

Industry  
Statistics

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# Industry Statistics

2010-2011

The Emirate  
Of Abu Dhabi



مركز الإحصاء  
STATISTICS CENTRE



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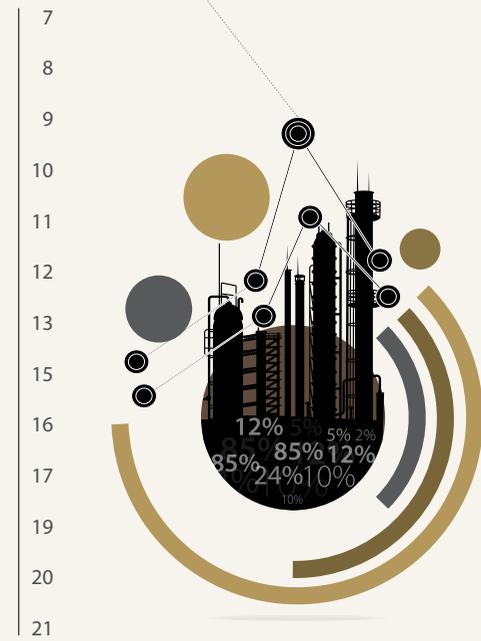
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## 1. Introduction

The Annual Economic survey is Statistics Centre Abu Dhabi's most comprehensive source of statistics of all economic activities in the Emirate of Abu Dhabi. This database is used in the estimation of the contribution of each activity to Gross Domestic Product and it also provide the data necessary to identify strengths and weaknesses in the Emirate's economy. The database provides the data necessary to support policy and economic decision- making in the emirate of Abu Dhabi.

To estimate the economic diversification and development in economic activities and their contribution to the Emirate's economy, the Statistics Centre - Abu Dhabi (SCAD) implemented this field survey for all activities according to the International Standard Industrial Classification of All Economic Activities (ISIC 4), adopting the latest international classifications and methodologies in this regard.



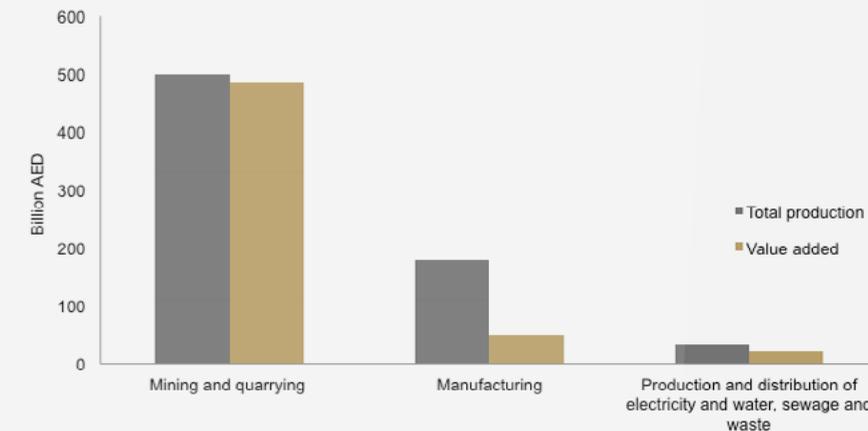
## 2. Key Points

- Value added of industry activity increased from AED 369.6 billion in 2010 to AED 551.7 billion in 2011 or 49.3%.
- Total production of industry activity increased from AED 488.6 billion in 2010 to AED 706.6 billion in 2011 or 44.6%.
- Intermediate consumption of industry activity increased from AED 119 billion in 2010 to AED 154.9 billion in 2011 or 30.2%.
- Number of employees in industry activity decreased from 209,776 in 2010 to 208,481 in 2011 or -0.6%.
- Compensation of employees by worker increased from AED 102.4 thousand in 2010 to about AED 112.9 thousand in 2011 or 10.3%.
- Mining and quarrying activity contributed the largest share of industry value added with 85.8% in 2010 and 87.9% in 2011.
- Average production per Employee increased from AED 2,329.3 thousand in 2010 to AED 3,389.2 thousand in 2011 or 45.5%.
- Average value added per employee increased from AED 1,761.8 thousand in 2010 to AED 2,646.3 thousand in 2011 or 50.2%.
- Wages and salaries per employee rose from AED 72.7 thousand in 2010 to AED 79.8 thousand in 2011 or 9.8%.
- The contribution to main activity production as a percentage of total production accounted for 85.3% in 2010 and 84.4% in 2011.

### 3. Results Analysis

Results of the Industry Survey 2011 showed that the total production of industry activity rose by AED 218 billion, an increase of 44.6% compared with 2010. The value of total production of the industry activity grew from AED 488.6 billion in 2010 to AED 706.6 billion in 2011; the growth was accompanied by a rise in the value added of the industry activity by 49.3% to AED 551.7 billion in 2011, as shown in Figure (1). The number of employees declined from 209,776 in 2010 to 208,481 in 2011, a decrease of 0.6%. Compensation of employees increased from AED 23.5 billion in 2010 to AED 21.5 billion in 2011, an increase of 9.5%.

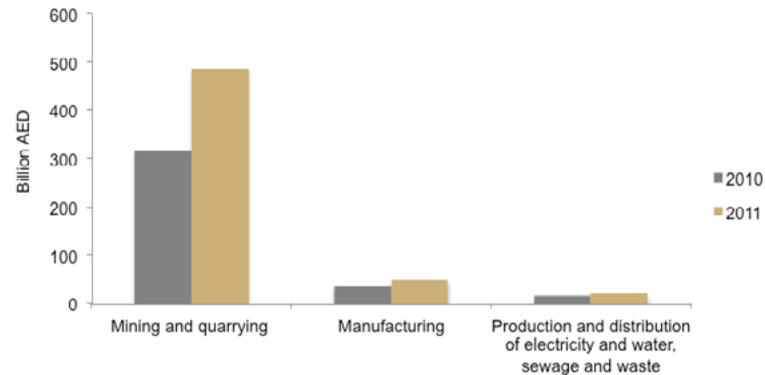
Figure 1: Total production and value added of industry by economic activity, 2011



## 3.1 Value added

The total value added of the industry activity in 2011 amounted to AED 551.7 billion, an increase of 49.3% compared with 2010. The mining and quarrying activity contributed the vast majority of industry value added in 2011 at 87.9% or AED 484.7 billion, followed by the manufacturing activity with 8.7% or AED 48 billion, an increase of AED 12.2 billion compared with 2010. The value added of the production and distribution of electricity and water, sewage and waste activity was AED 19 billion in 2011 compared with AED 16.5 billion in 2010.

Figure 2: Value added of industry by economic activity, 2010-2011

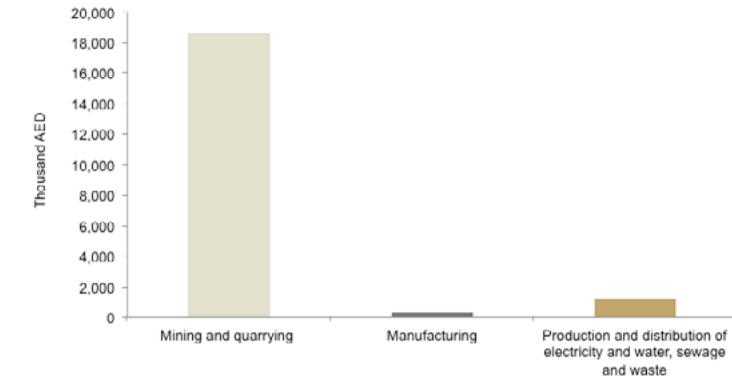


Results of the Industry Survey 2011 showed the value added contribution to total production at 78.1% compared with 75.6% in 2010. Value added contribution to total production in the mining and quarrying activity, production and distribution of electricity and water, sewage and waste activity and manufacturing activity accounted for 97.4%, 60.6% and 27% respectively.

Average value added per employee in the industry activity in 2011 amounted to AED 2,646.3 thousand, an annual growth rate of 50.2% compared with 2010.

Average value added per employee in the mining and quarrying activity in 2011 amounted to AED 18,551.9 thousand, a rise of 47.8% compared with 2010, followed by AED 1,242.3 thousand in the production and distribution of electricity and water, sewage and waste activity, an increase of AED 214 thousand compared with 2010 and AED 287.1 thousand in the manufacturing activity.

Figure 3: Average value added per employee by economic activity, 2011



## 3.2 Total production

The value of total production of the industry activity in 2011 amounted to AED 706.6 billion, an increase of 44.6% compared with 2010. The production of the mining and quarrying activity in 2011 totaled AED 497.7 billion or an increase of 51.8% compared with 2010. This was followed by the manufacturing activity with AED 177.5 billion or a rise of AED 46 billion compared with 2010 and then by the production and distribution of electricity and water, sewage and waste activity with AED 31.3 billion, an increase of 7.4% compared with 2010.

Average production per employee in the industry activity in 2011 amounted to AED 3,389.2 thousand, an increase of 45.5% compared with 2010. Figure (5) shows average production per employee at AED 19,048.1 thousand in the mining and quarrying activity, AED 2,049.4 thousand in the production and distribution of electricity and water, sewage and waste activity and AED 1,062.7 thousand in the manufacturing activity.

Figure 4: Total production of industry by economic activity, 2010-2011

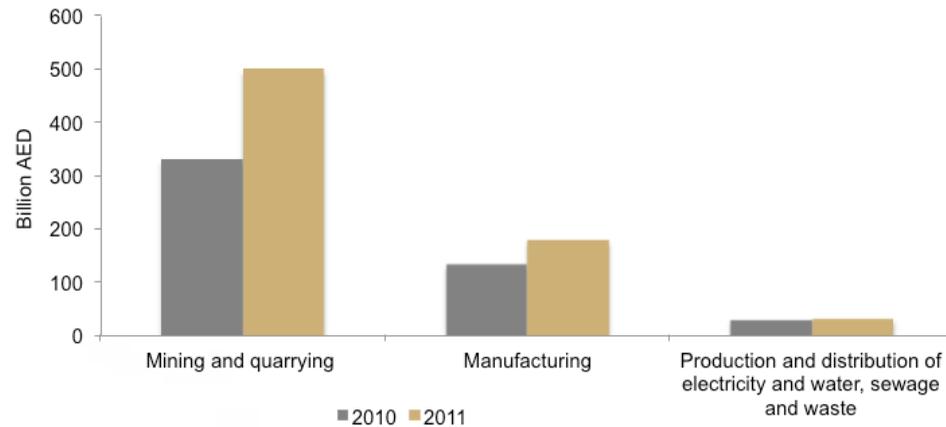
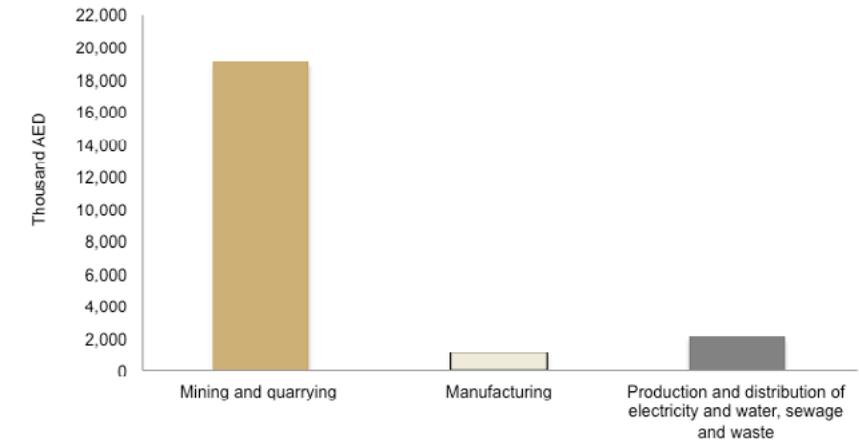


Figure 5: Average production per employee by economic activity, 2011



### 3.3 Gross fixed capital formation

Total gross fixed capital formation in the industry activity declined from AED 75.1 billion in 2010 to AED 65.6 billion in 2011, a decrease of 12.5%. In 2011, the manufacturing activity had the largest share of gross fixed capital formation with 43.1%, followed by the mining and quarrying activity with 37.6% and the production and distribution of electricity and water, sewage and waste activity with 19.3%.

Machinery, equipment and transportation contributed the largest share of gross fixed capital at 57% and 74.6% in 2010 and 2011 respectively. Other fixed assets accounted for 7.7% in 2011 compared with 26.2% in 2010 while buildings and other constructions accounted for 15.1% in 2011 compared with 16.3% in 2010.

Figure 6: Gross fixed capital formation by economic activity, 2010-2011

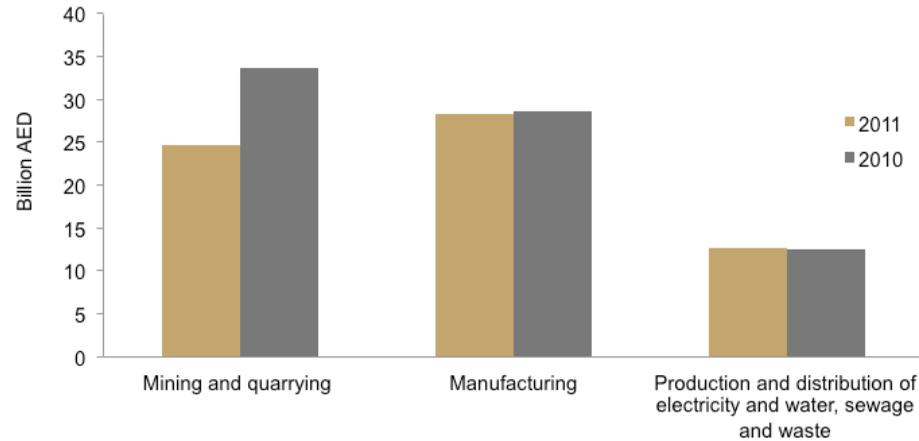
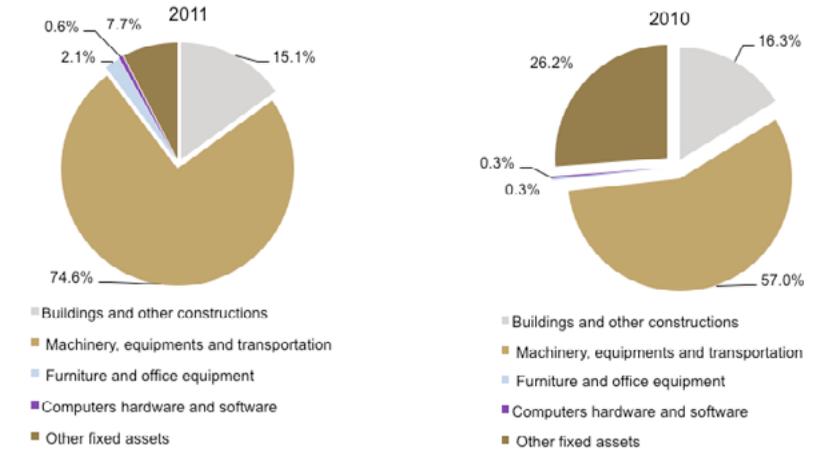


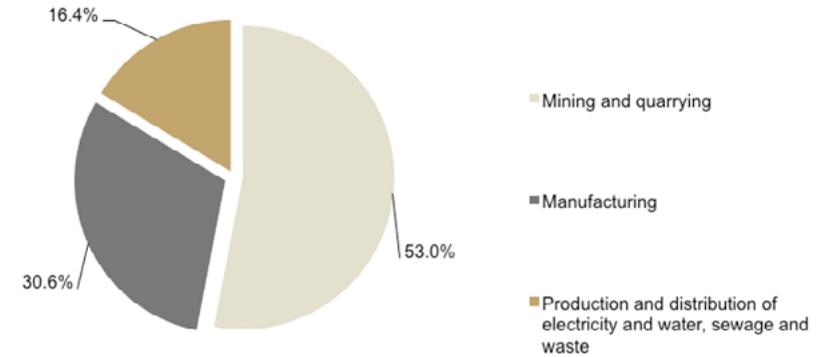
Figure 7: Percentage distribution of fixed capital formation by type of assets, 2010-2011



### 3.4 Consumption of fixed capital

The value of consumption of fixed capital in the industry activity in 2011 totaled AED 19.4 billion, an increase of AED 4.4 billion compared with 2010. The mining and quarrying activity recorded consumption of fixed capital of AED 10.4 billion or 53%, followed by the manufacturing activity with AED 6 billion or 30.6% and the production and distribution of electricity and water, sewage and waste activity with AED 3.2 billion or 16.4%.

Figure 8: Percentage distribution of consumption of fixed capital by economic activity, 2011



### 3.5 Intermediate consumption

Intermediate consumption includes both goods and services which are used as input in the production process. Intermediate consumption grew from AED 119 billion in 2010 to AED 154.9 billion in 2011, a rise of 30.1% and accounted for 24.4% and 21.9% of total production in 2010 and 2011 respectively.

The manufacturing activity accounted for the largest share of intermediate consumption with 83.8%, followed by the mining and quarrying activity with 8.4% and production and distribution of electricity and water, sewage and waste activity with 7.8%.

Figure 9: Percentage distribution of intermediate goods and services of industry activity, 2011

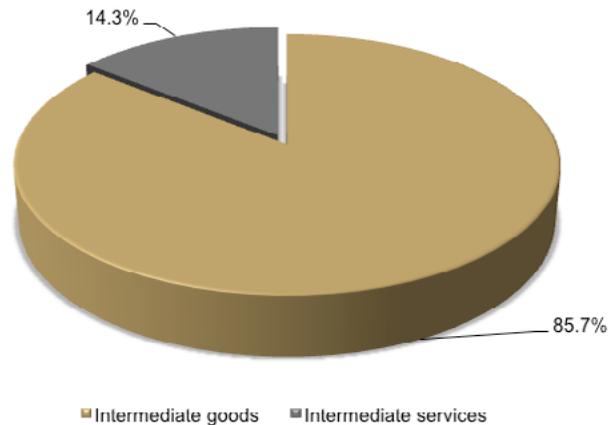
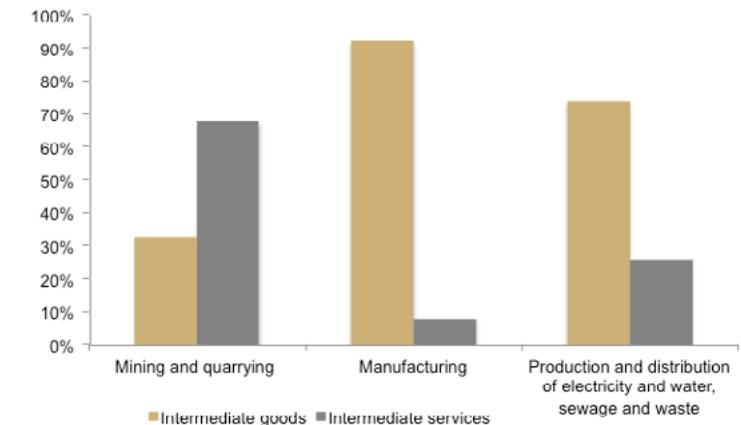


Figure 10: Percentage distribution of intermediate goods and services by economic activity, 2011

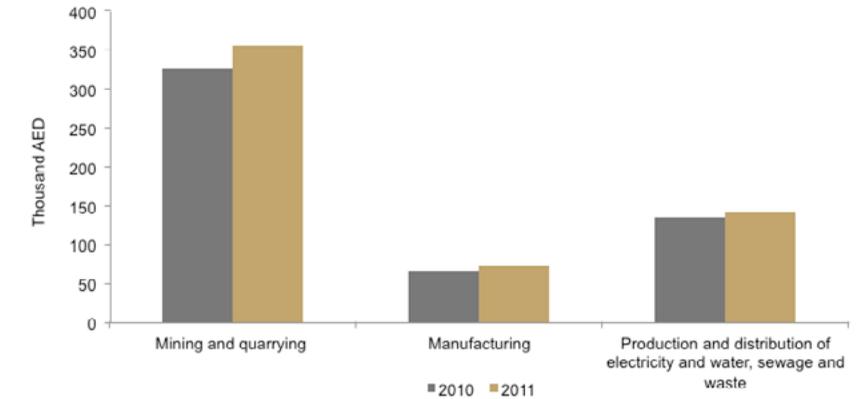


## 3.6 Compensation of employees

The compensation of employees in the industry activity amounted to AED 23.5 billion in 2011, an increase of 9.5% compared with 2010. Compensation of employees in the manufacturing activity, mining and quarrying activity and production and distribution of electricity and water, sewage and waste activity accounted for 51.4%, 39.5% and 9.2% respectively.

Annual compensation per employee in the industry activity amounted to AED 112.9 thousand in 2011, an increase of 10.3% compared with 2010. Annual compensation per employee in the mining and quarrying activity equaled AED 355.6 thousand in 2011. Compensation per employee in the production and distribution of electricity and water, sewage and waste activity and manufacturing activity totaled AED 141.1 thousand and AED 72.3 thousand respectively.

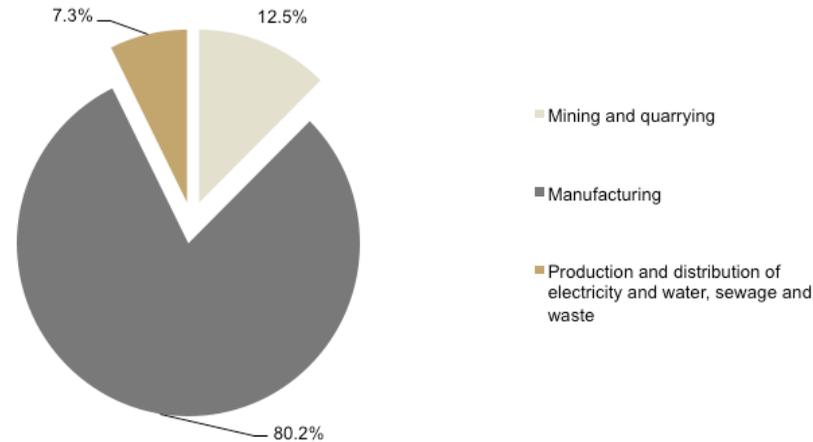
Figure 11: Compensation per employees by economic activity, 2010-2011



### 3.7 Number of employees

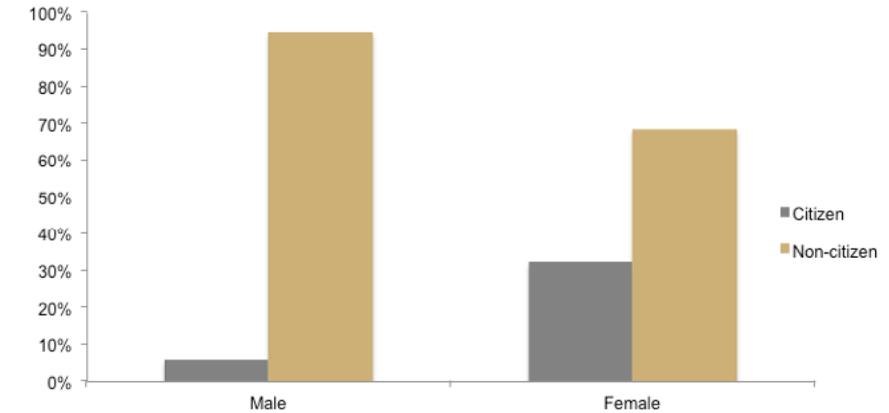
The number of employees totaled 208.5 thousand in 2011, a 0.6% decline compared with 2010. The number of employees in the manufacturing activity was 167.1 thousand in 2011 or 80.2% of the total number of employees in the industry activity. The mining and quarrying activity and production and distribution of electricity and water, sewage and waste activity accounted for 12.5% and 7.3% of the total number of employees.

Figure 12: Percentage distribution of employees by economic activity, 2011



The number of male employees totaled 200.5 thousand, while female employee equaled 8 thousand in 2011. Citizen male employees represented 5.5%, while Non-citizen male employees represented 94.5% of the total male employees in 2011. Meanwhile, female citizen employees accounted for 32%, while Non-citizen female employees represented 68.1% in the same year.

Figure 13: Percentage distribution of employees by citizenship and gender, 2011



## 4. Statistical Tables

### Main results for the industrial survey in the Emirate of Abu Dhabi, 2010

Value AED'000

Section	Divisions	Economic activity	Number of establishments	Number of employees	Total production	Value added	Gross fixed capital	Compensation of employees	Consumption of fixed capital
B	05-09	Mining and quarrying	62	25,279	327,862,143	317,237,002	33,716,166	8,265,266	8,027,791
C	10-33	Manufacturing	6,591	168,410	131,589,673	35,813,302	28,740,363	11,043,547	4,450,385
D	35	Electricity, gas, steam and air conditioning supply	34	7,733	28,125,997	15,934,293	12,577,849	1,944,695	2,724,685
E	36-39	Water supply; sewerage, waste management and remediation activities	30	8,355	1,046,384	601,836	56,424	231,755	53,621
<b>Total</b>			<b>6,717</b>	<b>209,776</b>	<b>488,624,198</b>	<b>369,586,433</b>	<b>75,090,801</b>	<b>21,485,264</b>	<b>15,256,483</b>

## Main results for the industrial survey in the Emirate of Abu Dhabi, 2011

Value AED '000

Section	Divisions	Economic activity	Number of establishments	Number of employees	Total production	Value added	Gross fixed capital	Compensation of employees	Consumption of fixed capital
B	05-09	Mining and quarrying	62	26,129	497,700,278	484,736,988	24,673,199	9,292,570	10,422,889
C	10-33	Manufacturing	6,612	167,061	177,542,454	47,966,952	28,277,826	12,086,349	6,004,148
D	35	Electricity, gas, steam and air conditioning supply	34	7,538	30,705,083	18,630,876	12,667,398	1,953,238	3,181,298
E	36-39	Water supply; sewerage, waste management and remediation activities	29	7,753	633,952	364,937	6,370	204,033	42,554
<b>Total</b>			<b>6,737</b>	<b>208,481</b>	<b>706,581,766</b>	<b>551,699,753</b>	<b>65,624,793</b>	<b>23,536,190</b>	<b>19,650,890</b>

## 5. Technical Notes

### 5.1 Collecting data

Statistics Centre - Abu Dhabi (SCAD) followed international standards and guidelines during the collection, processing, classification and development of the indicators and the statistical publication that are based on the Annual Economic Survey.

The Centre also identified the objectives of the survey and designed the questionnaire and training of field staff based on these standards. The collection of completed questionnaires was carried out by trained staff, which has been selected according to specific criteria. Completed questionnaires were delivered to the Editing section to be fully edited, coded, and then provided to the Data Entry section. Finally, the data were captured electronically and preliminary results were extracted in order to verify the data and to apply the raise factors (weights) to the survey results before compiling final results.

### 5.2 Scope of the survey

The Annual Economic Survey involves a representative sample of establishments spread across the three regions of the emirate: Abu Dhabi, Al Ain and Al Gharbia. The sample includes economic activities at the 2 digit level of the International Standard Industrial Classification of All Economic Activities-Revision 4 (ISIC.4)

### 5.3 Sample design

The frame for the survey was based on the 2010 "Frame Update Project" for the Emirate of Abu Dhabi. The frame has been divided into three strata: large, medium and small establishments based on the number of employees. A comprehensive count was applied on the large stratum, while stratified systematic random sample was selected for medium and small categories.

### 5.4 The period of the survey

Data were primarily collected from establishments for the calendar years of 2010 and 2011. In cases where data were provided by some establishments for different accounting years, data were collected from an accounting period that was mostly in the survey years.

### 5.5 Notes on tables

Final totals may not be equal to the sum of the individual components in certain tables. This is due to rounding which may result in the rate of change being more or less than 100%.

### 5.6 Additional information

For more detailed information about industry and business and other official statistics, please visit the link on the SCAD web site: <http://www.scad.ae/en/Pages/default.aspx>



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