--------------|---------------|----------------------|--------------|---------------|---------------|---------------|-----------|-------------|-----------|-------------|
| | | Omani | Non-Omani | Managerial and prof. staff | | | Operatives skilled | | | Operatives unskilled | | | Other | | | Omani | Non-Omani | Total males |
| | | | | Omani | Non-Omani | Omani | Non-Omani | Omani | Non-Omani | Omani | Non-Omani | Omani | Non-Omani | Omani | Non-Omani | | | |
| 10 | Manufacture of food products | 65 | 20 | 423 | 939 | 690 | 1,974 | 1,039 | 2,066 | 360 | 792 | 2,577 | 5,790 | 8,366 | | | | |
| 11 | Manufacture of beverages | 24 | 3 | 65 | 142 | 164 | 408 | 398 | 872 | 272 | 419 | 924 | 1,844 | 2,768 | | | | |
| 13 | Manufacture of textiles | 4 | 4 | 21 | 81 | 50 | 303 | 6 | 103 | 0 | 2 | 82 | 492 | 574 | | | | |
| 14 | Manufacture of wearing apparel | 5 | 4 | 22 | 13 | 3 | 251 | 2 | 167 | 0 | 15 | 32 | 450 | 482 | | | | |
| 15 | Manufacture of leather and related products | 3 | 0 | 8 | 13 | 11 | 69 | 0 | 0 | 0 | 0 | 22 | 82 | 104 | | | | |
| 16 | Manufacture of wood products except furniture | 31 | 0 | 16 | 268 | 1 | 1,847 | 326 | 42 | 5 | 0 | 379 | 2,157 | 2,536 | | | | |
| 17 | Manufacture of paper and paper products | 4 | 10 | 19 | 78 | 50 | 191 | 15 | 68 | 9 | 18 | 97 | 365 | 462 | | | | |
| 18 | Printing and reproduction of recorded media | 29 | 7 | 126 | 253 | 117 | 740 | 45 | 83 | 15 | 40 | 332 | 1,124 | 1,456 | | | | |
| 19 | Manufacture of coke and refined petroleum products | 5 | 3 | 1,114 | 474 | 21 | 71 | 39 | 55 | 1 | 2 | 1,180 | 605 | 1,785 | | | | |
| 20 | Manufacture of chemicals and chemical products | 31 | 6 | 489 | 654 | 805 | 1,266 | 599 | 588 | 124 | 24 | 2,048 | 2,538 | 4,586 | | | | |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 1 | 0 | 11 | 114 | 69 | 336 | 5 | 29 | 11 | 15 | 97 | 494 | 591 | | | | |
| 22 | Manufacture of rubber and plastics products | 54 | 8 | 222 | 518 | 447 | 1,940 | 232 | 547 | 100 | 126 | 1,055 | 3,140 | 4,195 | | | | |
| 23 | Manufacture of other non-metallic mineral products | 718 | 68 | 695 | 1,140 | 1,131 | 5,183 | 805 | 4,505 | 253 | 509 | 3,602 | 11,405 | 15,007 | | | | |
| 24 | Manufacture of basic metals | 19 | 25 | 468 | 959 | 1,290 | 3,212 | 995 | 963 | 43 | 70 | 2,816 | 5,229 | 8,045 | | | | |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 71 | 21 | 137 | 581 | 534 | 4,421 | 732 | 1,509 | 213 | 102 | 1,688 | 6,634 | 8,322 | | | | |
| 26 | Manufacture of computer, electronic and optical products | 2 | 0 | 9 | 47 | 46 | 141 | 17 | 65 | 1 | 5 | 75 | 258 | 333 | | | | |
| 27 | Manufacture of electrical equipment | 8 | 3 | 222 | 526 | 708 | 1,045 | 206 | 290 | 12 | 6 | 1,155 | 1,870 | 3,025 | | | | |
| 28 | Manufacture of machinery and equipment n.e.c. | 2 | 3 | 53 | 91 | 167 | 223 | 41 | 32 | 33 | 16 | 296 | 365 | 661 | | | | |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 0 | 0 | 4 | 14 | 3 | 53 | 5 | 18 | 9 | 16 | 20 | 101 | 121 | | | | |
| 30 | Manufacture of other transport equipment | 68 | 0 | 34 | 34 | 0 | 68 | 0 | 271 | 0 | 0 | 102 | 372 | 474 | | | | |
| 31 | Manufacture of furniture | 11 | 9 | 56 | 303 | 139 | 1,704 | 81 | 462 | 12 | 35 | 299 | 2,513 | 2,812 | | | | |
| 32 | Other manufacturing | 0 | 5 | 1 | 3 | 0 | 63 | 0 | 4 | 0 | 0 | 1 | 75 | 76 | | | | |
| 33 | Repair and installation of machinery and equipment | 6 | 2 | 43 | 142 | 96 | 711 | 91 | 112 | 15 | 37 | 251 | 1,004 | 1,255 | | | | |
| Manufacturing Sector | | 1,162 | 201 | 4,257 | 7,386 | 6,542 | 26,221 | 5,681 | 12,850 | 1,488 | 2,249 | 19,129 | 48,908 | 68,036 | | | | |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table 2.9c: Number of persons engaged by industrial activity (ISIC R4) and employment status and sex, 2012 - Females

| ISIC R4 | Description | W/prop. part-ners & u. family workers | | Employees | | | | | | | | Grand total | | |
|-----------------------------|--|---------------------------------------|-----------|----------------------------|------------|--------------------|------------|----------------------|-----------|------------|-----------|--------------|------------|---------------|
| | | Omani | Non-Omani | Managerial and prof. staff | | Operatives skilled | | Operatives unskilled | | Other | | Omani | Non-Omani | Total females |
| | | | | Omani | Non-Omani | Omani | Non-Omani | Omani | Non-Omani | Omani | Non-Omani | | | |
| 10 | Manufacture of food products | 3 | 2 | 77 | 22 | 167 | 34 | 355 | 12 | 72 | 9 | 673 | 79 | 753 |
| 11 | Manufacture of beverages | 1 | 0 | 18 | 2 | 19 | 5 | 15 | 0 | 1 | 3 | 54 | 11 | 64 |
| 13 | Manufacture of textiles | 1 | 0 | 31 | 6 | 37 | 1 | 19 | 0 | 0 | 0 | 88 | 7 | 95 |
| 14 | Manufacture of wearing apparel | 1 | 0 | 7 | 2 | 20 | 128 | 71 | 0 | 0 | 0 | 99 | 130 | 229 |
| 15 | Manufacture of leather and related products | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 45 |
| 16 | Manufacture of wood products except furniture | 56 | 0 | 8 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 64 | 11 | 75 |
| 17 | Manufacture of paper and paper products | 0 | 0 | 7 | 4 | 19 | 0 | 4 | 0 | 0 | 0 | 30 | 4 | 34 |
| 18 | Printing and reproduction of recorded media | 5 | 0 | 47 | 4 | 27 | 12 | 68 | 0 | 2 | 0 | 149 | 16 | 165 |
| 19 | Manufacture of coke and refined petroleum products | 0 | 0 | 112 | 14 | 0 | 1 | 2 | 0 | 0 | 0 | 114 | 15 | 129 |
| 20 | Manufacture of chemicals and chemical products | 7 | 0 | 164 | 14 | 73 | 9 | 21 | 1 | 2 | 0 | 267 | 24 | 291 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 0 | 0 | 6 | 12 | 48 | 0 | 3 | 0 | 10 | 0 | 67 | 12 | 79 |
| 22 | Manufacture of rubber and plastics products | 2 | 0 | 70 | 8 | 65 | 3 | 72 | 4 | 11 | 1 | 220 | 16 | 236 |
| 23 | Manufacture of other non-metallic mineral products | 13 | 5 | 174 | 31 | 23 | 5 | 45 | 1 | 20 | 7 | 276 | 48 | 325 |
| 24 | Manufacture of basic metals | 0 | 0 | 124 | 26 | 29 | 1 | 2 | 0 | 4 | 0 | 159 | 27 | 186 |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 8 | 0 | 79 | 11 | 86 | 24 | 18 | 3 | 3 | 3 | 193 | 42 | 235 |
| 26 | Manufacture of computer, electronic and optical products | 0 | 0 | 3 | 2 | 5 | 2 | 6 | 0 | 1 | 1 | 15 | 5 | 20 |
| 27 | Manufacture of electrical equipment | 1 | 0 | 50 | 17 | 50 | 7 | 13 | 0 | 0 | 1 | 114 | 25 | 139 |
| 28 | Manufacture of machinery and equipment n.e.c. | 1 | 0 | 16 | 3 | 12 | 3 | 0 | 0 | 5 | 0 | 34 | 6 | 40 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 0 | 0 | 1 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 13 |
| 30 | Manufacture of other transport equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | Manufacture of furniture | 2 | 0 | 41 | 2 | 68 | 2 | 0 | 0 | 0 | 0 | 111 | 4 | 115 |
| 32 | Other manufacturing | 0 | 0 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 16 |
| 33 | Repair and installation of machinery and equipment | 0 | 0 | 9 | 2 | 0 | 0 | 1 | 0 | 2 | 1 | 12 | 3 | 15 |
| Manufacturing Sector | | 101 | 7 | 1,051 | 201 | 805 | 238 | 713 | 22 | 133 | 27 | 2,804 | 493 | 3,298 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

5. STATISTICAL TABLES, ANNUAL INDUSTRIAL SURVEY, 2013

Table 2.10: Evolution in employment by activity (ISIC R4), nationality and sex, June and December 2012 - Manufacturing Sector*

| ISIC R4 | Description | Employment, 30th June 2012 | | | | | | Employment, 31th December 2012 | | | | | | | |
|-----------------------------|--|----------------------------|--------------|---------------|------------|---------------|--------------|--------------------------------|---------------|--------------|---------------|------------|---------------|--------------|---------------|
| | | Omani | | Non-Omani | | Total | | Omani | | Non-Omani | | Total | | | |
| | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Both Sexes | |
| 10 | Manufacture of food products | 2,401 | 638 | 5,085 | 81 | 7,486 | 720 | 8,205 | 2,577 | 673 | 5,790 | 79 | 8,366 | 753 | 9,119 |
| 11 | Manufacture of beverages | 741 | 39 | 1,366 | 11 | 2,107 | 49 | 2,156 | 924 | 54 | 1,844 | 11 | 2,768 | 64 | 2,832 |
| 13 | Manufacture of textiles | 84 | 79 | 491 | 8 | 574 | 87 | 661 | 82 | 88 | 492 | 7 | 574 | 95 | 669 |
| 14 | Manufacture of wearing apparel | 33 | 104 | 423 | 173 | 456 | 277 | 733 | 32 | 99 | 450 | 130 | 482 | 229 | 711 |
| 15 | Manufacture of leather and related products | 12 | 49 | 83 | 0 | 95 | 49 | 144 | 22 | 45 | 82 | 0 | 104 | 45 | 149 |
| 16 | Manufacture of wood products except furniture | 63 | 64 | 480 | 11 | 543 | 75 | 617 | 379 | 64 | 2,157 | 11 | 2,536 | 75 | 2,611 |
| 17 | Manufacture of paper and paper products | 96 | 33 | 347 | 4 | 443 | 37 | 480 | 97 | 30 | 365 | 4 | 462 | 34 | 496 |
| 18 | Printing and reproduction of recorded media | 302 | 147 | 1,014 | 14 | 1,316 | 161 | 1,477 | 332 | 149 | 1,124 | 16 | 1,456 | 165 | 1,621 |
| 19 | Manufacture of coke and refined petroleum products | 106 | 11 | 127 | 2 | 233 | 13 | 246 | 1,180 | 114 | 605 | 15 | 1,785 | 129 | 1,914 |
| 20 | Manufacture of chemicals and chemical products | 2,030 | 262 | 2,585 | 22 | 4,615 | 284 | 4,899 | 2,048 | 267 | 2,538 | 24 | 4,586 | 291 | 4,877 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 116 | 68 | 489 | 12 | 605 | 80 | 685 | 97 | 67 | 494 | 12 | 591 | 79 | 670 |
| 22 | Manufacture of rubber and plastics products | 910 | 205 | 2,760 | 15 | 3,670 | 220 | 3,891 | 1,055 | 220 | 3,140 | 16 | 4,195 | 236 | 4,431 |
| 23 | Manufacture of other non-metallic mineral products | 2,976 | 249 | 10,487 | 40 | 13,463 | 289 | 13,752 | 3,602 | 276 | 11,405 | 48 | 15,007 | 325 | 15,332 |
| 24 | Manufacture of basic metals | 2,729 | 176 | 5,519 | 27 | 8,247 | 203 | 8,450 | 2,816 | 159 | 5,229 | 27 | 8,045 | 186 | 8,231 |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 1,650 | 183 | 6,541 | 41 | 8,191 | 224 | 8,416 | 1,688 | 193 | 6,634 | 42 | 8,322 | 235 | 8,557 |
| 26 | Manufacture of computer, electronic and optical products | 104 | 16 | 222 | 6 | 326 | 22 | 348 | 75 | 15 | 258 | 5 | 333 | 20 | 353 |
| 27 | Manufacture of electrical equipment | 986 | 108 | 1,666 | 19 | 2,652 | 127 | 2,779 | 1,155 | 114 | 1,870 | 25 | 3,025 | 139 | 3,164 |
| 28 | Manufacture of machinery and equipment n.e.c. | 259 | 33 | 341 | 6 | 600 | 39 | 639 | 296 | 34 | 365 | 6 | 661 | 40 | 701 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 23 | 11 | 85 | 0 | 108 | 11 | 119 | 20 | 13 | 101 | 0 | 121 | 13 | 133 |
| 30 | Manufacture of other transport equipment | 34 | 0 | 406 | 0 | 440 | 0 | 440 | 102 | 0 | 372 | 0 | 474 | 0 | 474 |
| 31 | Manufacture of furniture | 294 | 118 | 2,460 | 4 | 2,754 | 122 | 2,876 | 299 | 111 | 2,513 | 4 | 2,812 | 115 | 2,927 |
| 32 | Other manufacturing | 1 | 8 | 75 | 8 | 76 | 16 | 92 | 1 | 8 | 75 | 8 | 76 | 16 | 92 |
| 33 | Repair and installation of machinery and equipment | 252 | 13 | 911 | 2 | 1,163 | 15 | 1,178 | 251 | 12 | 1,004 | 3 | 1,255 | 15 | 1,270 |
| Manufacturing Sector | | 16,202 | 2,614 | 43,962 | 506 | 60,165 | 3,120 | 63,285 | 19,129 | 2,804 | 48,908 | 493 | 68,036 | 3,298 | 71,334 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table 3.1: Detailed compensation of employees by industrial activity (ISIC R4), 2012 - Manufacturing Sector*

R.O

| ISIC R4 | Description | Gross Wages and Salaries | Overtime Payments | Travel Expenses | Payments in Kind | Social Insurance contributions | Other | Total Compensation |
|-----------------------------|---|--------------------------|-------------------|------------------|-------------------|--------------------------------|-------------------|--------------------|
| 10 | Manufacture of food products | 34,719,366 | 3,353,769 | 1,041,889 | 1,647,528 | 1,036,565 | 937,337 | 42,736,455 |
| 11 | Manufacture of beverages | 14,080,278 | 447,376 | 51,846 | 215,286 | 155,062 | 227,578 | 15,177,427 |
| 13 | Manufacture of textiles | 2,408,180 | 188,859 | 100,451 | 133,033 | 67,004 | 62,549 | 2,960,076 |
| 14 | Manufacture of wearing apparel | 1,443,120 | 57,031 | 21,983 | 127,275 | 56,445 | 69,417 | 1,775,271 |
| 15 | Manufacture of leather and related products | 401,246 | 3,121 | 0 | 15,650 | 12,986 | 3,146 | 436,149 |
| 16 | Manufacture of wood products except furniture | 4,969,886 | 1,434,445 | 11,673 | 507,976 | 115,201 | 225,872 | 7,265,053 |
| 17 | Manufacture of paper and paper products | 2,122,658 | 204,806 | 63,560 | 119,882 | 50,705 | 379,551 | 2,941,162 |
| 18 | Printing and reproduction of recorded media | 5,576,147 | 428,612 | 305,207 | 179,347 | 263,556 | 332,290 | 7,085,159 |
| 19 | Manufacture of coke and refined petroleum products | 14,221,336 | 1,512,524 | 343,057 | 149,846 | 3,016,122 | 127,514 | 19,370,399 |
| 20 | Manufacture of chemicals and chemical products | 49,311,857 | 2,495,672 | 853,650 | 3,620,924 | 967,230 | 3,415,396 | 60,664,729 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 3,369,166 | 218,256 | 48,845 | 687,235 | 108,474 | 150,951 | 4,582,927 |
| 22 | Manufacture of rubber and plastics products | 15,216,605 | 1,470,572 | 443,977 | 1,349,169 | 535,435 | 690,858 | 19,706,615 |
| 23 | Manufacture of other non-metallic mineral products | 54,596,857 | 5,655,566 | 1,341,042 | 2,788,891 | 1,943,121 | 2,191,153 | 68,516,630 |
| 24 | Manufacture of basic metals | 52,641,316 | 5,489,788 | 1,919,547 | 3,582,206 | 2,620,895 | 1,971,454 | 68,225,204 |
| 25 | Man. of fabricated metal products, exc. machinery and equipment | 32,771,906 | 3,942,524 | 759,028 | 3,951,935 | 784,222 | 1,430,222 | 43,639,837 |
| 26 | Manufacture of computer, electronic and optical products | 1,629,089 | 254,029 | 59,825 | 23,170 | 51,196 | 75,965 | 2,093,274 |
| 27 | Manufacture of electrical equipment | 17,838,324 | 1,566,959 | 644,354 | 1,071,975 | 295,702 | 847,763 | 22,265,076 |
| 28 | Manufacture of machinery and equipment n.e.c. | 4,764,044 | 271,227 | 96,261 | 479,100 | 250,334 | 394,728 | 6,255,694 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 441,178 | 31,691 | 5,199 | 2,244 | 12,718 | 3,429 | 496,458 |
| 30 | Manufacture of other transport equipment | 720,514 | 66,868 | 0 | 100,962 | 0 | 0 | 888,344 |
| 31 | Manufacture of furniture | 7,491,650 | 1,899,371 | 117,728 | 424,068 | 112,343 | 499,856 | 10,545,016 |
| 32 | Other manufacturing | 151,351 | 1,000 | 9,562 | 26,912 | 0 | 724 | 189,549 |
| 33 | Repair and installation of machinery and equipment | 5,018,095 | 33,714 | 50,620 | 595,409 | 84,077 | 195,899 | 5,977,814 |
| Manufacturing Sector | | 325,904,168 | 31,027,779 | 8,289,303 | 21,800,022 | 12,539,393 | 14,233,652 | 413,794,317 |

* establishments with 10 or more workers

5. STATISTICAL TABLES, ANNUAL INDUSTRIAL SURVEY, 2013

Table 4.1: Detailed intermediate consumption by industrial activity (ISIC R4), 2012 - Manufacturing Sector*

| ISIC R4 | Description | Raw materials & supplies | | Elect., water & fuels | Industrial services | Non-industrial services | Other expenses | Change in stock ¹ | Intermediate consumption |
|-----------------------------|--|--------------------------|----------------------|-----------------------|---------------------|-------------------------|-------------------|------------------------------|--------------------------|
| | | Imported | Local | | | | | | |
| 10 | Manufacture of food products | 254,275,458 | 80,877,566 | 8,263,408 | 5,441,228 | 15,134,422 | 5,401,766 | 17,342,275 | 352,051,573 |
| 11 | Manufacture of beverages | 42,054,147 | 5,823,268 | 2,018,924 | 735,250 | 6,707,191 | 69,294 | -399,509 | 57,807,583 |
| 13 | Manufacture of textiles | 9,847,200 | 1,742,354 | 194,176 | 210,813 | 757,684 | 55,352 | -28,422 | 12,836,000 |
| 14 | Manufacture of wearing apparel | 2,277,384 | 374,161 | 642,376 | 33,521 | 362,552 | 0 | 660,846 | 3,029,148 |
| 15 | Manufacture of leather and related products | 1,231,311 | 6,601 | 15,425 | 5,336 | 38,380 | 0 | 36,979 | 1,260,074 |
| 16 | Manufacture of wood products except furniture | 7,994,620 | 9,660,252 | 200,498 | 449,370 | 735,354 | 0 | 119,242 | 18,920,853 |
| 17 | Manufacture of paper and paper products | 21,045,104 | 717,592 | 323,371 | 659,491 | 711,946 | 0 | -258,245 | 23,715,749 |
| 18 | Printing and reproduction of recorded media | 11,134,075 | 4,863,404 | 431,725 | 1,576,429 | 2,124,963 | 532,790 | -380,790 | 21,044,176 |
| 19 | Manufacture of coke and refined petroleum products | 637,865,605 | 916,300,208 | 3,046,850 | 8,618,684 | 1,800,310 | 0 | -3,226,971 | 1,570,858,628 |
| 20 | Manufacture of chemicals and chemical products | 60,857,263 | 833,200,856 | 21,171,793 | 44,488,546 | 10,690,060 | 1,058,918 | 4,248,149 | 967,219,287 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 13,232,856 | 598,760 | 827,626 | 288,925 | 1,747,495 | 0 | 113,977 | 16,581,685 |
| 22 | Manufacture of rubber and plastics products | 73,754,298 | 11,698,552 | 3,577,746 | 2,528,278 | 4,465,062 | 30,372 | -1,483,316 | 97,537,624 |
| 23 | Manufacture of other non-metallic mineral products | 157,603,414 | 147,901,454 | 46,747,342 | 19,804,223 | 17,924,883 | 5,362,196 | 3,922,629 | 391,420,882 |
| 24 | Manufacture of basic metals | 399,432,444 | 197,010,374 | 79,930,903 | 36,440,720 | 22,947,550 | 11,965,355 | 47,770,712 | 699,956,634 |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 62,144,617 | 40,283,817 | 3,263,962 | 11,866,454 | 8,785,792 | 2,786,503 | 969,431 | 128,161,714 |
| 26 | Manufacture of computer, electronic and optical products | 17,462,174 | 7,276,706 | 2,627,873 | 223,095 | 541,404 | 219 | -728,986 | 28,860,457 |
| 27 | Manufacture of electrical equipment | 222,287,138 | 67,274,425 | 2,219,373 | 9,328,552 | 3,808,805 | 2,497,921 | 5,677,645 | 301,738,570 |
| 28 | Manufacture of machinery and equipment n.e.c. | 5,968,917 | 988,036 | 426,670 | 5,216,619 | 1,376,157 | 39,754 | -2,734,796 | 16,750,949 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 4,850,692 | 67,354 | 39,758 | 4,095 | 133,696 | 0 | 128,527 | 4,967,067 |
| 30 | Manufacture of other transport equipment | 169,286 | 1,015,714 | 54,171 | 0 | 284,400 | 0 | 40,629 | 1,482,943 |
| 31 | Manufacture of furniture | 10,773,417 | 9,544,718 | 442,679 | 2,875,975 | 2,545,214 | 552,000 | -1,825,602 | 28,559,605 |
| 32 | Other manufacturing | 0 | 9,062,623 | 23,424 | 4,078 | 30,380 | 0 | -8,500 | 9,129,005 |
| 33 | Repair and installation of machinery and equipment | 3,861,165 | 3,447,096 | 292,859 | 219,241 | 816,420 | 0 | 602,627 | 8,034,154 |
| Manufacturing Sector | | 2,020,122,585 | 2,349,735,890 | 176,782,932 | 151,018,921 | 104,470,122 | 30,352,440 | 70,558,530 | 4,761,924,360 |

* establishments with 10 or more workers

¹ Closing Stock minus Opening Stock

Table 4.2: Electricity, water and fuels purchased by industrial activity (ISIC R4), 2012 - Manufacturing Sector*

| ISIC R4 | Description | Electricity | Water | Gas | Diesel | Gasoline/ Kerosene | Lubricants | Other fuels inc. LPG | Total purchased |
|-----------------------------|--|-------------------|-------------------|-------------------|-------------------|-----------------------|-------------------|-------------------------|--------------------|
| 10 | Manufacture of food products | 3,442,241 | 1,421,183 | 147,539 | 2,117,739 | 645,369 | 63,386 | 425,951 | 8,263,408 |
| 11 | Manufacture of beverages | 736,332 | 520,585 | 1,417 | 623,409 | 24,059 | 22,988 | 90,135 | 2,018,924 |
| 13 | Manufacture of textiles | 60,686 | 54,019 | 51,016 | 28,355 | 0 | 100 | 0 | 194,176 |
| 14 | Manufacture of wearing apparel | 318,380 | 322,693 | 0 | 0 | 0 | 0 | 1,303 | 642,376 |
| 15 | Manufacture of leather and related products | 13,898 | 1,527 | 0 | 0 | 0 | 0 | 0 | 15,425 |
| 16 | Manufacture of wood products except furniture | 163,869 | 25,134 | 240 | 6,450 | 1,705 | 50 | 3,051 | 200,498 |
| 17 | Manufacture of paper and paper products | 182,788 | 36,195 | 49,111 | 26,103 | 27,895 | 0 | 1,279 | 323,371 |
| 18 | Printing and reproduction of recorded media | 258,822 | 59,317 | 0 | 58,539 | 34,894 | 11,974 | 8,178 | 431,725 |
| 19 | Manufacture of coke and refined petroleum products | 876,620 | 259,672 | 60 | 159,079 | 1,839 | 1,747,010 | 2,570 | 3,046,850 |
| 20 | Manufacture of chemicals and chemical products | 11,774,036 | 6,117,197 | 2,167,805 | 661,003 | 110,093 | 25,590 | 316,069 | 21,171,793 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 319,528 | 66,293 | 0 | 56,954 | 4,052 | 0 | 380,799 | 827,626 |
| 22 | Manufacture of rubber and plastics products | 2,128,466 | 264,718 | 42,810 | 843,413 | 77,512 | 30,310 | 190,519 | 3,577,746 |
| 23 | Manufacture of other non-metallic mineral products | 16,397,127 | 2,358,639 | 7,420,465 | 18,329,694 | 330,309 | 1,705,678 | 205,431 | 46,747,342 |
| 24 | Manufacture of basic metals | 42,178,549 | 2,577,251 | 19,691,166 | 1,816,465 | 82,943 | 10,169,596 | 3,414,933 | 79,930,903 |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 1,034,289 | 321,879 | 147,115 | 920,688 | 192,807 | 138,642 | 508,543 | 3,263,962 |
| 26 | Manufacture of computer, electronic and optical products | 1,029,950 | 60,807 | 1,519,491 | 0 | 0 | 0 | 17,625 | 2,627,873 |
| 27 | Manufacture of electrical equipment | 1,443,477 | 572,876 | 115,385 | 30,930 | 37,404 | 16,042 | 3,259 | 2,219,373 |
| 28 | Manufacture of machinery and equipment n.e.c. | 98,536 | 20,536 | 50,510 | 204,252 | 30,509 | 22,303 | 24 | 426,670 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 9,812 | 6,138 | 0 | 700 | 1,852 | 15,306 | 5,950 | 39,758 |
| 30 | Manufacture of other transport equipment | 33,857 | 20,314 | 0 | 0 | 0 | 0 | 0 | 54,171 |
| 31 | Manufacture of furniture | 205,797 | 60,119 | 4,997 | 19,076 | 18,488 | 2,747 | 131,455 | 442,679 |
| 32 | Other manufacturing | 14,710 | 7,688 | 626 | 0 | 200 | 200 | 0 | 23,424 |
| 33 | Repair and installation of machinery and equipment | 50,571 | 10,415 | 0 | 120,371 | 1,100 | 0 | 110,402 | 292,859 |
| Manufacturing Sector | | 82,772,339 | 15,165,194 | 31,409,752 | 26,023,220 | 1,623,030 | 13,971,922 | 5,817,476 | 176,782,932 |

* establishments with 10 or more workers

5. STATISTICAL TABLES, ANNUAL INDUSTRIAL SURVEY, 2013

Table 4.3: Services consumed by industrial activity (ISIC R4), 2012 - Manufacturing Sector*

| ISIC R4 | Description | Industrial services | | Non-industrial services | | | | | | Total services |
|-----------------------------|--|-----------------------|-----------------------|-------------------------|-------------------|-------------------|-------------------|------------------|--------------------|--------------------|
| | | Contract & commission | Repairs & maintenance | Postage, etc. | Rentals, etc. | Storage etc. | Publicity etc. | Consultancy fees | Other ¹ | |
| 10 | Manufacture of food products | 1,109,089 | 4,332,139 | 743,592 | 4,013,363 | 4,852,091 | 3,420,552 | 553,425 | 1,551,399 | 20,575,650 |
| 11 | Manufacture of beverages | 0 | 735,250 | 212,422 | 666,632 | 1,400,304 | 4,147,008 | 115,086 | 165,739 | 7,442,441 |
| 13 | Manufacture of textiles | 149,410 | 61,402 | 91,593 | 144,184 | 209,026 | 179,836 | 65,785 | 67,262 | 968,497 |
| 14 | Manufacture of wearing apparel | 0 | 33,521 | 17,047 | 299,399 | 0 | 13,868 | 11,100 | 21,138 | 396,073 |
| 15 | Manufacture of leather and related products | 0 | 5,336 | 10,144 | 11,958 | 0 | 11,194 | 2,450 | 2,634 | 43,716 |
| 16 | Manufacture of wood products except furniture | 227,315 | 222,055 | 83,831 | 367,401 | 82,216 | 839 | 18,906 | 182,161 | 1,184,724 |
| 17 | Manufacture of paper and paper products | 358,945 | 300,546 | 68,754 | 75,434 | 377,323 | 108,461 | 49,440 | 32,534 | 1,371,437 |
| 18 | Printing and reproduction of recorded media | 1,117,366 | 459,063 | 225,162 | 1,262,985 | 130,710 | 135,276 | 48,234 | 322,597 | 3,701,392 |
| 19 | Manufacture of coke and refined petroleum products | 5,797,045 | 2,821,639 | 37,494 | 321,257 | 1,242,848 | 73,912 | 36,520 | 88,279 | 10,418,994 |
| 20 | Manufacture of chemicals and chemical products | 20,703,419 | 23,785,127 | 928,745 | 2,557,436 | 2,776,137 | 2,702,812 | 911,178 | 813,752 | 55,178,606 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 0 | 288,925 | 88,213 | 91,302 | 1,68,277 | 709,390 | 121,223 | 569,090 | 2,036,420 |
| 22 | Manufacture of rubber and plastics products | 866,114 | 1,662,163 | 330,447 | 815,115 | 1,615,588 | 659,457 | 497,277 | 547,179 | 6,993,340 |
| 23 | Manufacture of other non-metallic mineral products | 3,648,074 | 1,615,149 | 1,036,556 | 4,426,430 | 7,116,144 | 1,910,215 | 970,967 | 2,464,572 | 37,729,106 |
| 24 | Manufacture of basic metals | 14,871,009 | 21,569,711 | 1,167,619 | 8,524,961 | 3,171,508 | 4,002,903 | 1,556,478 | 4,524,081 | 59,388,270 |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 9,695,175 | 2,171,279 | 759,633 | 2,935,679 | 2,784,158 | 1,075,356 | 409,270 | 821,697 | 20,652,246 |
| 26 | Manufacture of computer, electronic and optical products | 82,291 | 140,804 | 81,688 | 187,312 | 24,291 | 20,085 | 43,705 | 184,323 | 764,499 |
| 27 | Manufacture of electrical equipment | 6,959,140 | 2,369,413 | 310,382 | 599,611 | 497,283 | 882,351 | 415,732 | 1,103,446 | 13,137,358 |
| 28 | Manufacture of machinery and equipment n.e.c. | 3,794,738 | 1,421,881 | 140,529 | 420,109 | 454,435 | 46,238 | 202,237 | 112,609 | 6,592,776 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 0 | 4,095 | 16,693 | 98,482 | 466 | 11,229 | 3,609 | 3,218 | 137,790 |
| 30 | Manufacture of other transport equipment | 0 | 0 | 40,629 | 243,771 | 0 | 0 | 0 | 0 | 284,400 |
| 31 | Manufacture of furniture | 2,709,026 | 1,66,949 | 184,915 | 1,165,860 | 1,62,122 | 202,906 | 63,406 | 766,005 | 5,421,189 |
| 32 | Other manufacturing | 0 | 4,078 | 3,960 | 25,470 | 0 | 0 | 850 | 100 | 34,458 |
| 33 | Repair and installation of machinery and equipment | 179,756 | 39,485 | 103,833 | 411,516 | 64,784 | 55,710 | 37,723 | 142,854 | 1,035,661 |
| Manufacturing Sector | | 72,267,912 | 78,751,009 | 6,683,879 | 29,665,666 | 27,129,709 | 20,369,598 | 6,134,601 | 14,486,669 | 255,489,043 |

* establishments with 10 or more workers

¹ includes bank charges

Table 5.1: Components of gross output by industrial activity (ISIC R4), 2012 - Manufacturing Sector

| ISIC R4 | Description | Sale of goods produced | | | Change in stocks ¹ | Industrial services | Non-industrial services | Other ² | Total Gross Output |
|-----------------------------|---|------------------------|----------------------|----------------------|-------------------------------|---------------------|-------------------------|--------------------|----------------------|
| | | Exports | Local market | Total | | | | | |
| 10 | Manufacture of food products | 208,925,915 | 296,735,872 | 505,661,787 | 3,974,050 | 488,687 | -1,400,195 | 868,326 | 509,592,654 |
| 11 | Manufacture of beverages | 888,842 | 98,961,096 | 99,849,938 | -41,007 | 29,423 | 443,985 | 1,029 | 100,283,369 |
| 13 | Manufacture of textiles | 6,676,312 | 13,671,827 | 20,348,139 | -37,318 | 444,055 | 71,230 | 0 | 20,826,105 |
| 14 | Manufacture of wearing apparel | 32,680 | 5,188,320 | 5,221,000 | -8,679 | 0 | 59,857 | 0 | 5,272,178 |
| 15 | Manufacture of leather and related products | 482,081 | 1,913,715 | 2,395,796 | -26,884 | 0 | 0 | 0 | 2,368,912 |
| 16 | Manufacture of wood products except furniture | 0 | 30,688,766 | 30,688,766 | 2,114,734 | 1,114,331 | 0 | 0 | 33,917,831 |
| 17 | Manufacture of paper and paper products | 10,221,750 | 21,141,683 | 31,363,433 | 169,588 | 0 | -224,680 | 221,850 | 31,530,191 |
| 18 | Printing and reproduction of recorded media | 350,019 | 50,314,894 | 50,664,913 | 438,729 | 8,486,194 | 315,677 | 611,751 | 60,517,264 |
| 19 | Manufacture of coke and refined petroleum products | 503,476,635 | 1,723,089,826 | 2,226,566,461 | -2,497,656 | 0 | 45,608 | 0 | 2,224,114,413 |
| 20 | Manufacture of chemicals and chemical products | 2,190,723,189 | 141,379,759 | 2,332,102,948 | 5,137,348 | 3,660,436 | 3,535,784 | 446,360 | 2,344,882,876 |
| 21 | Manufacture of pharmaceuticals, medicinal chemical and botanical products | 23,008,329 | 9,792,546 | 32,800,875 | -497 | 0 | -264,622 | 0 | 32,535,756 |
| 22 | Manufacture of rubber and plastics products | 33,250,960 | 101,327,701 | 134,578,661 | 2,844,221 | 600,524 | -124,213 | 5,213 | 137,904,405 |
| 23 | Manufacture of other non-metallic mineral products | 164,557,797 | 537,057,970 | 701,615,768 | 10,671,862 | 4,070,848 | 3,725,302 | 1,029,564 | 721,113,344 |
| 24 | Manufacture of basic metals | 709,919,651 | 312,842,107 | 1,022,761,759 | 5,003,439 | 43,451,522 | 1,042,183 | 4,782,660 | 1,077,041,564 |
| 25 | Manufacture of fabricated metal products, except machinery and equipment | 39,187,882 | 128,719,327 | 167,907,209 | 5,683,178 | 46,743,475 | 9,852,824 | 2,985,508 | 233,172,193 |
| 26 | Manufacture of computer, electronic and optical products | 40,972,373 | 4,085,476 | 45,057,849 | 687,637 | 15,594 | -991,444 | 0 | 44,769,636 |
| 27 | Manufacture of electrical equipment | 211,258,125 | 234,654,582 | 445,912,706 | 2,827,804 | 24,151,363 | -970,272 | 0 | 471,921,602 |
| 28 | Manufacture of machinery and equipment n.e.c. | 240,452 | 14,358,323 | 14,598,775 | 3,978,347 | 20,733,986 | 1,482,357 | 0 | 40,793,465 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 0 | 5,982,120 | 5,982,120 | 2,019,360 | 0 | 0 | 0 | 8,001,480 |
| 30 | Manufacture of other transport equipment | 0 | 2,370,000 | 2,370,000 | 33,857 | 0 | 0 | 0 | 2,403,857 |
| 31 | Manufacture of furniture | 11,880,903 | 21,620,888 | 33,501,791 | 1,076,978 | 16,987,995 | 1,871,446 | 0 | 53,438,210 |
| 32 | Other manufacturing | 8,168,182 | 3,574,000 | 11,742,182 | -16,427 | 0 | 0 | 0 | 11,725,755 |
| 33 | Repair and installation of machinery and equipment | 824,936 | 66,400,993 | 67,225,929 | 1,019,160 | 15,029,152 | 0 | 0 | 83,274,241 |
| Manufacturing Sector | | 4,165,047,013 | 3,825,871,791 | 7,990,918,805 | 45,051,824 | 186,007,584 | 18,470,827 | 10,952,262 | 8,251,401,302 |

* establishments with 10 or more workers

1 Closing Stock minus Opening Stock

2 Sale of electricity and water

5. STATISTICAL TABLES, ANNUAL INDUSTRIAL SURVEY, 2013

Table 6.1: Change in stock1 by industrial activity (ISIC R4), 2012 - Manufacturing Sector*

| ISIC R4 | Description | Fuels | Materials and supplies | Work in Progress | Finished Products | Goods Purchased for re-sale | Total |
|-----------------------------|--|------------------|------------------------|-------------------|-------------------|-----------------------------|--------------------|
| 10 | Manufacture of food products | 21,033 | 17,321,242 | 1,020,102 | 655,995 | 2,297,954 | 21,316,325 |
| 11 | Manufacture of beverages | 36,754 | -436,263 | 0 | 12,776 | -53,783 | -440,515 |
| 13 | Manufacture of textiles | -105 | -28,318 | 11,599 | -49,440 | 523 | -65,741 |
| 14 | Manufacture of wearing apparel | 0 | 660,846 | -36,581 | -23,508 | 51,410 | 652,167 |
| 15 | Manufacture of leather and related products | 0 | 36,979 | 11,618 | -38,502 | 0 | 10,095 |
| 16 | Manufacture of wood products except furniture | 94 | 119,148 | 1,185,510 | -200 | 929,424 | 2,233,976 |
| 17 | Manufacture of paper and paper products | -11,078 | -247,167 | -38,047 | 14,995 | 192,640 | -88,657 |
| 18 | Printing and reproduction of recorded media | 1,536 | -382,326 | 40,791 | -92,082 | 490,020 | 57,939 |
| 19 | Manufacture of coke and refined petroleum products | -130,785 | -3,096,186 | 86,810 | -2,589,206 | 4,740 | -5,724,627 |
| 20 | Manufacture of chemicals and chemical products | 2,434 | 4,245,715 | 540,322 | 3,707,020 | 890,006 | 9,385,497 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 0 | 113,977 | 200,172 | -201,334 | 665 | 113,480 |
| 22 | Manufacture of rubber and plastics products | -4,925 | -1,478,391 | 773,621 | 1,963,890 | 106,709 | 1,360,904 |
| 23 | Manufacture of other non-metallic mineral products | 121,942 | 3,800,687 | 896,823 | 9,645,096 | 129,943 | 14,594,491 |
| 24 | Manufacture of basic metals | 8,066,298 | 39,704,414 | -1,027,779 | 5,883,222 | 147,996 | 52,774,151 |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 1,729 | 967,702 | 4,878,709 | 831,971 | -27,502 | 6,652,609 |
| 26 | Manufacture of computer, electronic and optical products | 0 | -728,986 | -65,094 | 752,731 | 0 | -41,349 |
| 27 | Manufacture of electrical equipment | 120 | 5,677,525 | 1,001,969 | 1,635,779 | 190,056 | 8,505,450 |
| 28 | Manufacture of machinery and equipment n.e.c. | 0 | -2,734,796 | -3,887 | 3,932,938 | 49,296 | 1,243,551 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 0 | 128,527 | -72,585 | -45,119 | 2,137,063 | 2,147,887 |
| 30 | Manufacture of other transport equipment | 0 | 40,629 | 33,857 | 0 | 0 | 74,486 |
| 31 | Manufacture of furniture | 2 | -1,825,604 | 872,895 | 186,598 | 17,485 | -748,624 |
| 32 | Other manufacturing | 0 | -8,500 | 5,000 | -21,427 | 0 | -24,927 |
| 33 | Repair and installation of machinery and equipment | -2,795 | 605,422 | 1,009,394 | 0 | 9,766 | 1,621,787 |
| Manufacturing Sector | | 8,102,254 | 62,456,277 | 11,325,220 | 26,162,193 | 7,564,411 | 115,610,355 |

* establishments with 10 or more workers

1 Closing Stock minus Opening Stock

Table 7.1: Value of fixed assets at end of 2012 by industrial activity and type - Manufacturing Sector*

| ISIC R4 | Description | Land | Buildings, etc. | Transport equipment | ICT equipment | Machinery & other equip. | Other | Total |
|-----------------------------|--|--------------------|--------------------|---------------------|-------------------|--------------------------|--------------------|----------------------|
| 10 | Manufacture of food products | 9,283,553 | 64,947,742 | 8,453,780 | 4,593,190 | 99,799,437 | 7,819,683 | 194,897,385 |
| 11 | Manufacture of beverages | 2,423,183 | 3,399,921 | 2,594,408 | 715,823 | 13,859,383 | 3,287,230 | 26,279,949 |
| 13 | Manufacture of textiles | 2,183 | -6,902,371 | 164,166 | 15,926 | 4,317,866 | 26,576 | -2,375,655 |
| 14 | Manufacture of wearing apparel | 228,156 | 777,534 | 61,762 | 525,358 | 49,087 | 163,869 | 1,805,766 |
| 15 | Manufacture of leather and related products | 0 | 394,986 | 43,950 | 2,638 | 478,585 | 4,786 | 924,945 |
| 16 | Manufacture of wood products except furniture | 235,000 | 624,546 | 364,148 | 2,007,845 | 2,093,922 | 56,251 | 5,381,713 |
| 17 | Manufacture of paper and paper products | 50,000 | 3,815,293 | 362,504 | 50,614 | 6,646,698 | 177,565 | 11,102,674 |
| 18 | Printing and reproduction of recorded media | 2,348,125 | 1,615,173 | 737,327 | 254,767 | 11,007,298 | 1,050,377 | 17,013,067 |
| 19 | Manufacture of coke and refined petroleum products | 85,000 | 12,903,861 | 888,365 | -243,042 | 530,468,589 | 1,632,600 | 545,735,373 |
| 20 | Manufacture of chemicals and chemical products | 21,409,156 | 40,873,656 | 3,348,893 | 798,504 | 329,993,139 | 9,434,029 | 405,857,377 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 2,065,000 | 2,757,163 | 51,806 | 0 | 2,762,195 | 99,391 | 7,735,555 |
| 22 | Manufacture of rubber and plastics products | 26,272,079 | 17,055,619 | 1,529,134 | 382,001 | 32,882,265 | 3,763,559 | 81,884,657 |
| 23 | Manufacture of other non-metallic mineral products | 39,120,590 | 96,683,706 | 40,034,006 | 1,974,110 | 245,096,655 | 18,805,236 | 441,714,303 |
| 24 | Manufacture of basic metals | 1,864,581 | 191,395,923 | 3,525,678 | 2,286,014 | 1,168,571,873 | 64,938,531 | 1,492,582,600 |
| 25 | Manufacture of fabricated metal products, exc. machinery and equipment | 9,251,596 | 33,345,868 | 7,145,900 | 1,296,851 | 24,611,292 | 3,141,560 | 78,793,068 |
| 26 | Manufacture of computer, electronic and optical products | 198,080 | 1,159,225 | 37,281 | 112,162 | 20,063,921 | 40,510 | 21,611,179 |
| 27 | Manufacture of electrical equipment | 698,535 | 20,556,585 | 596,595 | 606,054 | 46,881,225 | 3,584,457 | 72,923,451 |
| 28 | Manufacture of machinery and equipment n.e.c. | 2,850,000 | 4,919,453 | 214,900 | 191,239 | 10,062,078 | 366,795 | 18,604,465 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 0 | 1,050,952 | 39,407 | 41,802 | 167,058 | 4,090 | 1,303,309 |
| 30 | Manufacture of other transport equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | Manufacture of furniture | 384,437 | 4,918,761 | 649,140 | 520,036 | 4,375,684 | 1,502,093 | 12,350,151 |
| 32 | Other manufacturing | 0 | 15,948 | 0 | 0 | 11,155 | 1,208 | 28,311 |
| 33 | Repair and installation of machinery and equipment | 0 | 4,521,652 | 491,096 | 85,864 | 2,386,526 | 917,211 | 8,402,349 |
| Manufacturing Sector | | 118,769,255 | 500,831,195 | 71,334,247 | 16,217,757 | 2,556,585,931 | 120,817,607 | 3,384,555,991 |

* establishments with 10 or more workers

5. STATISTICAL TABLES, ANNUAL INDUSTRIAL SURVEY, 2013

Table 7.2: Net investment by industrial activity (ISIC R4) and type, 2012 - Manufacturing Sector*

| ISIC R4 | Description | Land | | Building | | Machinery & other equipment ¹ | | Other | | Total | | |
|-----------------------------|---|-------------------|----------------|-------------------|------------------|--|-------------------|-------------------|-------------------|--------------------|-------------------|--------------------|
| | | Additions | Sales | Additions | Sales | Additions | Sales | Additions | Sales | Additions | Sales | Net Investment |
| 10 | Manufacture of food products | 2,179,293 | 0 | 6,862,860 | 75,429 | 20,840,811 | 15,158,728 | 2,393,731 | 2,572,611 | 32,276,695 | 17,806,768 | 50,083,462 |
| 11 | Manufacture of beverages | 451,149 | 0 | 173,221 | 0 | 2,998,787 | 1,265,454 | 2,703,038 | 8,470 | 6,326,195 | 1,273,924 | 7,600,119 |
| 13 | Manufacture of textiles | 0 | 0 | 14,493 | 0 | 302,380 | 18,094 | 2,528 | 0 | 319,400 | 18,094 | 337,494 |
| 14 | Manufacture of wearing apparel | 0 | 0 | 0 | 0 | 24,206 | 247,170 | 53,432 | 116,119 | 77,638 | 363,289 | 440,927 |
| 15 | Manufacture of leather and related products | 0 | 0 | 0 | 0 | 15,013 | 2,038 | 120 | 0 | 15,133 | 2,038 | 17,171 |
| 16 | Manufacture of wood products except furniture | 0 | 0 | 112,218 | 0 | 2,991,647 | 0 | 0 | 0 | 3,103,865 | 0 | 3,103,865 |
| 17 | Manufacture of paper and paper products | 0 | 0 | 200,752 | 0 | 1,242,630 | 73,285 | 23,121 | 596 | 1,466,503 | 73,881 | 1,540,384 |
| 18 | Printing and reproduction of recorded media | 70,000 | 0 | 252,934 | 16,333 | 2,030,529 | 224,502 | 204,646 | 24,265 | 2,558,109 | 265,100 | 2,823,209 |
| 19 | Manufacture of coke and refined petroleum products | 0 | 0 | 600 | 0 | 2,836,044 | 43,500 | 134,635 | 1,194 | 2,971,279 | 44,694 | 3,015,973 |
| 20 | Manufacture of chemicals and chemical products | 819,083 | 32,426 | 5,526,543 | 1,498 | 14,860,944 | 2,628,810 | 1,469,110 | 183,113 | 22,675,680 | 479,847 | 23,155,527 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 0 | 0 | 9,795 | 0 | 495,386 | 4,000 | 38,460 | 49,187 | 543,641 | 53,187 | 596,828 |
| 22 | Manufacture of rubber and plastics products | 923,563 | 0 | 1,751,497 | 411,774 | 5,555,402 | 1,118,960 | 1,525,931 | 44,344 | 9,756,392 | 1,575,077 | 11,331,469 |
| 23 | Manufacture of other non-metallic mineral products | 7,059,826 | 302,085 | 10,718,768 | 102,859 | 37,258,150 | 6,169,039 | 10,984,574 | 2,107,932 | 66,021,319 | 8,681,915 | 74,703,233 |
| 24 | Manufacture of basic metals | 307,317 | 0 | 13,034,479 | 0 | 41,689,192 | 3,932,672 | 57,951,307 | 6,556,068 | 112,982,296 | 10,488,740 | 123,471,036 |
| 25 | Man. of fabricated metal products, exc. machinery and equipment | 782,646 | 0 | 4,328,946 | 93,114 | 16,099,180 | 1,155,083 | 1,987,431 | 72,972 | 23,198,204 | 1,321,170 | 24,519,374 |
| 26 | Manufacture of computer, electronic and optical products | 56,785 | 0 | 187,942 | 230,742 | 512,971 | 1,155,576 | 5,963 | 181,451 | 763,661 | 1,567,769 | 2,331,430 |
| 27 | Manufacture of electrical equipment | 453,522 | 0 | 1,893,323 | 763,822 | 6,864,228 | 1,809,834 | 4,114,969 | 4,459,305 | 13,326,042 | 7,032,962 | 20,359,004 |
| 28 | Manufacture of machinery and equipment n.e.c. | 0 | 0 | 85,095 | 42,561 | 1,398,793 | 1,209,458 | 96,953 | 36,697 | 1,580,841 | 1,288,716 | 2,869,557 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 0 | 0 | 0 | 0 | 123,576 | 2,735 | 3,693 | 0 | 127,269 | 2,735 | 130,004 |
| 30 | Manufacture of other transport equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | Manufacture of furniture | 0 | 0 | 880,391 | 61,300 | 2,420,747 | 82,235 | 581,310 | 5,992 | 3,882,448 | 149,527 | 4,031,975 |
| 32 | Other manufacturing | 0 | 0 | 0 | 0 | 5,451 | 0 | 1,400 | 0 | 6,851 | 0 | 6,851 |
| 33 | Repair and installation of machinery and equipment | 0 | 0 | 291,604 | 38,170 | 332,592 | 176,517 | 299,212 | 225,917 | 923,408 | 440,604 | 1,364,012 |
| Manufacturing Sector | | 13,103,183 | 334,511 | 46,325,462 | 1,837,602 | 160,898,659 | 34,111,691 | 84,575,564 | 16,646,232 | 304,902,868 | 52,930,036 | 357,832,904 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

¹ includes transport and ICT equipment

Table 8.1: Production account by industrial activity (ISIC R4), 2012 - Manufacturing Sector*

| ISIC R4 | Description | Number of employees | Gross output | Intermediate consumption | Value added (b.p) | Taxes | Subsidies | Value added (f.c) | Compensation of employees | G/operating surplus |
|-----------------------------|---|---------------------|----------------------|--------------------------|----------------------|------------------|-------------------|----------------------|---------------------------|----------------------|
| 10 | Manufacture of food products | 9,050 | 509,592,654 | 352,051,573 | 157,541,081 | 540,299 | 20,620,090 | 177,620,872 | 42,736,455 | 134,884,417 |
| 11 | Manufacture of beverages | 2,804 | 100,283,369 | 57,807,583 | 42,475,786 | 174,772 | 0 | 42,301,014 | 15,177,427 | 27,123,588 |
| 13 | Manufacture of textiles | 660 | 20,826,105 | 12,836,000 | 7,990,106 | 43,130 | 0 | 7,946,976 | 2,960,076 | 4,986,899 |
| 14 | Manufacture of wearing apparel | 701 | 5,272,178 | 3,029,148 | 2,243,030 | 8,563 | 0 | 2,234,467 | 1,775,271 | 459,196 |
| 15 | Manufacture of leather and related products | 146 | 2,368,912 | 1,260,074 | 1,108,838 | 0 | 0 | 1,108,838 | 436,149 | 672,689 |
| 16 | Manufacture of wood products except furniture | 2,524 | 33,917,831 | 18,920,853 | 14,996,978 | 255,687 | 0 | 14,741,291 | 7,265,053 | 7,476,238 |
| 17 | Manufacture of paper and paper products | 482 | 31,530,191 | 23,715,749 | 7,814,442 | 7,933 | 0 | 7,806,509 | 2,941,162 | 4,865,347 |
| 18 | Printing and reproduction of recorded media | 1,580 | 60,517,264 | 21,044,176 | 39,473,088 | 83,818 | 0 | 39,389,270 | 7,085,159 | 32,304,111 |
| 19 | Manufacture of coke and refined petroleum products | 1,906 | 2,224,114,413 | 1,570,858,628 | 653,255,785 | 26,392 | 0 | 653,229,393 | 19,370,399 | 633,858,994 |
| 20 | Manufacture of chemicals and chemical products | 4,833 | 2,344,882,876 | 967,219,287 | 1,377,663,589 | 404,796 | 0 | 1,377,258,793 | 60,664,729 | 1,316,594,064 |
| 21 | Man. of pharmaceuticals, medicinal and chemical products | 669 | 32,535,756 | 16,581,685 | 15,954,071 | 19,117 | 0 | 15,934,954 | 4,582,927 | 11,352,027 |
| 22 | Manufacture of rubber and plastics products | 4,367 | 137,904,405 | 97,537,624 | 40,366,781 | 217,262 | 4,024 | 40,153,542 | 19,706,615 | 20,446,927 |
| 23 | Manufacture of other non-metallic mineral products | 14,536 | 721,113,344 | 391,420,882 | 329,692,462 | 2,013,766 | 1,463 | 327,680,159 | 68,516,630 | 259,163,529 |
| 24 | Manufacture of basic metals | 8,187 | 1,077,041,564 | 699,956,634 | 377,084,930 | 3,897,332 | 0 | 373,187,597 | 68,225,204 | 304,962,393 |
| 25 | Man. of fabricated metal products, exc. machinery and equipment | 8,457 | 233,172,193 | 128,161,714 | 105,010,479 | 581,172 | 1,492 | 104,430,800 | 43,639,837 | 60,790,962 |
| 26 | Manufacture of computer, electronic and optical products | 351 | 44,769,636 | 28,860,457 | 15,909,179 | 9,787 | 0 | 15,899,392 | 2,093,274 | 13,806,118 |
| 27 | Manufacture of electrical equipment | 3,152 | 471,921,602 | 301,738,570 | 170,183,033 | 59,169 | 0 | 170,123,863 | 22,265,076 | 147,858,788 |
| 28 | Manufacture of machinery and equipment n.e.c. | 695 | 40,793,465 | 16,750,949 | 24,042,516 | 9,106 | 0 | 24,033,410 | 6,255,694 | 17,777,716 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 133 | 8,001,480 | 4,967,067 | 3,034,413 | 0 | 0 | 3,034,413 | 496,458 | 2,537,955 |
| 30 | Manufacture of other transport equipment | 406 | 2,403,857 | 1,482,943 | 920,914 | 0 | 0 | 920,914 | 888,344 | 32,571 |
| 31 | Manufacture of furniture | 2,905 | 53,438,210 | 28,559,605 | 24,878,605 | 4,680 | 0 | 24,873,925 | 10,545,016 | 14,328,909 |
| 32 | Other manufacturing | 87 | 11,725,755 | 9,129,005 | 2,596,750 | 1,500 | 0 | 2,595,250 | 189,549 | 2,405,701 |
| 33 | Repair and installation of machinery and equipment | 1,262 | 83,274,241 | 8,034,154 | 75,240,087 | 10,895 | 0 | 75,229,192 | 5,977,814 | 69,251,378 |
| Manufacturing Sector | | 69,892 | 8,251,401,302 | 4,761,924,360 | 3,489,476,942 | 8,369,177 | 20,627,069 | 3,501,734,834 | 413,794,317 | 3,087,940,517 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table 8.2: Production account by industrial activity (ISIC R4), 2011 - Manufacturing Sector*

| ISIC R4 | Description | Gross output | Intermediate consumption | Value added (b.p) | Taxes | Subsidies | Value added (f.c) | Compensation of employees | G/operating surplus |
|-----------------------------|---|----------------------|--------------------------|----------------------|------------------|-------------------|----------------------|---------------------------|----------------------|
| 10 | Manufacture of food products | 479,896,412 | 331,535,954 | 148,360,458 | 508,814 | 19,418,465 | 167,270,109 | 40,246,010 | 127,024,099 |
| 11 | Manufacture of beverages | 100,753,893 | 58,078,813 | 42,675,080 | 175,592 | 0 | 42,499,489 | 15,248,638 | 27,250,850 |
| 13 | Manufacture of textiles | 24,188,248 | 14,908,228 | 9,280,019 | 50,093 | 0 | 9,229,926 | 3,437,947 | 5,791,979 |
| 14 | Manufacture of wearing apparel | 4,735,662 | 2,720,891 | 2,014,771 | 7,692 | 0 | 2,007,079 | 1,594,613 | 412,467 |
| 15 | Manufacture of leather and related products | 2,167,816 | 1,153,107 | 1,014,709 | 0 | 0 | 1,014,709 | 399,124 | 615,585 |
| 16 | Manufacture of wood products except furniture | 59,677,612 | 33,290,789 | 26,386,824 | 449,875 | 0 | 25,936,948 | 12,782,686 | 13,154,262 |
| 17 | Manufacture of paper and paper products | 37,216,703 | 27,992,916 | 9,223,787 | 9,364 | 0 | 9,214,423 | 3,471,604 | 5,742,819 |
| 18 | Printing and reproduction of recorded media | 48,129,592 | 16,736,507 | 31,393,085 | 66,661 | 0 | 31,326,424 | 5,634,851 | 25,691,573 |
| 19 | Manufacture of coke and refined petroleum products | 1,892,966,784 | 1,336,974,028 | 555,992,756 | 22,463 | 0 | 555,970,294 | 16,486,347 | 539,483,947 |
| 20 | Manufacture of chemicals and chemical products | 1,527,687,575 | 630,141,873 | 897,545,702 | 263,724 | 0 | 897,281,978 | 39,522,977 | 857,759,001 |
| 21 | Manufacture of pharmaceuticals, medicinal chemical and botanical products | 28,574,994 | 14,563,102 | 14,011,891 | 16,790 | 0 | 13,995,102 | 4,025,021 | 9,970,080 |
| 22 | Manufacture of rubber and plastics products | 119,134,787 | 84,262,168 | 34,872,620 | 187,692 | 3,476 | 34,688,404 | 17,024,426 | 17,663,978 |
| 23 | Manufacture of other non-metallic mineral products | 598,289,406 | 324,751,953 | 273,537,453 | 1,670,771 | 1,214 | 271,867,896 | 56,846,506 | 215,021,390 |
| 24 | Manufacture of basic metals | 875,308,276 | 568,852,545 | 306,455,731 | 3,167,350 | 0 | 303,288,381 | 55,446,408 | 247,841,973 |
| 25 | Manufacture of fabricated metal products, except machinery and equipment | 155,923,943 | 85,702,671 | 70,221,272 | 388,634 | 998 | 69,833,636 | 29,182,277 | 40,651,359 |
| 26 | Manufacture of computer, electronic and optical products | 47,065,515 | 30,340,480 | 16,725,034 | 10,289 | 0 | 16,714,745 | 2,200,621 | 14,514,124 |
| 27 | Manufacture of electrical equipment | 446,259,555 | 285,330,697 | 160,928,858 | 55,952 | 0 | 160,872,906 | 21,054,350 | 139,818,556 |
| 28 | Manufacture of machinery and equipment n.e.c. | 37,991,236 | 15,600,275 | 22,390,962 | 8,480 | 0 | 22,382,481 | 5,825,971 | 16,556,510 |
| 29 | Manufacture of motor vehicles, trailers and semi-trailers | 28,208,033 | 17,510,660 | 10,697,373 | 0 | 0 | 10,697,373 | 1,750,190 | 8,947,183 |
| 30 | Manufacture of other transport equipment | 5,118,242 | 3,157,451 | 1,960,791 | 0 | 0 | 1,960,791 | 1,891,443 | 69,349 |
| 31 | Manufacture of furniture | 62,589,273 | 33,450,314 | 29,138,959 | 5,481 | 0 | 29,133,477 | 12,350,805 | 16,782,673 |
| 32 | Other manufacturing | 11,870,901 | 9,242,008 | 2,628,894 | 1,519 | 0 | 2,627,375 | 191,895 | 2,435,480 |
| 33 | Repair and installation of machinery and equipment | 27,450,731 | 2,648,399 | 24,802,332 | 3,591 | 0 | 24,798,740 | 1,970,542 | 22,828,199 |
| Manufacturing Sector | | 6,621,205,188 | 3,928,945,828 | 2,692,259,361 | 7,070,825 | 19,424,153 | 2,704,612,689 | 348,585,255 | 2,356,027,434 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table 9: Purchases and sales by product and origin, 2012 - Manufacturing Sector*

| CPC Section | Description | Purchases | | | Sales | | |
|-------------------------------|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | | Imports | Local | Total | Exports | Local | Total |
| Section 0 | Agriculture, forestry and fishery products | 126,694,145 | 29,371,020 | 156,065,166 | 10,710,187 | 28,834,963 | 39,545,151 |
| Section 1 | Ores and minerals; electricity, gas and water | 34,499,800 | 1,903,042,868 | 1,937,542,668 | 1,766,375,531 | 157,964,020 | 1,924,339,551 |
| Section 2 | Food products, beverages and tobacco; textiles, apparel and leather products | 142,820,033 | 35,736,226 | 178,556,258 | 212,747,213 | 382,312,265 | 595,059,478 |
| Section 3 | Other transportable goods, except metal products, machinery and equipment | 907,756,267 | 204,805,798 | 1,112,562,065 | 1,405,503,768 | 2,647,908,746 | 4,053,412,514 |
| Section 4 | Metal products, machinery and equipment | 749,650,086 | 234,355,998 | 984,006,084 | 1,022,902,674 | 770,939,938 | 1,793,842,611 |
| Section 8 | Business and production services | 25,764 | 283,372 | 309,136 | 0 | 2,943,958 | 2,943,958 |
| Section 9 | Community, social and personal services | 0 | 0 | 0 | 0 | 687,114 | 687,114 |
| | Packing materials | 45,810,672 | 26,635,540 | 72,446,211 | 0 | 0 | 0 |
| | Stationeries | 15,101,115 | 16,071,673 | 31,172,788 | 0 | 0 | 0 |
| | Other, not reported | 130,122,688 | 46,493,565 | 176,616,253 | 6,944,744 | 29,506,913 | 36,451,657 |
| Total all CPC Sections | | 2,152,480,570 | 2,496,796,060 | 4,649,276,629 | 4,425,184,118 | 4,021,097,918 | 8,446,282,036 |

* establishments licensed with the Ministry of Commerce and Industry employing 10 or more workers

Table 10 : Problems encountered by establishments, 2012

| Problem | % of responses |
|----------------------------------|----------------|
| High cost of production | 20 |
| Unfair competition | 13 |
| Shortage of skilled operatives | 11 |
| Transport problems | 9 |
| Shortage of raw materials | 8 |
| Insufficient Demand | 7 |
| Financial problems | 6 |
| Insufficient storage capacity | 5 |
| Insufficient production capacity | 4 |
| Telecommunication and IT | 3 |
| Inadequate supply of water | 3 |
| Lack of equipment | 3 |
| Shortage of management skills | 2 |
| Poor quality of raw materials | 2 |
| Illegal imports | 2 |
| Inadequate supply of electricity | 1 |
| Total | 100 |

ANNEX “A”

Instructions for filling in the questionnaire

Introduction

The Annual Survey

Annual surveys of industrial establishments are an essential part of an integrated system of national industrial statistics. Besides providing information on the structure and level of activity, the survey is also directed towards collecting data required for industrial planning and policy formulation as well as to meet the needs of numerous users inside and outside the Government. Sound policy decisions based on accurate data are of great significance to promote specific industries in the public as well as in the private sector. The present survey covers establishments in the Manufacturing Sector.

Legal Authorisation

The Survey is being conducted according to provisions laid down under the law (No 29/2001 issued on 7th April 2001) which makes completion of this questionnaire obligatory. The same law ensures that the information given by an establishment is treated as strictly confidential. Enumerators are, therefore, not permitted to show completed questionnaires to any unauthorised persons or to make a copy of them, or to divulge directly or indirectly any information in respect of their contents.

Notes For Filling In The Questionnaire

PART I

1.1 Name of establishment

Definition of an establishment:

An establishment is defined as an economic unit that engages, under a single legal entity, in one, or predominantly one, kind of activity at a single physical location - for example, a mine, factory or workshop.

Please provide the name in both Arabic and Latin.

1.2 Establishment No.

For official use - this is the code by which the establishment is identified.

1.3 Physical location of establishment

This information is essential for the geographical tabulation of activities. Please make sure that the answer to this item relates to the actual physical location (i.e. the site of the plant) which may be different from the mailing address.

1.4 Does the establishment operate in an industrial estate/zone?

If yes, please provide the name of the estate.

1.5 Telephone No.

1.6 Mobile

1.7 Fax No.

1.8 E-mail

1.9 Registration No.

Please provide both the commercial and industrial registration numbers

1.10 Name of contact person, designation and telephone number**1.11 Economic organisation of this establishment**

Please tick as appropriate.

A single establishment is an establishment as defined at 1.1 which does not own or control any other unit and is not controlled by any other unit (head office).

Head office is a unit which owns or controls other establishments (branches).

Tick box 3 if the establishment (branch) is owned and controlled by another unit which acts as its head office. The name and address of the head office should be provided in this case.

1.12 Paid-up Capital (R.O)

If the establishment's legal status is sole proprietorship, please provide the capital investment at the start of the business.

If establishment's legal status is not 'Sole proprietorship', please provide both capital invested by Omani and Non-Omanis. For Non-Omanis, the capital should be reported by country of origin. Please include G.C.C as well

1.13 Origin of ownership

National: if establishment is owned wholly by Omanis.

Foreign: if establishment is owned wholly by non-Omanis.

Joint: if establishment is jointly owned by both Omanis and non-Omanis. Please

indicate also the percentage of the capital owned by non-Omanis. This percentage can be checked from 1.12

1.14 Form of ownership

Please indicate whether public (i.e. an establishment owned by the Government), private (i.e. an establishment owned by private individuals), mixed or cooperative (i.e. profit-making establishment whose profits are shared amongst its members).

1.15 Type of legal organisation

(Ministry to provide/confirm definitions)

Joint Stock Company is a company comprising individuals whose interests in the company are represented by negotiable shares. Each shareholder is responsible personally for all the company's debt.

Limited Liability Company is a company in which the liability of the shareholders is limited to the value of the shares of the shareholders.

Limited Partnership for a company that comprises general or limited partners. The general partners actually manage the business of the company and bear full responsibility for the company's operations, while the limited partners do not participate in the company's management. They only invest their money in it, and consequently, earn profits based on amount invested.

General Partnership for a company whose members shall equally share its obligations and liabilities as well as its profits.

Sole Proprietorship for an establishment owned by an individual who has the right to manage it by himself

1.16 Activity of establishment

The economic activity of an establishment is the final products it provides or the services it renders, e.g., a copper mine produces copper ore. An engineering company, which manufactures pumps and machinery for agricultural use, has an activity, which is the manufacture of agricultural machinery. A grocery store provides a service, that of retailing.

This survey covers only those establishments falling in manufacturing sector.

Please give details of the principal as well as the secondary activities of the establishment including the name of the main products manufactured.

1.17 Date started operation

Provide at least the year started operation, if not known exactly

1.18 Reference Year

The reference year to which data should refer to is 2012. If, however, different, please indicate the reference period.

1.19 No. of operating months during reference year

Indicate the number of months to which the data refer to, if the establishment has not been operating during the whole year.

PART II

2 Employment

2.1 Number of persons engaged

This is the total number of persons who work in or for the establishment. It includes working proprietors and partners, unpaid workers, managerial and professional staff, operatives and other employees. Please provide figures separately for residents and non-residents as at 30th June 2012 and 31 December 2012.

2.2 Number engaged as at 31st December 2012 by category

2.21 Working proprietors and partners

Working proprietors and partners are all individual proprietors and partners who are actively engaged in the work of the establishment without pay.

2.22 Unpaid workers include members of the household of any of the proprietors as well as other workers who work in the establishment without regular pay for at least one third of the normal working time of the establishment.

Employees

Employees are persons who work in or for the establishment and receive pay, in cash or in kind.

2.23 Managerial and professional staff

This category includes administrative, technical and clerical personnel such as salaried managers and directors, clerks, typists and the like.

2.24 & 2.25 Operatives, skilled and non-skilled

Operatives are persons who are directly engaged in the production or related activities of the establishment and who receive pay, in cash or in kind, at regular intervals. Examples are persons engaged in fabricating, processing or assembling, fitters, packers, repairmen, record-keeping personnel and inspectors. Please differentiate between skilled (those who have received formal training) and non-skilled operatives (those who have not received any formal training).

2.26 Other employees

These are persons who do not fall in the categories above such as gardeners and salesmen.

3. Compensation of employees during 2012**3.1 Detailed compensation by type****3.11 Gross wages and salaries**

This category covers all payments including bonuses and gratuities, rations, housing allowances and educational expenses made, in cash, to employees before deduction of taxes and contribution to pension and life insurance schemes.

3.12 Overtime payments**3.13 Reimbursement of travel expenses****3.14 Payment in kind**

Payment in kind is the net cost to the employer in providing to the employee

food, drink, car facilities, housing, fuel and other goods and services free of charge or at reduced prices

3.15 Employer's contribution to Social Security Schemes

This category covers payments made by the employer on behalf of his employees e.g., contribution to Social Security Schemes, Medical and Life Assurance Schemes, etc.

3.16 Other

These include employer's cost for providing uniforms and medical and welfare services (e.g. canteen)

3.2 Total Compensation by nationality and sex

If available, the total compensation reported at 3.1 should be split by (i) nationality and (ii) sex

3.3 Training expenses

Please provide any training expenses by (i) nationality and (ii) sex

4 Purchases made during reference period**4.1 Electricity generated, purchased and consumed****4.2 Water purchased, produced and consumed****4.3 Other fuels purchased**

List down the quantities and values of other fuels purchased during the reference period

4.4 Goods purchased during reference period

4.41 Purchase of goods to be sold in the same condition

This item covers goods sold in the same condition as purchased i.e., without further processing or transformation. Please note the sale value of these products and any stocks should be reported at 5.324 and 6.5 respectively.

4.42 Cost of materials for production of own fixed assets

These correspond to material bought specifically for the production of fixed assets to be used by the establishment.

4.43 Raw materials and supplies purchased for transformation

Included in this category are raw materials and other consumables including spare parts and components for repair and maintenance of machinery and equipment provided that their working life is less than 1 year. List the main materials used. All other materials are to be lumped together in the other category. Units of quantity are to be specified clearly. Please note that the valuation of products should be at delivered cost to the establishment inclusive of transport costs, excise duties and other indirect taxes but net of rebates and discounts received. Value of imported materials and supplies should include landing charges, customs and import duties, stamp duties, surcharges, etc.

Materials and supplies obtained from establishments, if any, of the same enterprise should be included.

Purchases in respect of major capital

repairs, construction of new fixed assets, or additions and improvements to existing one should be excluded. These should, however, be reported as acquisition of fixed assets (section 7).

4.5 Services consumed

4.51 Industrial services

4.511 Contract and commission work

This item covers payments made for work done by others on materials owned by the reporting establishment during the accounting period. Payments to employment agencies for leased employees should be included.

4.512 Cost of repairs and maintenance work

This category covers current minor repairs and maintenance works done by others on buildings and other fixed assets of the establishment (machinery, plant and other equipment including motor vehicles). Major additions, alterations and improvement to existing assets, which significantly extend their expected lifetime, should be excluded.

4.52 Non-industrial services

4.521 Postage and other communication costs

Costs such as postage, telephone, internet and telegraph charges

4.522 Rental of buildings and structures Include dwellings as well

4.523 Rental of machinery, plant and equipment

4.524 Storage and hire of transport

Amounts paid for storage or warehousing and hire of transport

4.525 Advertising and marketing services**4.526 Bank charges**

Exclude interests

4.527 Consultancy fees

Cost of business services such as advertising, legal, accountancy, marketing, bookkeeping and other professional services including computing services.

4.526 Other

Include other expenses such as expenses borne in connection with the treatment of waste generated by establishment, e.g., cost of recycling, incineration, etc.

4.6 Other disbursements**4.61 Interests and dividends paid excluding bank charges****4.62 Insurance paid****4.63 Income tax paid****4.64 Taxes on products**

Taxes on products are payable on goods and services when they are produced, sold, or used. Examples are excise duties or sales tax.

4.65 Other taxes on production

These taxes consist mainly of taxes on the ownership or use of land, buildings or other assets used in production, or on the labour employed or compensation

of employees paid. Examples are motor road vehicle taxes, municipal rates, duties and registration fees, business licences, payroll taxes, taxes on non-life insurance on assets, levies on the use of fixed assets.

4.66 Other expenses**5 Output****5.1 Sales from own production**

This item comprises the amount invoiced by the establishment during the reference period and corresponds to market sales of goods or services including those transferred to other establishments of the same enterprise. Shipments/sales/turnover should exclude VAT (value added tax) and other similar deductible taxes directly linked to the sales as well as all duties and taxes on products invoiced by the unit.

Included are all other invoiced charges for transport, packaging, etc. Quantity and value of main products and by-products produced and sold are to be indicated product-wise. Value of other products is to be lumped together in the other category. Price rebates and discounts and allowances on returned goods allowed to the customer should be deducted.

5.11 Main countries of exports

Please give the 3 main countries

5.12 Marketing of final products

Please indicate the percentages corresponding to direct selling, sales through intermediaries or direct exports.

5.2 Value of fixed assets produced for own use

Please provide an estimate of the value of fixed assets produced by the establishment for its own use.

5.3 Receipts from services rendered

5.31 Industrial services

5.311 Receipts from contract work done for others on their materials

Contract work consists of the processing, transformation or assembly of materials supplied by the units, which order the work.

5.312 Receipts from repair and installation work done for others

5.313 Other

5.32 Non-industrial services rendered to others

5.321 Revenue from the rental or lease of machinery and equipment

Income received from the rental or lease of machinery and other equipment.

5.322 Revenue from the rental or lease of buildings

Income received from the rental or lease of buildings.

5.323 Receipts from transport services rendered to others

5.324 Value of products sold in the same condition as purchased

5.325 Receipts from warehousing services

5.326 Other

Includes revenue from operation of employee facilities (e.g., canteens)

5.33 Other receipts

5.331 Interests and dividends received

5.332 Insurance premiums received

5.333 Subsidies received

This item covers payments that government makes to resident producing units on the basis of their production activities or the quantities or values of the goods or services they produce, sell or import.

5.334 Other

E.g., sales of scrap and refuse.

6 Value of stocks

This section is designed to measure changes in stocks during the enquiry period as well as the level of stocks. Data should be shown on the value of stocks at the beginning and the end of the accounting period for the following:

6.1 Fuels

This item should include the value of stocks of fuels.

6.2 Materials and supplies

This item should include the value of stocks of all materials, parts and components that enter into the product and other consumable supplies. Materials owned by the establishment, but held by others for processing, should be included, whereas materials owned by others, but held by

the establishment for processing are excluded.

6.3 Work in progress

This item refers to the value of all materials which have been partially processed but which are not usually sold without further processing. Work in progress of own-account construction of fixed assets should be excluded.

6.4 Finished goods

This should include all goods made by the establishment, which are ready for sale.

6.5 Goods purchased for resale

This item covers the value of any stocks of goods that the establishment has bought with the intention of reselling in the same form, i.e., without further processing or transformation.

7 Value of fixed assets

This section is designed to provide the gross additions to fixed assets by category of fixed assets. The net depreciated book values of fixed assets as at the beginning and the end of the accounting period are to be given by the following categories:

7.1 Land

Land refers to all land used for buildings, shed, etc. and within the premises of the establishment where the economic activity is carried out. If information is not available separately for land and buildings, rough estimate may be provided.

7.2 Buildings and other construction works

This category also includes factories, offices and warehouses; elevators and other equipment, which form part of the buildings as well as any land improvements. The value of land before improvement is to be given at 7.1 and should not to be included here.

7.3 Transport equipment

7.4 ICT equipment

The ICT equipment consists of devices using electronic controls and also the electronic components forming part of these devices.

7.5 Machinery and other equipment

This item includes all industrial machinery and other equipment such as construction machinery, cranes, fork-lift equipment and the like; power generating machinery; metalworking machinery; mining machinery; office machinery, equipment and furniture; and similar machinery and equipment and major renovations and alterations to these. Include also plants/machinery for treatment of waste.

7.6 Other

All other fixed assets not included above such as library and laboratory apparatus are included under this item.

PART III

This part seeks some qualitative information regarding the operation of the establishment during the reference period.

8 Miscellaneous

8.1 Quality management

8.2 Tenure of building occupied for own business

8.3 Total area occupied for own business

8.4 Utilisation of production capacity (%)

Please give the best estimate possible.

8.5 Environment management & technology

8.51 Is there any environmental regulations?

8.52 Does establishment have treatment facilities for waste?

Waste refers to materials generated by the production process that are not prime products (i.e. products produced for the market) and which has no further use and is to be discarded.

8.523 If yes, method of treatment and quantity treated, if available.

For each type of waste, indicate method of treatment and the quantity treated, if any. If quantity is not available, please indicate estimated percentage treated

Description of method of treatment:

Recycling: Recycling is defined as the reprocessing of waste material in a production process that diverts it from the waste stream

Incineration: Incineration is the burning of

wastes under controlled conditions

Landfill: Landfill is the final placement of waste into or onto the land in a controlled or uncontrolled way.

Composting: Composting is a biological process that submits biodegradable waste to decomposition resulting in a product that can be recovered and can be used to increase soil fertility

8.6 Does the establishment have any investment plans?

Self-explanatory: Please encircle as appropriate

8.7 Incentives obtained by establishment during reference period

Please list separately the amount of duty in Omani Rials from which the establishment was exempted on (i) plant and machinery and (ii) raw materials.

8.8 Problems encountered during reference period

Please list the main problems related to production and marketing activities that were encountered during the reference period.

Main statistics – for editing purposes

The Enumerator is required to fill in the box giving the main statistics based on the data provided by the establishment. These statistics are meant for the preliminary editing of the completed questionnaire for consistency, coherence and quality. In case of any queries, these should be settled with the respondent before leaving the premises of the establishment.

Checks to be carried

The following checks may help the enumerator/ Supervisor in editing the completed questionnaire.

- i. Check that all information is filled as required. If some establishments do not have data in the required details, please fill in at least those items marked with asterisks in Part II of the questionnaire.
- ii. Check all totals
- iii. Employment: The total number of persons engaged on 31st December 2012 by sex and nationality reported at Section 2.2 should correspond to those reported at Section 2.12
- iv. If "Form of ownership" is "Public, i.e. 1" in 1.14 then items 2.21 and 2.22 should be nil
- v. If a figure is reported at 4.41, then make sure that questions 5.324 and 6.5 are properly filled in (see also viii and x)
- vi. Percentages reported at 5.12 should total 100%. The percentage for exports should be coherent with data provided at 5.1.
- vii. If figures are reported at 5.2 then these should be included at Section 7 (see also x)
- viii. If a figure is reported at 5.324 then check 4.41 and 6.5 (see also v and x)
- ix. Value reported at 5.324 \geq 4.41 – Change in stocks of "Goods purchased for resale", i.e. 6.5(Closing – Opening)
- x. If figures are reported at 6.5 then check 4.41 and 5.324 (see also v and viii)
- xi. Additions $(7.2 + 7.3 + 7.4 + 7.5 + 7.6) \geq 5.2$
Calculated variables (Please refer to Section on Main Statistics - last page)
- xii. Value added should, in most cases, be positive
- xiii. Percentage of Value Added over Gross Output for an industrial establishment ranges from 20% to 60%. Please check % taking into consideration the local context.
- xiv. Percentage of Compensation of Employees over Value Added for an industrial establishment ranges from 40% to 60%. Please check % taking into consideration the local context.
- xv. Please check the Compensation of Employees (salaries and wages, etc.) per employee per month and decide whether it reflects the situation in Oman.
- xvi. For profit making establishments, Gross Operating Surplus should be positive in most cases, i.e. Gross Output $>$ Intermediate Consumption + Compensation of employees. Employers should have profits for their investments!

