



# Economic Surveys Results 2017

Release Date: January 2019

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## Introduction

The 2017 Economic Surveys publication is prepared by the Statistics Centre – Abu Dhabi based on a group of specialized economic surveys, and is considered to be one of the most important operational projects of the Centre in measuring the economic performance of the Emirate of Abu Dhabi. These results represent a detailed statistical image of the various economic activities. The survey results identify the characteristics of the activities performed by the establishments operating in the Emirate and provide the necessary data and basic information to assess the extent of economic diversification and development achieved in the non-oil sector of the economy.

This publication highlights the most important economic survey results for the year 2017 in comparison with the results from previous years. Among the indicators are the following: Total production, Value-Added, Gross Fixed Capital Formation, Consumption of Fixed Capital, Intermediate Consumption, Compensation of Employees, and the Number of Employees.

The results of this survey will enable the Centre to calculate the key economic indicators, including Gross Domestic Product (GDP) of the Emirate of Abu Dhabi and other important indicators of the national accounts. In addition, the survey will provide core data on the business cycle in the Emirate, which will enable decision-makers in government and the private sector to make sound decisions.

## Key Points

- The value added by all economic activities was AED 733.5 billion in 2017, compared with AED 692.1 billion in 2016.
- Value added as a percentage of total production was 65.5% in 2017 and 66.0% in 2016.
- The average value added per employee for all economic activities was AED 394.7 thousand in 2017 compared with AED 380.9 thousand in 2016.
- The value of total production was AED 1,120.5 billion in 2017 compared with AED 1,049.0 billion in 2016.
- Average production per employee was AED 603.0 thousand in 2017 compared with AED 577.2 thousand in 2016.
- The intermediate consumption of all economic activities increased by 8.5% to AED 387.1 thousand in 2017.
- The annual average compensation per employee increased by 2.0% from AED 86.0 thousand in 2016 AED 87.7 thousand in 2017.
- The number of employees in all economic activities was 1,858.3 thousand in 2017, compared with 1,817.3 thousand in 2016

## Analysis of Results

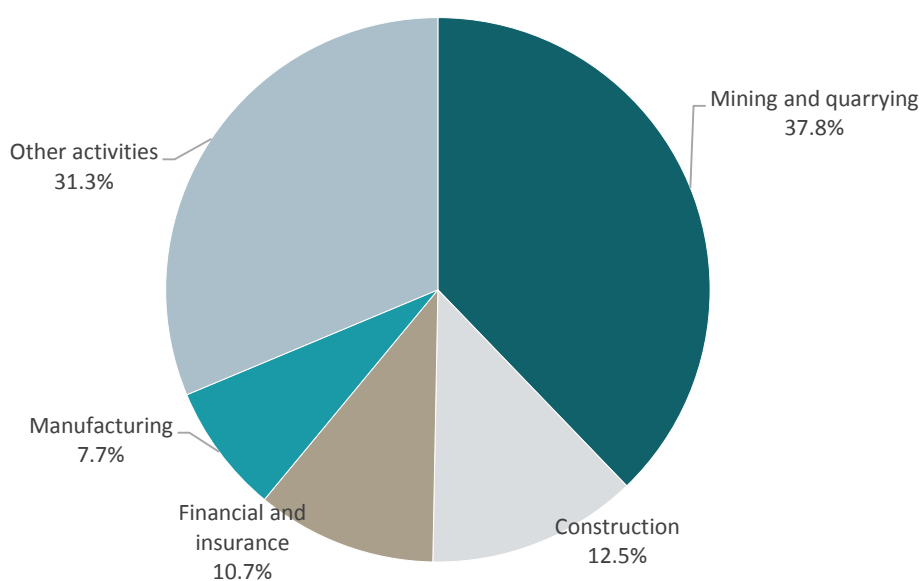
The total production of all economic activities was AED 1,120.5 billion in 2017 compared with AED 1,049.0 billion in 2016. The value added increased from AED 692.1 billion in 2016 to AED 733.5 billion in 2017, while the number of employees in all economic activities increased from 1,817.3 thousand in 2016 to 1,858.3 thousand in 2017.

### 3.1 Value added

The total value added by all economic activities was AED 733.5 billion in 2017.

The 'Mining and quarrying' activity represented 37.8% of the total value added of all economic activities for 2017, followed by the 'Construction' activity with 12.5% and the 'Financial and insurance' activity with 10.7%, and the 'Manufacturing activity' with 7.7%, while the other activities represented 31.3% of the total value added.

**Figure 1: Percentage distribution of value added by economic activity, 2017**



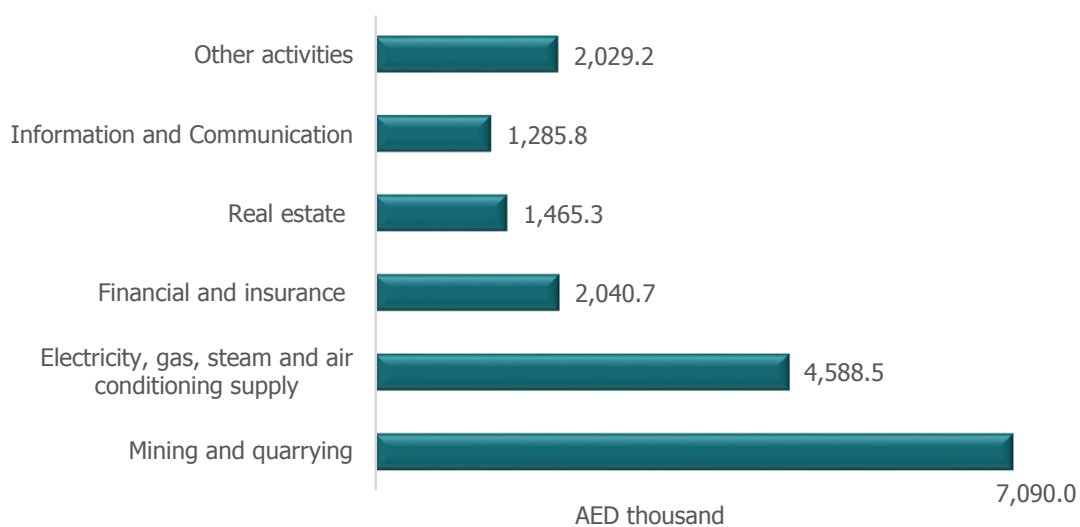
Source: Statistics Centre- Abu Dhabi

Value added as a percentage of total production was 65.5% in 2017. The highest percentage share of value added to total production was in the 'Financial and insurance' activity with 89.3%, followed by 'Mining and quarrying' activity with 83.8% then by 'Real estate' activities with 82.3%. The share of the remaining activities ranged between 31.2% and 77.8%.

The highest level of productivity measured as value added per employee was in the 'Mining and quarrying' activity with AED 7,090.0 thousand in 2017, followed by 'Electricity, gas, steam, and air conditioning supply', with AED 4,588.5 thousand and 'Financial and insurance' with AED 2,040.7 thousand.

The lowest productivity of value added per employee was in the 'Other service activities' with AED 54.8 thousand, followed by 'Water supply, sanitation, and waste management and treatment' activities, with AED 58.0 thousand, and 'Administrative and support service activities', with AED 78.1 thousand.

**Figure 2: Employee productivity of value added by economic activity, 2017**

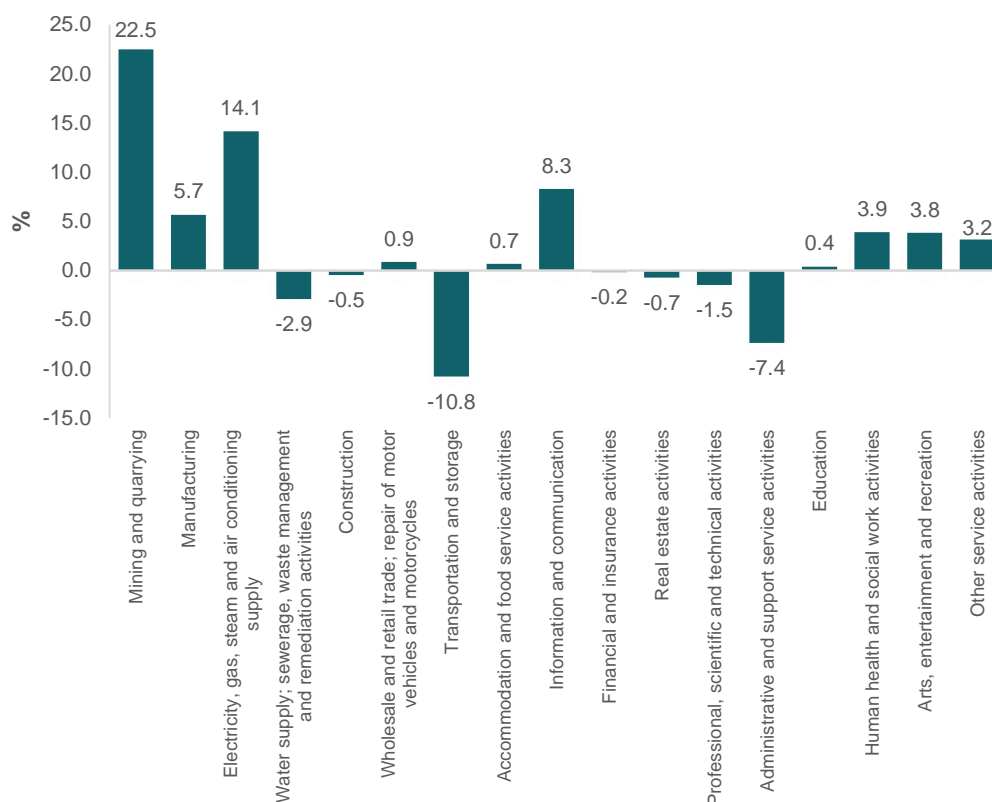


Source: Statistics Centre- Abu Dhabi

### 3.2 Total production

The total production of all economic activities increased by 6.8% in 2017 compared with 2016, to AED 1,120.5 billion. The highest growth rate was in the 'Mining and quarrying' activity with 22.5%, in 2017, followed by the 'Electricity, gas, steam and air conditioning supply' activity with 14.1%, 'Information and communication' and the 'Manufacturing' with 8.3% and 5.7% respectively. The total production of 'Transportation and storage' decreased by 10.8%, and 'Administrative and support service activities' by 7.4%.

**Figure 3: Total production by economic activity (% change), 2017**



Source: Statistics Centre- Abu Dhabi

The average production per employee increased by 4.5% from AED 577.2 thousand in 2016 to AED 603.0 thousand in 2017.

The highest average production per employee was in the ‘Mining and quarrying’ activity with AED 8,459.1 thousand in 2017, followed by ‘Electricity, gas, steam, and air conditioning supply’, which reached AED 6,301.6 thousand, ‘Financial and insurance’ activities, with AED 2,284.1 thousand, and the ‘Information and communication’ activity with AED 1,959.5 thousand.

The ‘Mining and quarrying’ activity recorded the highest percentage contribution of 29.5% to total production, followed by the ‘Construction’ activity, which contributed 16.6%, and the ‘Manufacturing’ activity with 16.2%, while the remaining economic activities represented 37.6% of the total production.

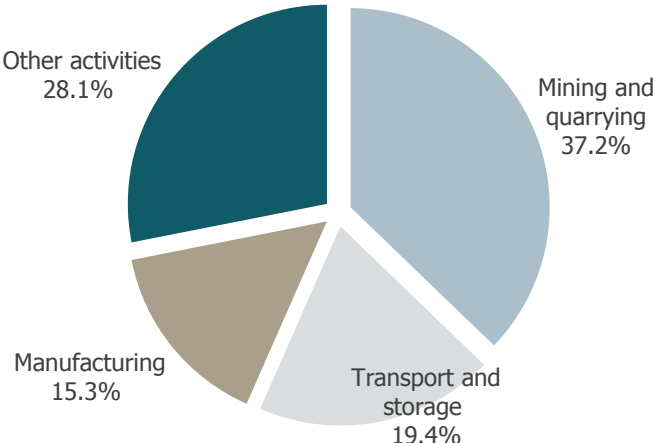
### 3.3 Gross fixed capital formation

Gross fixed capital formation of all economic activities reached AED 90.5 billion in 2017.



The 'Mining and quarrying' activity contributed most of all economic activities to the total gross fixed capital formation in 2017 with 37.2%, followed by the 'Transport and storage' activity with 19.4%, 'Manufacturing' with 15.3%, while the remaining economic activities represented 28.1%.

**Figure 4: Percentage contribution to gross fixed capital formation by economic activity, 2017**

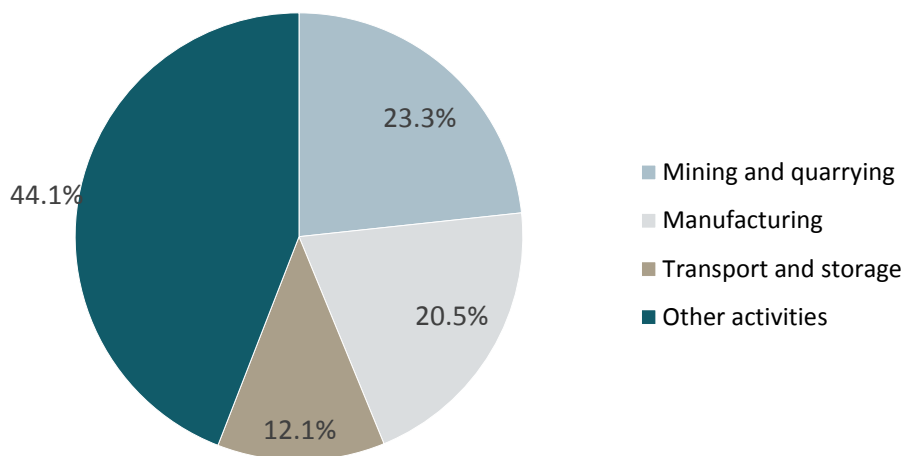


Source: Statistics Centre- Abu Dhabi

**3.4 Depreciation of fixed capital**

The consumption of fixed capital by all activities reached AED 55.8 billion in 2017. The 'Mining and quarrying' activity contributed most to the consumption of fixed capital with a share of 23.3%, followed by the 'Manufacturing' activity with 20.5%, the 'Transportation and storage' activity with 12.1%, while the remaining economic activities represented 44.1%.

**Figure 5: Percentage distribution of consumption of fixed capital by economic activity, 2017**



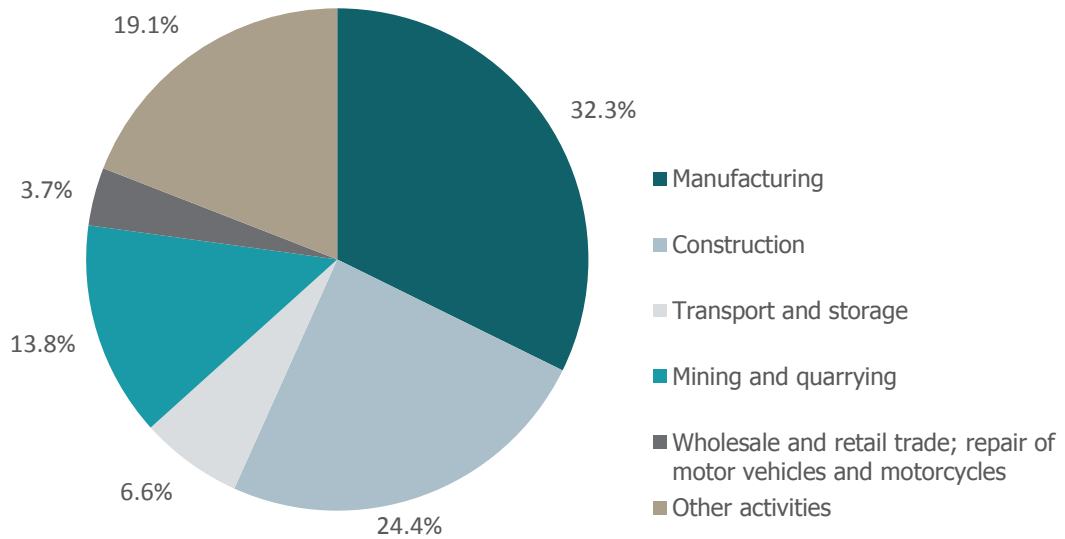
Source: Statistics Centre- Abu Dhabi

### 3.5 Intermediate consumption

Intermediate consumption of all economic activities increased by 8.5% to AED 387.0 billion in 2017.

The intermediate consumption of the 'Manufacturing' activity represented 32.3% of the total intermediate consumption of all economic activities in 2017, followed by the 'Construction' activity with 24.4% and the 'Mining and quarrying' activity with 13.8%.

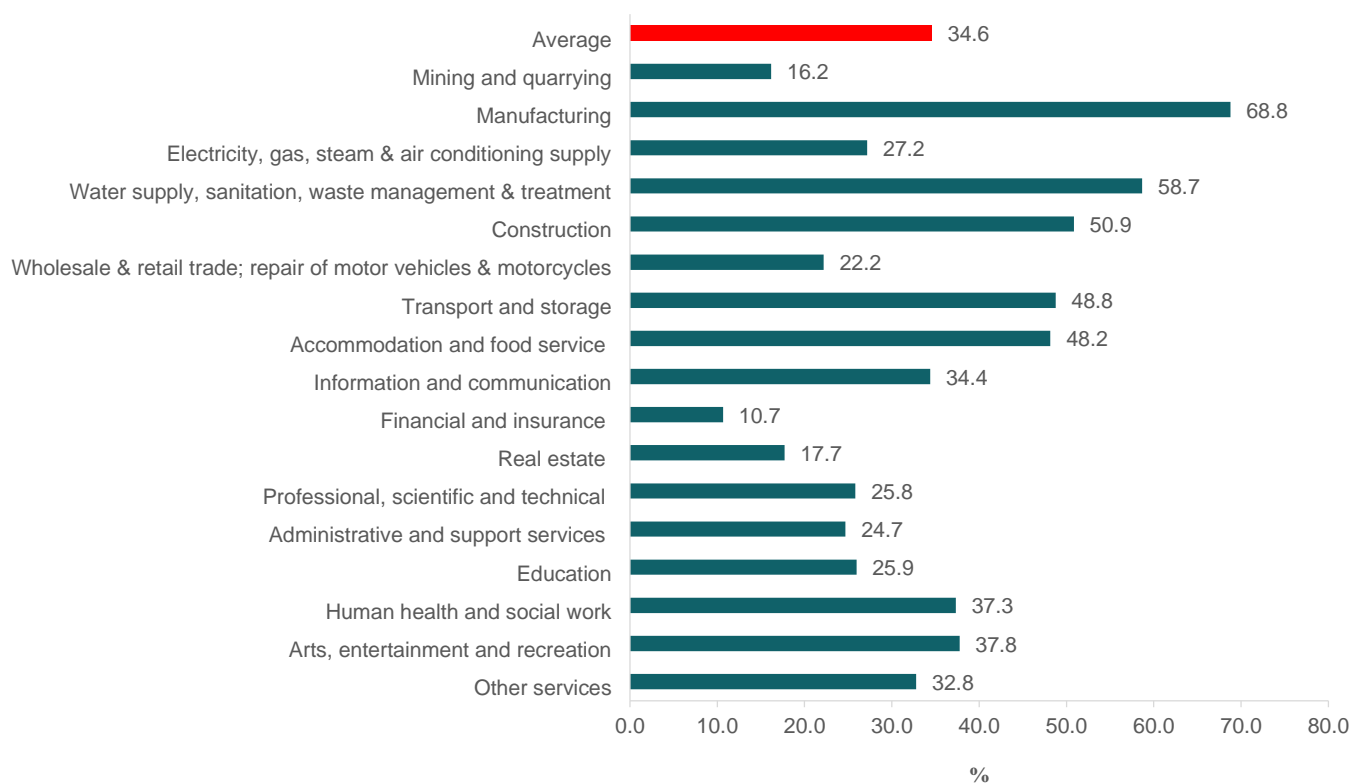
**Figure 6: Percentage distribution of intermediate consumption by economic activity, 2017**



Source: Statistics Centre- Abu Dhabi

Intermediate consumption as a percentage of total production represented 34.5% of all economic activities in 2017, which means in order to produce products worth AED100 a total of about AED 34.6 must be spent on supplies of goods and service. The highest percentage of intermediate consumption to total production was in the ‘Manufacturing’ activity with 68.8%, followed by ‘Water supply and sanitation, waste management and treatment’ with 58.7%, while the lowest percentage was recorded in the ‘Financial and insurance’ activity with 10.7%.

**Figure 7: Intermediate consumption as percentage of total production, 2017**

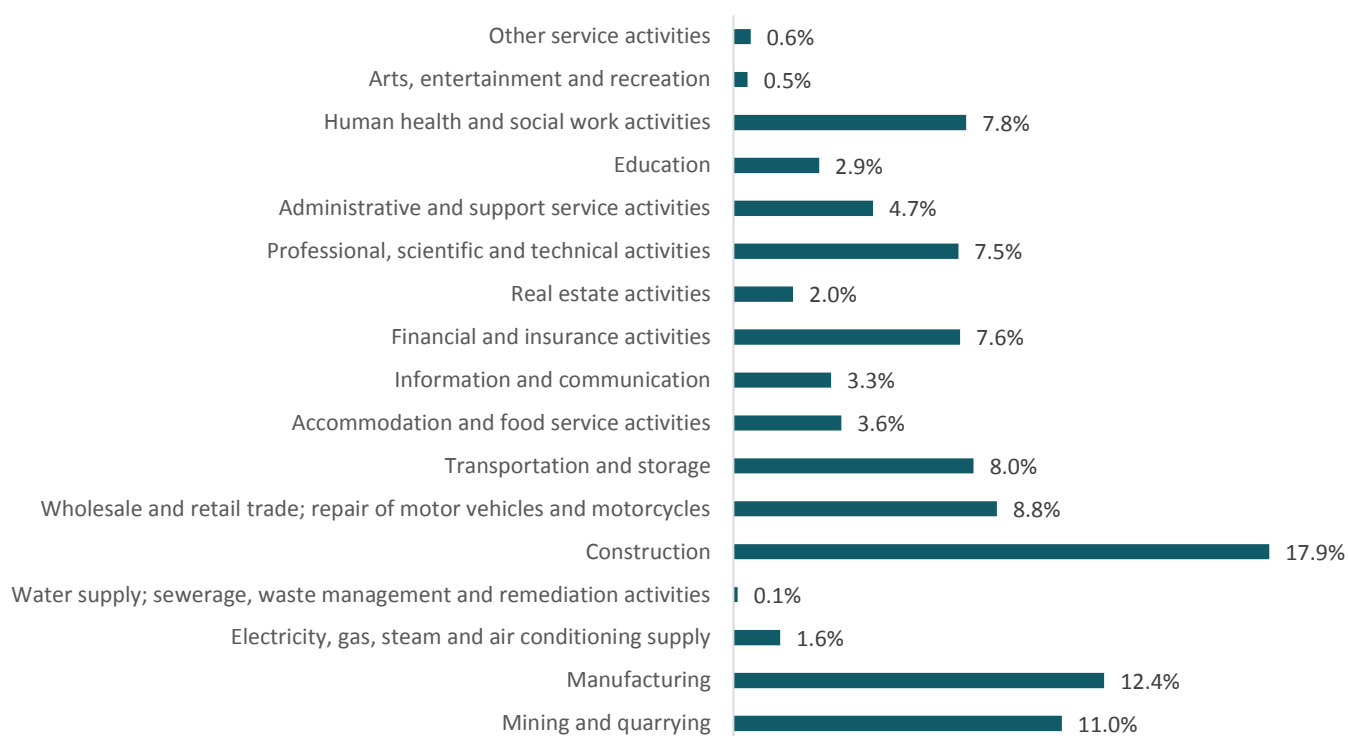


Source: Statistics Centre- Abu Dhabi

### 3.6 Compensation of employees

Compensation of employees increased by 4.3% in 2017 to AED 162.9 billion. The 'Construction' activity recorded the largest share of total compensation with 17.9% in 2017, followed by the 'Manufacturing' activity with 12.4%, 'Mining and quarrying' with 11.0% and 'Wholesale and retail trade' with 8.8%.

**Figure 8: Compensation of employees by economic activity (% share), 2017**



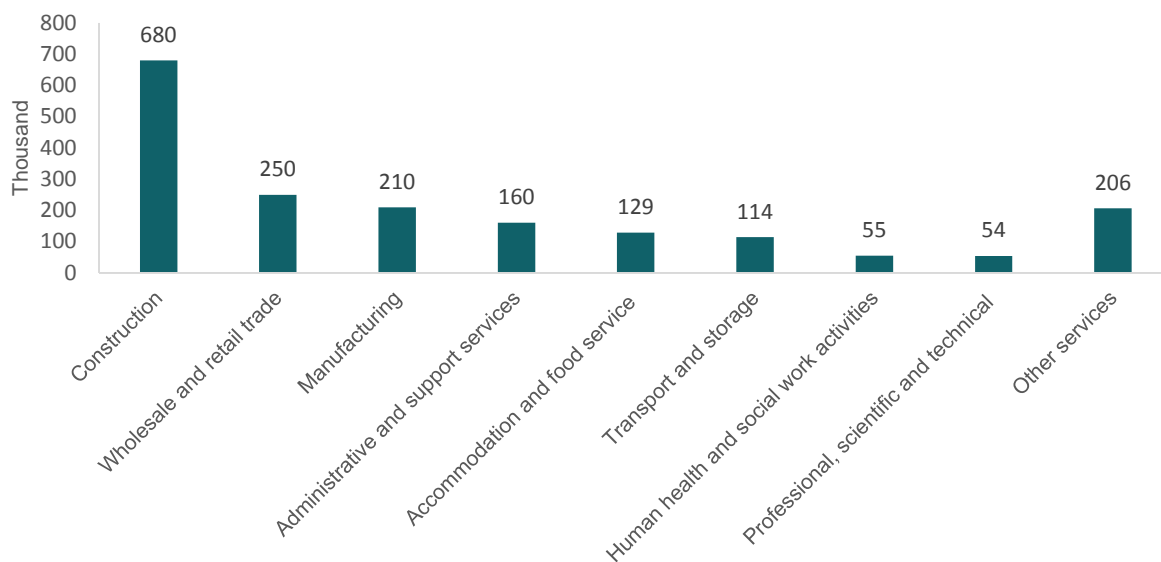
Source: Statistics Centre- Abu Dhabi

The annual average compensation per employee increased by 2.0% to AED 87.7 thousand in 2017. The highest annual average wage per employee was in the ‘Mining and quarrying’ activity with AED 456.1 thousand, followed by the ‘Electricity, gas, steam and air conditioning supply’ activity with an average of AED 332.5 thousand, ‘Financial and insurance’ activity with AED 321.2 thousand and ‘Information and communication’ with AED 289.6 thousand. The lowest annual average wage was in ‘Other service’ activities with AED 31.8 thousand in 2017.

### 3.7 Number of employees

The number of employees increased by 2.3% in 2017 to 1,858 thousand.

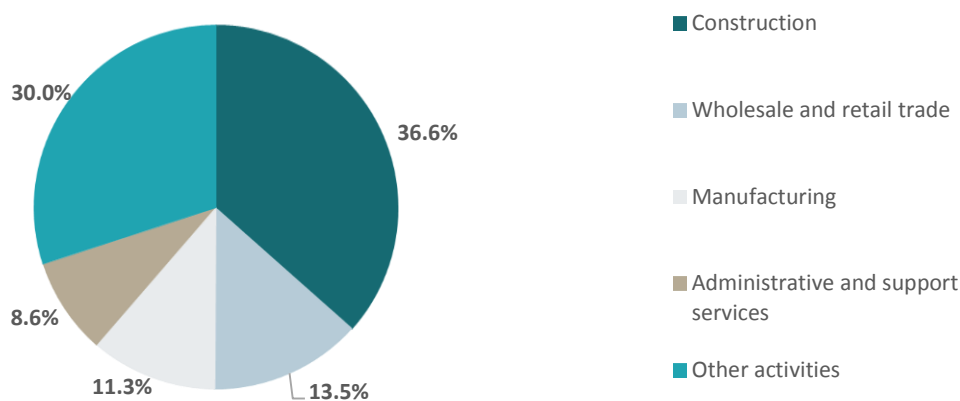
**Figure 9: Number of employees by economic activity, 2017**



Source: Statistics Centre- Abu Dhabi

The number of employees in the ‘Construction’ activity represented about 36.6% of the total number of employees in all economic activities for the year 2017, followed by ‘Wholesale and retail trade’ with 13.5%, the ‘Manufacturing’ activity with 11.3%, ‘Administrative and support services’ which include the security, investigations, and labor recruitment activities with 8.6%.

**Figure 10: Percentage distribution of employees by economic activity, 2017**



Source: Statistics Centre- Abu Dhabi

## Statistical Tables

### Main results by economic activities, Abu Dhabi, 2016

AED million

Chapter	Sections	Economic activity (Description)	Number of employees	Compensation of employees	Total production	Value added	Gross Fixed Capital Formation	Depreciation
B	05–09	Mining and quarrying	39,656	16,996	270,254	243,788	60,343	19,848
C	10–33	Manufacturing	197,299	19,002	171,908	51,938	11,611	10,923
D	35	Electricity, gas, steam and air conditioning supply	6,785	2,140	42,441	30,728	5,049	4,618
E	36–39	Water supply, sanitation, waste management and treatment	6,242	226	930	390	10	62
F	41–43	Construction	682,724	29,345	186,907	91,759	3,811	5,283
G	45–47	Wholesale and retail trade; repair of motor vehicles and motorcycles	246,947	14,158	64,718	50,325	3,555	2,744
H	49–53	Transport and storage	112,168	13,610	58,783	29,114	17,012	6,573
I	55–56	Accommodation and food service	124,927	5,440	21,059	10,669	1,149	829
J	58–63	Information and communication	17,055	4,857	33,210	22,001	2,500	2,274
K	64–66	Financial and insurance	37,970	13,629	87,790	78,434	3,604	2,027
L	68	Real estate	17,048	2,784	33,542	28,512	11,267	1,747
M	69–75	Professional, scientific and technical	52,284	10,450	27,290	20,425	542	1,032
N	77–82	Administrative and support services	154,348	7,409	17,909	12,647	1,816	1,690
P	85	Education	38,842	4,336	8,485	6,311	1,194	461
Q	86–88	Human health and social work	47,934	10,356	19,470	12,460	2,192	1,165
R	90–93	Arts, entertainment and recreation	7,484	691	1,938	1,154	226	146
S	94–96	Other services	27,545	816	2,342	1,463	36	62
<b>Total</b>			<b>1,817,258</b>	<b>156,245</b>	<b>1,048,976</b>	<b>692,117</b>	<b>125,917</b>	<b>61,485</b>

**Main results by economic activities, Abu Dhabi, 2017**

AED million

Chapter	Sections	Economic activity (Description)	Number of employees	Compensation of employees	Total production	Value added	Gross Fixed Capital Formation	Depreciation
B	05–09	Mining and quarrying	39,129	17,846	330,995	277,423	33,616	12,980
C	10–33	Manufacturing	210,081	20,152	181,650	56,717	13,874	11,417
D	35	Electricity, gas, steam and air conditioning supply	7,687	2,556	48,443	35,273	5,810	4,647
E	36–39	Water supply, sanitation, waste management and treatment	6,433	236	903	373	11	69
F	41–43	Construction	680,182	29,119	186,051	91,433	3,763	5,320
G	45–47	Wholesale and retail trade; repair of motor vehicles and motorcycles	249,981	14,323	65,279	50,790	3,610	2,798
H	49–53	Transport and storage	113,986	13,054	52,449	26,877	17,592	6,766
I	55–56	Accommodation and food service	128,589	5,863	21,199	10,990	393	583
J	58–63	Information and communication	18,353	5,316	35,963	23,598	2,887	2,530
K	64–66	Financial and insurance	38,371	12,325	87,643	78,302	2,406	1,885
L	68	Real estate	18,703	3,251	33,299	27,404	3,021	2,004
M	69–75	Professional, scientific and technical	54,213	12,233	26,889	19,942	426	613
N	77–82	Administrative and support services	159,998	7,582	16,591	12,496	1,480	1,497
P	85	Education	39,504	4,665	8,517	6,307	777	857
Q	86–88	Human health and social work	55,193	12,657	20,232	12,682	711	1,465
R	90–93	Arts, entertainment and recreation	8,228	781	2,012	1,252	83	293
S	94–96	Other services	29,637	943	2,416	1,623	11	58
<b>Total</b>			<b>1,858,269</b>	<b>162,900</b>	<b>1,120,529</b>	<b>733,485</b>	<b>90,470</b>	<b>55,779</b>



## **Explanatory Notes**

### **5.1 Data collection**

The Statistics Centre – Abu Dhabi followed international standards and principles during collection, processing, classification, and development of the indicators and statistical publications that are based on the Annual Economic Survey.

The Centre also based the objectives of the survey, questionnaire design, and training of field staff on these standards. The questionnaires were collected by trained staff selected according to specific criteria. Completed questionnaires were submitted to the data editing section to complete the editing, classification and encoding before sending it to the data entry section. Finally, the data were electronically captured and the preliminary results extracted in order to verify the data and to apply the raise factors (weights) before compiling the final results.

### **5.2 Scope of the survey**

The Annual Economic Survey collects data from a representative sample of establishments operating in the three regions of the Emirate of Abu Dhabi, namely Abu Dhabi, Al Ain, and Al Dhafra. The sample was designed at the two digits level of the International Standard Industrial Classification of all Economic Activities, Revision 4 (ISIC.4).

### **5.3 Sample design**

The survey frame was based on the 2015 “Frame-Update Project” for the Emirate of Abu Dhabi and its related updates. The framework was divided into four strata, namely the large, medium, small, and micro establishments based on the number of employees working for the establishments. A comprehensive survey of the large stratum was conducted, while a random regular survey was used for the remaining three strata.

#### **5.4 The period of the survey**

Data were primarily collected from establishments for the 2017 calendar year. In cases where data of some establishments were provided for a different accounting period, data were collected for the accounting period that was mostly within the survey year.

#### **5.5 Notes on tables**

The final totals and individual components of some tables and figures may not be equal to 100% due to some rounding.

#### **5.6 Revision Policy**

Normal international practice in producing, and continuously improving, quality official statistics is to make revisions over time as significant new evidence becomes available to official statistical agencies. Changes may also result from the introduction of new methods, guidelines, techniques or the introduction of a new classification system can lead to revisions after the time series data have been finalized.

Annual Industry and Business statistics based on the Annual Economic Survey results are published after twelve months after the end of the reference year. Once these primary data are incorporated into the statistics, it is considered final for that year and are not revised unless further primary data from new sources become available.

#### **5.7 Additional Information**

For more detailed information about industry, business, and other official statistics, please visit the link on the Statistics Centre's website: <http://www.scad.ae>.