



مركز الإحصاء  
STATISTICS CENTRE



# Statistical Yearbook of Abu Dhabi 2019



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# Statistical Yearbook of Abu Dhabi 2019



His Highness Sheikh  
**Khalifa bin Zayed Al Nahyan**  
President of the United Arab Emirates



His Highness Sheikh

**Mohammad bin Zayed Al Nahyan**

Crown Prince of Abu Dhabi and Deputy Supreme  
Commander of the UAE Armed Forces



## Foreword

Statistics Centre - Abu Dhabi is pleased to issue the Statistical Yearbook of 2019. This publication will form a fundamental and comprehensive reference supporting the development process in the Emirate and provide a major tool for policy and decision-makers, on multiple levels. It will help them develop plans and take decisions based on professional methods and standards.

This book is one of the key statistical products issued by Statistics Centre - Abu Dhabi (SCAD), for the purpose of recording data and documenting statistical information to highlight the activities of both government entities and the private sector. It reflects Abu Dhabi's annual growth rates, as well as its progress in the population, social, economic and agricultural fields. The aim is to supply statistical information and data to businesspersons, companies, planners, researchers and public, in addition to depicting aspects of overall development achieved by the Emirate of Abu Dhabi over the past years.

This Statistical Yearbook of 2019 comprises of six main sections, with over 413 tables, 58 figures and graphs, which cover the general framework of official statistics. It includes up to date information added as part of an ongoing effort to improve the presentation and documentation of statistical data and indicators in an easy way, so as to serve all users of statistics. In addition, it reflects the main data and information relating to different development sectors through a time line in order to compare and monitor the realities of the Emirate's community in all areas. The book outlines the key results of business and statistical surveys conducted by SCAD throughout the year - and includes inputs from over 50 governmental and non-governmental entities in the Emirate.

The Statistical Yearbook (SYB) does not address specific users, but serves every category due to the variety of applications and uses. The book includes statistics and information on the following: population, demographics, housing, real estate, health, education, agriculture, water and environment, culture, media, foreign trade, services and social development, finance, insurance, prices, labour market, industry, GDP, transport, technology and communications, Islamic affairs, tourism, entertainment, sports, energy, economic installations, and Government financial statements.

We thank all our strategic partners; local departments of the Abu Dhabi Government, Federal ministries and private enterprise for their sincere and fruitful cooperation in providing the data required. This cooperation had a significant impact on this edition. Nevertheless, we apologize for the unavailability of some data, which led to repeating figures previously reflected in other editions.

We welcome feedback or suggestions from our readers on the content and form of this book - not only to deepen our connection with them, but also to assist in upgrading our services to meet their expectations and future requirements.

**Abdulla Ahmed Alyousf Alsuwaidi**  
**Acting Director General**

*October 2019*

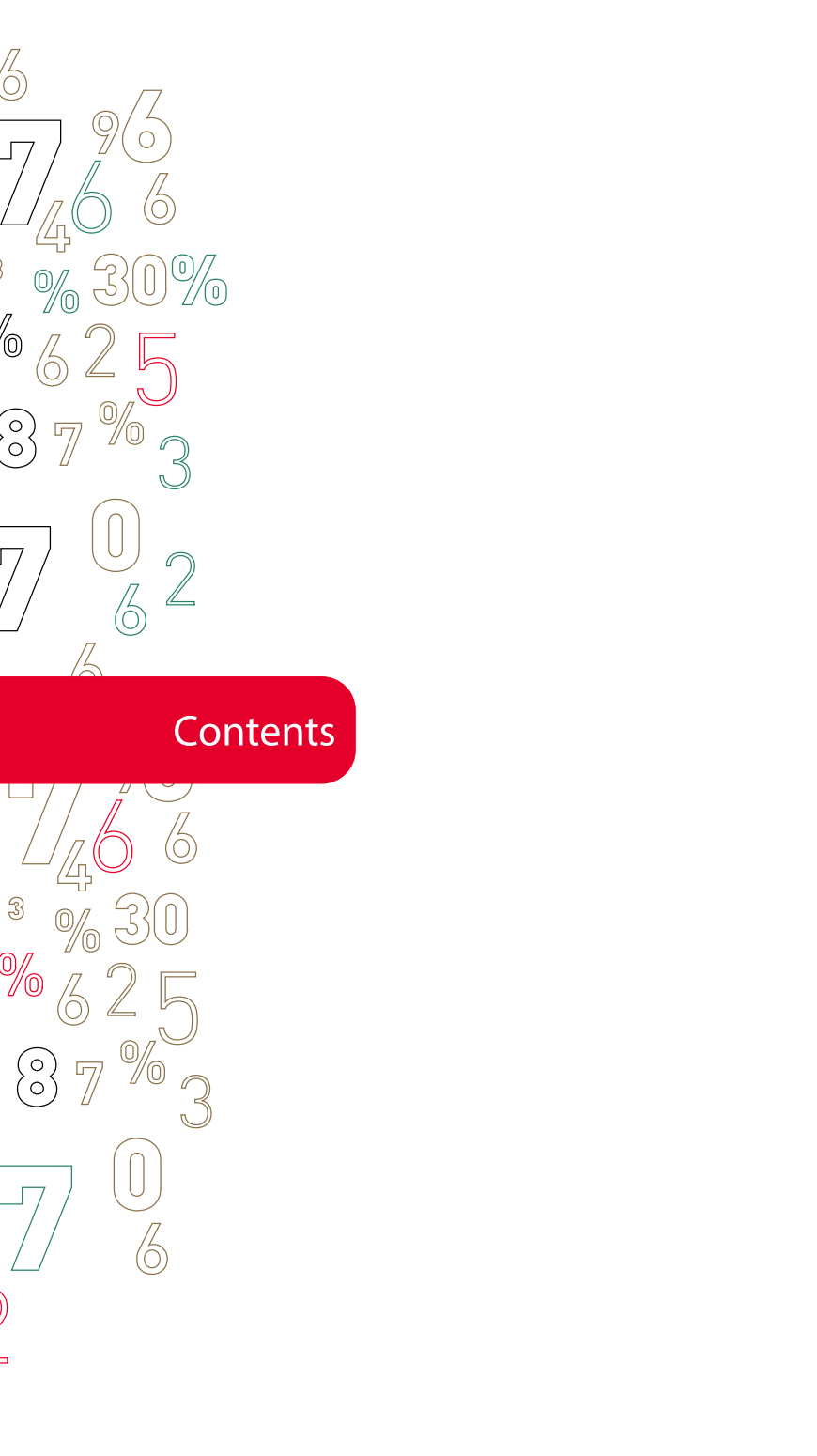


## Units and Abbreviations

na, -	= Figure not available
0 (0.0)	= Less than half of unit concerned
blank	= Not applicable
C°	= Degree Celsius
GDP	= Gross Domestic Product
No.	= Number
mm	= Millimetre
kg	= Kilogram
km	= Kilometre
kwh	= Kilowatt per hour
mwh	= Megawatt per hour
BTU	= British Thermal Unit
'000	= in thousands
AED	= UAE Dirham
FDI	= Foreign Direct Investment
GCC	= Gulf Cooperation Council
CPI	= Consumer Price Index
MCM	= Million Cubic Metres
LNG	= Liquefied Natural Gas
Sq.	= Square
hPA	= Hectopascal
mph	= Miles per hour
h	= Hour
mcg	= Microgram
Donum	= One thousand square meters

- Figures in *italics* are not final and subject to revision.
- Due to rounding, some totals may not equal the sum of components.
- Unless otherwise indicated, all the tables of this book pertain to the Emirate of Abu Dhabi. However, when mentioned in table titles or within table cells "Abu Dhabi" refers only to the Region of Abu Dhabi and not the whole Emirate.





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## 1. Economy

- Economic Aggregates
- Merchandise Foreign Trade
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- Foreign Investment

# 1. Economy

The development of strategies to ensure reform towards a diversified economy in the Emirate of Abu Dhabi is amongst the key objectives of the leadership of the Emirate. The sustained focus on these and other supporting objectives, combined with the competitive edge the emirate enjoys, has placed Abu Dhabi's economy in a strong position both regionally and internationally.

The Gross Domestic Product (GDP) is one of the most important economic indicators. It comprises the total of all goods and services produced in an economy, minus the intermediate goods and services consumed as inputs in the production process. It is also defined as the total value added to the economy by resident producers during the year. Non-oil GDP is another important indicator because it allows more in-depth analysis of developments in the economy by excluding the influence from the oil activity and its price fluctuations. During recent times, Abu Dhabi's economy has continued to strengthen as focus shifts towards economic diversification and comprehensive economic development. As the most dynamic economy in the region, it has moved away from significant dependence on the public sector expenditures and reliance on unstable revenues from the oil sector towards an economy which is more diverse across a wide range of core activities.

The tables and graphs presented in this chapter of the statistical yearbook describe the performance of all economic activities in the Emirate. The data and indicators presented, which support policies and decision-makers, illustrate the growth and stability achieved by Abu Dhabi's economy during the previous years. The tables also represent National Accounts data such as the Gross Domestic Product (GDP) by economic activity at current and at constant prices, the latter of which removes the effect of prices and inflation. In addition, growth rates, contribution of economic activities to the GDP and per capita GDP statistics are provided. The chapter also presents data on capital formation by economic activities, compensation of employees at current prices, Abu Dhabi Government finance data amongst other data of economic interest.

GDP at Current Prices (Million AED)	931,035
GDP at 2007 Constant Prices (Million AED)	797,278
GDP at Current Prices Growth Rate (%)	14.4
Oil Share in GDP at Current Prices (%)	40.4
GDP Per Capita at Current Prices (Thousand AED)	334.0
GDP Per Capita at 2007 Constant Prices (Thousand AED)	286.0
Gross Fixed Capital Formation (Million AED)	157,318
Foreign Direct Investment (Million AED), 2016	100,887
Oil, Gas and Oil Products Exports of the Emirate of Abu Dhabi (Million AED)	217,400
Non-oil Exports of the Emirate of Abu Dhabi (Million AED)	64,425
Re-exports through the Ports of the Emirate of Abu Dhabi (Million AED)	48,114
Imports of the Emirate of Abu Dhabi (Million AED)	112,870
Inflation Rate (%)	3.3

## 1.1 Economic Aggregates

This section of the statistical book includes detailed statistics on macroeconomic variables, which accurately monitor the most important economic developments, thus contributing to provide a true picture of the economy of the Emirate of Abu Dhabi. It includes statistics of GDP by economic activity at current and constant prices, annual growth rates, the contribution of economic activities to GDP, in addition to the fixed capital formation by economic activity, and other data related to the economy of the Emirate. Abu Dhabi's 2018 GDP estimates at current prices was AED 931,035 million compared with AED 813,623 million in 2017. As other data of 2018 indicate, the GDP per capita at current prices amounted to AED 334.0 thousand, total fixed capital formation was AED 157,318 million, while the compensation of employees was AED 250,013 million. GDP at constant prices depicts the volume of goods and services were produced in volume terms and is measured by holding prices constant. GDP at constant prices was AED 797,278 million in 2018 compared to AED 782,289 million in 2017. The GDP per capita at constant prices amounted to AED 286.0 thousand in 2018 compared to AED 270.3 thousand in 2017.

### 1.1.1 Gross Domestic Product by Economic Activity at Current Prices

(Million AED)

Economic Activity	2010	2015	2016	2017	2018*
<b>Total</b>	<b>639,952</b>	<b>778,501</b>	<b>760,396</b>	<b>813,623</b>	<b>931,035</b>
Agriculture, forestry and fishing	4,359	5,699	5,932	6,454	6,706
Mining and quarrying (includes crude oil and natural gas)	315,535	273,078	241,148	277,067	375,935
Manufacturing	34,268	50,324	49,842	54,500	62,000
Electricity, gas, and water supply; waste management	16,088	29,831	30,524	35,154	35,560
Construction	78,051	88,782	85,306	84,845	85,841
Wholesale and retail trade; repair of motor vehicles and motorcycles	26,640	41,038	47,671	47,052	46,172
Transportation and storage	20,096	37,065	27,624	25,852	26,894
Accommodation and food services	7,249	9,244	9,828	10,209	10,238
Information and communication	18,611	21,293	22,261	23,826	24,801
Financial and insurance	26,878	68,555	73,244	74,547	77,922
Real estate	21,852	41,177	46,814	47,020	45,297
Professional, scientific and technical	17,415	19,016	19,467	18,931	19,820
Administrative and support services	7,491	10,811	12,047	11,833	12,380
Public administration and defence; compulsory social security	30,662	52,383	55,309	61,358	65,261
Education	6,443	11,719	13,214	14,185	14,975
Human health and social work	3,429	11,604	12,560	12,500	12,435
Arts, recreation and other services	3,314	2,381	2,563	2,717	2,750
Activities of households as employers	1,572	4,502	5,042	5,573	6,047

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

### 1.1.2 Gross Domestic Product by Economic Activity at Constant Prices (2007)

(Million AED)

Economic Activity	2010	2015	2016	2017	2018*
<b>Total</b>	<b>587,107</b>	<b>770,011</b>	<b>789,716</b>	<b>782,289</b>	<b>797,278</b>
Agriculture, forestry and fishing	4,293	5,084	5,240	5,479	5,945
Mining and quarrying (includes crude oil and natural gas)	302,138	379,067	389,270	378,041	390,754
Manufacturing	30,683	42,791	44,140	46,506	49,260
Electricity, gas, and water supply; waste management	14,975	24,372	24,923	23,683	22,724
Construction	78,505	84,678	82,643	81,925	81,086
Wholesale and retail trade; repair of motor vehicles and motorcycles	22,253	28,664	32,844	31,910	30,992
Transportation and storage	15,834	21,329	16,463	15,596	15,362
Accommodation and food services	5,593	7,842	8,528	9,455	9,585
Information and communication	18,752	20,584	22,027	23,877	24,456
Financial and insurance	23,588	53,493	55,949	57,427	57,968
Real estate	17,478	29,867	32,059	33,025	33,355
Professional, scientific and technical	14,598	14,094	14,241	13,631	13,816
Administrative and support services	6,279	8,012	8,813	8,520	8,631
Public administration and defence; compulsory social security	19,248	30,175	31,283	31,283	31,205
Education	6,388	7,560	8,284	8,805	8,882
Human health and social work	2,238	7,298	7,445	7,157	7,123
Arts, recreation and other services	2,946	1,765	1,875	1,956	1,917
Activities of households as employers	1,318	3,336	3,689	4,013	4,215

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates



### 1.1.3 GDP Per Capita at Current Prices

Item	2010	2015	2016	2017	2018*
GDP (Million AED)	639,952	778,501	760,396	813,623	931,035
Oil GDP (Million AED)	315,535	273,078	241,148	277,067	375,935
Non-oil GDP (Million AED)	324,417	505,424	519,248	536,556	555,100
GDP per capita (Thousand AED)	305.5	279.6	261.5	281.2	334.0
Oil GDP per capita (Thousand AED)	150.7	98.1	82.9	95.7	134.8
Non-oil GDP per capita (Thousand AED)	154.9	181.5	178.5	185.4	199.1
GDP per capita annual growth (%)	16.0	-22.6	-6.5	7.5	18.8
Oil GDP per capita annual growth (%)	28.9	-46.3	-15.4	15.5	40.8
Non-oil GDP per capita annual growth (%)	5.7	1.6	-1.6	3.9	7.4

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

### 1.1.4 GDP Per Capita at Constant Prices (2007)

Item	2010	2015	2016	2017	2018*
GDP (Million AED)	587,107	770,011	789,716	782,289	797,278
Oil GDP (Million AED)	302,138	379,067	389,270	378,041	390,754
Non-oil GDP (Million AED)	284,969	390,944	400,446	404,248	406,524
GDP per capita (Thousand AED)	280.3	276.5	271.6	270.3	286.0
Oil GDP per capita (Thousand AED)	144.3	136.1	133.9	130.6	140.2
Non-oil GDP per capita (Thousand AED)	136.1	140.4	137.7	139.7	145.8
GDP per capita annual growth (%)	3.3	0.1	-1.8	-0.4	5.8
Oil GDP per capita annual growth (%)	3.7	-0.4	-1.7	-2.4	7.3
Non-oil GDP per capita annual growth (%)	2.8	0.6	-1.9	1.5	4.4

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

### 1.1.5 Annual Growth Rates of the GDP by Economic Activity at Current Prices (%)

Economic Activity	2010	2015	2016	2017	2018*
<b>Total</b>	<b>19.5</b>	<b>-18.9</b>	<b>-2.3</b>	<b>7.0</b>	<b>14.4</b>
Agriculture, forestry and fishing	-3.0	3.3	4.1	8.8	3.9
Mining and quarrying (includes crude oil and natural gas)	32.9	-43.7	-11.7	14.9	35.7
Manufacturing	21.0	-3.0	-1.0	9.3	13.8
Electricity, gas, and water supply; waste management	13.1	25.5	2.3	15.2	1.2
Construction	4.6	5.9	-3.9	-0.5	1.2
Wholesale and retail trade; repair of motor vehicles and motorcycles	1.8	10.4	16.2	-1.3	-1.9
Transportation and storage	40.8	2.5	-25.5	-6.4	4.0
Accommodation and food services	21.2	2.6	6.3	3.9	0.3
Information and communication	-21.0	3.1	4.5	7.0	4.1
Financial and insurance	-2.8	11.8	6.8	1.8	4.5
Real estate	20.5	14.5	13.7	0.4	-3.7
Professional, scientific and technical	3.9	2.5	2.4	-2.8	4.7
Administrative and support services	-18.9	6.3	11.4	-1.8	4.6
Public administration and defence; compulsory social security	49.1	1.5	5.6	10.9	6.4
Education	-7.3	2.2	12.8	7.4	5.6
Human health and social work	-1.4	3.4	8.2	-0.5	-0.5
Arts, recreation and other services	68.1	3.8	7.6	6.0	1.2
Activities of households as employers	4.6	11.1	12.0	10.5	8.5

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

### 1.1.6 Annual Growth Rates of the GDP by Economic Activity at Constant Prices (2007)

(%)

Economic Activity	2010	2015	2016	2017	2018*
<b>Total</b>	<b>6.5</b>	<b>4.9</b>	<b>2.6</b>	<b>-0.9</b>	<b>1.9</b>
Agriculture, forestry and fishing	-1.8	1.5	3.1	4.6	8.5
Mining and quarrying (includes crude oil and natural gas)	6.9	4.4	2.7	-2.9	3.4
Manufacturing	7.7	5.7	3.2	5.4	5.9
Electricity, gas, and water supply; waste management	4.9	23.2	2.3	-5.0	-4.1
Construction	9.9	4.6	-2.4	-0.9	-1.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.6	7.2	14.6	-2.8	-2.9
Transportation and storage	24.3	-3.5	-22.8	-5.3	-1.5
Accommodation and food services	25.7	2.0	8.7	10.9	1.4
Information and communication	-19.6	3.3	7.0	8.4	2.4
Financial and insurance	-5.4	10.1	4.6	2.6	0.9
Real estate	12.0	7.0	7.3	3.0	1.0
Professional, scientific and technical	0.9	-2.3	1.0	-4.3	1.4
Administrative and support services	-21.3	1.2	10.0	-3.3	1.3
Public administration and defence; compulsory social security	45.9	1.4	3.7	0.0	-0.3
Education	4.1	2.9	9.6	6.3	0.9
Human health and social work	-1.9	2.8	2.0	-3.9	-0.5
Arts, recreation and other services	67.8	-1.1	6.2	4.3	-2.0
Activities of households as employers	1.5	5.8	10.6	8.8	5.0

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

### 1.1.7 Percentage Distribution of the GDP by Economic Activity at Current Prices

(%)

Economic Activity	2010	2015	2016	2017	2018*
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Agriculture, forestry and fishing	0.7	0.7	0.8	0.8	0.7
Mining and quarrying (includes crude oil and natural gas)	49.3	35.1	31.7	34.1	40.4
Manufacturing	5.4	6.5	6.6	6.7	6.7
Electricity, gas, and water supply; waste management	2.5	3.8	4.0	4.3	3.8
Construction	12.2	11.4	11.2	10.4	9.2
Wholesale and retail trade; repair of motor vehicles and motorcycles	4.2	5.3	6.3	5.8	5.0
Transportation and storage	3.1	4.8	3.6	3.2	2.9
Accommodation and food services	1.1	1.2	1.3	1.3	1.1
Information and communication	2.9	2.7	2.9	2.9	2.7
Financial and insurance	4.2	8.8	9.6	9.2	8.4
Real estate	3.4	5.3	6.2	5.8	4.9
Professional, scientific and technical	2.7	2.4	2.6	2.3	2.1
Administrative and support services	1.2	1.4	1.6	1.5	1.3
Public administration and defence; compulsory social security	4.8	6.7	7.3	7.5	7.0
Education	1.0	1.5	1.7	1.7	1.6
Human health and social work	0.5	1.5	1.7	1.5	1.3
Arts, recreation and other services	0.5	0.3	0.3	0.3	0.3
Activities of households as employers	0.2	0.6	0.7	0.7	0.6

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

### 1.1.8 Percentage Distribution of the GDP by Economic Activity at Constant Prices (2007)

(%)

Economic Activity	2010	2015	2016	2017	2018*
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Agriculture, forestry and fishing	0.7	0.7	0.7	0.7	0.7
Mining and quarrying (includes crude oil and natural gas)	51.5	49.2	49.3	48.3	49.0
Manufacturing	5.2	5.6	5.6	5.9	6.2
Electricity, gas, and water supply; waste management	2.6	3.2	3.2	3.0	2.9
Construction	13.4	11.0	10.5	10.5	10.2
Wholesale and retail trade; repair of motor vehicles and motorcycles	3.8	3.7	4.2	4.1	3.9
Transportation and storage	2.7	2.8	2.1	2.0	1.9
Accommodation and food services	1.0	1.0	1.1	1.2	1.2
Information and communication	3.2	2.7	2.8	3.1	3.1
Financial and insurance	4.0	6.9	7.1	7.3	7.3
Real estate	3.0	3.9	4.1	4.2	4.2
Professional, scientific and technical	2.5	1.8	1.8	1.7	1.7
Administrative and support services	1.1	1.0	1.1	1.1	1.1
Public administration and defence; compulsory social security	3.3	3.9	4.0	4.0	3.9
Education	1.1	1.0	1.0	1.1	1.1
Human health and social work	0.4	0.9	0.9	0.9	0.9
Arts, recreation and other services	0.5	0.2	0.2	0.3	0.2
Activities of households as employers	0.2	0.4	0.5	0.5	0.5

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

### 1.1.9 Gross Fixed Capital Formation by Economic Activity at Current Prices

(Million AED)

Economic Activity	2010	2015	2016	2017	2018*
<b>Total</b>	<b>142,852</b>	<b>177,408</b>	<b>186,922</b>	<b>147,298</b>	<b>157,318</b>
Agriculture, forestry and fishing	486	701	703	720	743
Mining and quarrying (includes crude oil and natural gas)	33,716	44,082	60,343	33,616	36,664
Manufacturing	28,740	12,911	11,611	13,874	15,218
Electricity, gas, and water supply; waste management	12,634	10,185	5,059	5,821	6,324
Construction	4,541	4,526	3,811	3,763	3,851
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,205	3,168	3,555	3,610	3,648
Transportation and storage	11,253	25,047	17,012	17,592	17,527
Accommodation and food services	505	1,047	1,149	393	425
Information and communication	1,979	2,981	2,500	2,887	3,088
Financial and insurance	5,687	3,501	3,604	2,406	2,610
Real estate	9,446	37,420	38,169	36,421	37,621
Professional, scientific and technical	309	570	542	426	455
Administrative and support services	416	1,628	1,816	1,480	1,531
Public administration and defence; compulsory social security	26,842	21,993	31,856	20,160	23,362
Education	3,181	3,634	2,687	2,036	2,141
Human health and social work	1,592	3,761	2,243	2,001	2,015
Arts, recreation and other services	317	252	263	94	96

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

### 1.1.10 Percentage Distribution of Gross Fixed Capital Formation by Economic Activity at Current Prices

(%)

Economic Activity	2010	2015	2016	2017	2018*
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Agriculture, forestry and fishing	0.3	0.4	0.4	0.5	0.5
Mining and quarrying (includes crude oil and natural gas)	23.6	24.8	32.3	22.8	23.3
Manufacturing	20.1	7.3	6.2	9.4	9.7
Electricity, gas, and water supply; waste management	8.8	5.7	2.7	4.0	4.0
Construction	3.2	2.6	2.0	2.6	2.4
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.8	1.8	1.9	2.5	2.3
Transportation and storage	7.9	14.1	9.1	11.9	11.1
Accommodation and food services	0.4	0.6	0.6	0.3	0.3
Information and communication	1.4	1.7	1.3	2.0	2.0
Financial and insurance	4.0	2.0	1.9	1.6	1.7
Real estate	6.6	21.1	20.4	24.7	23.9
Professional, scientific and technical	0.2	0.3	0.3	0.3	0.3
Administrative and support services	0.3	0.9	1.0	1.0	1.0
Public administration and defence; compulsory social security	18.8	12.4	17.0	13.7	14.9
Education	2.2	2.0	1.4	1.4	1.4
Human health and social work	1.1	2.1	1.2	1.4	1.3
Arts, recreation and other services	0.2	0.1	0.1	0.1	0.1

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

### 1.1.11 Gross Fixed Capital Formation by Economic Activity as a Percentage of the GDP at Current Prices

(%)

Economic Activity	2010	2015	2016	2017	2018*
<b>Total</b>	<b>22.3</b>	<b>22.8</b>	<b>24.6</b>	<b>18.1</b>	<b>16.9</b>
Agriculture, forestry and fishing	0.1	0.1	0.1	0.1	0.1
Mining and quarrying (includes crude oil and natural gas)	5.3	5.7	7.9	4.1	3.9
Manufacturing	4.5	1.7	1.5	1.7	1.6
Electricity, gas, and water supply; waste management	2.0	1.3	0.7	0.7	0.7
Construction	0.7	0.6	0.5	0.5	0.4
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.2	0.4	0.5	0.4	0.4
Transportation and storage	1.8	3.2	2.2	2.2	1.9
Accommodation and food services	0.1	0.1	0.2	0.0	0.0
Information and communication	0.3	0.4	0.3	0.4	0.3
Financial and insurance	0.9	0.4	0.5	0.3	0.3
Real estate	1.5	4.8	5.0	4.5	4.0
Professional, scientific and technical	0.0	0.1	0.1	0.1	0.0
Administrative and support services	0.1	0.2	0.2	0.2	0.2
Public administration and defence; compulsory social security	4.2	2.8	4.2	2.5	2.5
Education	0.5	0.5	0.4	0.3	0.2
Human health and social work	0.2	0.5	0.3	0.2	0.2
Arts, recreation and other services	0.0	0.0	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates



### 1.1.12 Annual Growth Rates of Gross Fixed Capital Formation by Economic Activity at Current Prices

(%)

Economic Activity	2010	2015	2016	2017	2018*
<b>Total</b>	<b>-8.1</b>	<b>7.1</b>	<b>5.4</b>	<b>-21.2</b>	<b>6.8</b>
Agriculture, forestry and fishing	-3.0	5.6	0.3	2.4	3.2
Mining and quarrying (includes crude oil and natural gas)	-0.6	51.1	36.9	-44.3	9.1
Manufacturing	12.2	-34.4	-10.1	19.5	9.7
Electricity, gas, and water supply; waste management	-22.3	28.7	-50.3	15.1	8.6
Construction	-3.6	2.0	-15.8	-1.3	2.4
Wholesale and retail trade; repair of motor vehicles and motorcycles	-24.3	15.5	12.2	1.6	1.0
Transportation and storage	7.7	10.7	-32.1	3.4	-0.4
Accommodation and food services	-65.3	-9.9	9.7	-65.8	8.1
Information and communication	14.8	42.9	-16.1	15.5	7.0
Financial and insurance	57.9	21.4	2.9	-33.2	8.5
Real estate	-26.1	9.0	2.0	-4.6	3.3
Professional, scientific and technical	-76.1	-11.6	-4.9	-21.4	6.8
Administrative and support services	-79.3	2.8	11.6	-18.5	3.4
Public administration and defence; compulsory social security	-27.9	-24.9	44.8	-36.7	15.9
Education	218.9	26.5	-26.1	-24.2	5.2
Human health and social work	24.5	15.4	-40.4	-10.8	0.7
Arts, recreation and other services	194.8	-2.5	4.1	-64.1	2.3

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

## 1.2. Merchandise Foreign Trade

Foreign trade in goods is of paramount importance to the economy of the Emirate of Abu Dhabi and contribute to a considerable proportion of the Emirate's GDP. In 2018, net trade in goods accounted for 23.3% of the GDP, reflecting the contribution of foreign trade to the economy in general.

The non-oil merchandise trade statistics presented in this section comprises trade in goods, which entered or exited the territory of the Emirate of Abu Dhabi through the ports of Abu Dhabi (comprising air, sea and road ports). It should be noted that foreign trade data presented in this report do not cover non-oil exports, re-exports and imports through ports of the other Emirates in the UAE.

The value of foreign merchandise trade through Abu Dhabi ports increased by 12.5% from AED 393.5 billion in 2017 to AED 442.8 billion in 2018. Commodity imports in goods were valued at AED 112.9 billion in 2018, the main imports during 2018 were 'Vehicles of transport', which accounted for 23.5% of the total value. The United States of America was the main country for imports, from which the Emirate received goods worth AED 13.0 billion.

Non-oil exports were valued at AED 64.4 billion, with 'Pearls, stones, precious metals and articles thereof' contributing 26.6% of the total. Saudi Arabia was the top destination of Abu Dhabi non-oil exports, receiving goods worth AED 27.9 billion from the Emirate in 2018.

Re-exports in 2018 were valued at AED 48.1 billion. The top category during 2018 was 'Vehicles of transport', which contributed 35.1% of the re-exports total. Saudi Arabia was the top country destination for re-exports with goods valued at AED 15.3 billion.

### 1.2.1 Statistics of Foreign Trade in Goods through the Ports of the Emirate of Abu Dhabi

(Million AED)

Item	2010	2015	2016	2017	2018
<b>Total trade in goods</b>	<b>387,276</b>	<b>427,960</b>	<b>386,459</b>	<b>393,495*</b>	<b>442,809*</b>
<b>Total exports of goods</b>	<b>300,702</b>	<b>308,620</b>	<b>268,637</b>	<b>281,372*</b>	<b>329,939*</b>
Oil, gas and oil products	278,105	185,902	140,136	174,893*	217,400*
Non-oil exports of goods	11,611	61,028	69,155	57,680	64,425
Re-exports	10,986	61,690	59,346	48,799	48,114
<b>Imports of goods</b>	<b>86,574</b>	<b>119,339</b>	<b>117,822</b>	<b>112,123</b>	<b>112,870</b>
<b>Net trade in goods</b>	<b>214,128</b>	<b>189,281</b>	<b>150,815</b>	<b>169,249*</b>	<b>217,069*</b>

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

The non-oil foreign trade data 2015-2017 has been updated according to the source's updated data collection methodology

### 1.2.2 The Components of Foreign Trade in Goods as a Percentage of Total Trade in Goods through the Ports of the Emirate of Abu Dhabi

(%)

Item	2010	2015	2016	2017	2018
<b>Total trade in goods</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Total exports of goods</b>	<b>77.6</b>	<b>72.1</b>	<b>69.5</b>	<b>71.5*</b>	<b>74.5*</b>
Oil, gas and oil products	71.8	43.4	36.3	44.4*	49.1*
Non-oil exports of goods	3.0	14.3	17.9	14.7	14.5
Re-exports	2.8	14.4	15.4	12.4	10.9
<b>Imports of goods</b>	<b>22.4</b>	<b>27.9</b>	<b>30.5</b>	<b>28.5</b>	<b>25.5</b>
<b>Net trade in goods</b>	<b>55.3</b>	<b>44.2</b>	<b>39.0</b>	<b>43.0*</b>	<b>49.0*</b>

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

### 1.2.3 Indicators of Foreign Trade through the Ports of the Emirate of Abu Dhabi as a Percentage of the GDP at Current Prices

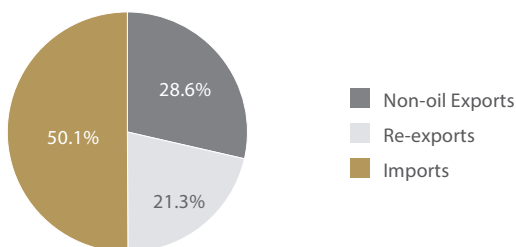
(%)

Item	2010	2015	2016	2017	2018
<b>Total trade in goods</b>	<b>60.5</b>	<b>55.0</b>	<b>50.8</b>	<b>48.4*</b>	<b>47.6*</b>
<b>Total exports of goods</b>	<b>47.0</b>	<b>39.6</b>	<b>35.3</b>	<b>34.6*</b>	<b>35.4*</b>
Oil, gas and oil products	43.5	23.9	18.4	21.5*	23.4*
Non-oil exports of goods	1.8	7.8	9.1	7.1	6.9
Re-exports	1.7	7.9	7.8	6.0	5.2
<b>Imports of goods</b>	<b>13.5</b>	<b>15.3</b>	<b>15.5</b>	<b>13.8</b>	<b>12.1</b>
<b>Net trade in goods</b>	<b>33.5</b>	<b>24.3</b>	<b>19.8</b>	<b>20.8*</b>	<b>23.3*</b>

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

**Figure 1.2.1 Non-oil Foreign Trade in Goods Statistics through the Ports of the Emirate of Abu Dhabi, 2018**



### 1.2.4 Trade Balance of Non-oil Trade in Goods through the Ports of the Emirate of Abu Dhabi by Sections of the Harmonized System (HS), 2018

(Million AED)

Description	Exports	Re- exports	Imports	Balance
<b>Total</b>	<b>64,425.1</b>	<b>48,114.2</b>	<b>112,870.0</b>	<b>-330.8</b>
Live animals and products thereof	2,390.3	343.7	2,854.7	-120.6
Vegetable products	623.2	2,025.7	2,389.4	259.5
Animals or vegetable fats, oil and waxes	568.6	10.1	336.6	242.1
Foodstuffs, beverages, spirits and tobacco	3,759.0	1,033.8	2,057.9	2,735.0
Mineral products	544.8	121.0	5,421.1	-4,755.3
Products of the chemical or allied industries	4,153.6	4,238.6	9,509.0	-1,116.8
Plastic, rubber and articles thereof	10,910.0	1,178.0	4,211.6	7,876.4
Articles of leather and animal gut; travel goods	4.4	158.6	63.2	99.8
Articles of wood, cork; basketware and wickerwork	157.7	288.7	183.9	262.4
Pulp of wood, waste, scrap and article of paper	1,329.2	241.3	1,217.2	353.3
Textiles and textile articles	394.2	2,438.1	716.0	2,116.3
Footwear, umbrella, articles of feather and hair	4.1	446.0	109.0	341.1
Articles of stone, mica; ceramic products and glass	1,047.0	286.5	1,381.4	-47.8
Pearls, stones, precious metals and articles thereof	17,143.3	492.2	5,267.5	12,367.9
Base metals and articles of base metals	16,986.4	3,173.2	21,554.2	-1,394.6
Machinery, sound recorder, reproducers and parts	3,020.2	10,616.3	21,763.6	-8,127.2
Transport vehicles	802.1	16,873.1	26,495.5	-8,820.3
Photographic, medical, musical instruments and parts	79.8	1,136.6	2,244.0	-1,027.6
Arms and ammunition; parts and accessories	0.0	0.0	0.0	0.0
Miscellaneous manufactured articles	499.4	936.6	896.0	540.0
Work of art, collectors pieces and antiques	7.7	2,076.0	4,198.1	-2,114.4

Source: Statistics Centre - Abu Dhabi

### 1.2.5 Total Non-oil Exports of Goods to Imports of Goods Ratio for the Emirate of Abu Dhabi by Sections of the Harmonized System (HS)

(%)

Description	2010	2015	2016	2017	2018
<b>Total</b>	<b>26.1</b>	<b>102.8</b>	<b>109.1</b>	<b>95.4</b>	<b>99.7</b>
Live animals and products thereof	7.0	92.7	72.9	68.5	95.8
Vegetable products	4.4	141.3	150.5	106.1	110.9
Animals or vegetable fats, oil and waxes	47.4	328.0	170.7	137.8	171.9
Foodstuffs, beverages, spirits and tobacco	13.2	220.8	265.1	234.7	232.9
Mineral products	2.8	31.6	30.4	17.4	12.3
Products of the chemical or allied industries	23.9	97.4	104.4	105.2	88.3
Plastic, rubber and articles thereof	52.8	183.2	400.5	288.2	287.0
Articles of leather and animal gut; travel goods	88.0	497.2	354.9	357.1	258.0
Articles of wood, cork; basketware and wickerwork	19.9	157.8	171.3	139.1	242.7
Pulp of wood, waste, scrap and article of paper	30.6	111.3	110.2	102.2	129.0
Textiles and textile articles	160.1	798.2	658.9	521.8	395.6
Footwear, umbrella, articles of feather and hair	63.2	1,323.9	671.0	547.6	413.0
Articles of stone, mica; ceramic products and glass	22.3	135.2	101.7	89.8	96.5
Pearls, stones, precious metals and articles thereof	8.5	553.2	506.6	356.7	334.8
Base metals and articles of base metals	11.3	101.9	97.2	94.4	93.5
Machinery, sound recorder, reproducers and parts	26.0	58.5	47.7	45.9	62.7
Transport vehicles	34.2	53.5	50.3	59.4	66.7
Photographic, medical, musical instruments and parts	11.0	41.1	43.9	46.1	54.2
Arms and ammunition; parts and accessories	12.9	0.0	0.0	0.0	0.0
Miscellaneous manufactured articles	21.1	144.2	122.9	144.2	160.3
Work of art, collectors pieces and antiques	572.2	549.7	519.5	13.2	49.6

Source: Statistics Centre - Abu Dhabi

The non-oil foreign trade data 2015-2017 has been updated according to the source's updated data collection methodology

### 1.2.6 Key Indicators of Non-oil Exports of Goods of the Emirate of Abu Dhabi

(Million AED)

Non-oil Exports of Goods	2010	2015	2016	2017	2018
<b>Total</b>	<b>11,610.8</b>	<b>61,027.9</b>	<b>69,155.3</b>	<b>57,680.4</b>	<b>64,425.1</b>
Agricultural raw materials exports	21.3	95.5	95.5	49.1	124.9
Food products	504.6	10,097.1	8,399.2	7,220.5	7,309.2
Manufactured products	10,321.1	30,649.4	32,024.2	24,886.7	28,776.3
Ores and metals	737.7	6,859.5	7,938.8	9,764.3	10,849.0
Other goods	26.1	13,326.3	20,697.6	15,759.9	17,365.6

Source: Statistics Centre - Abu Dhabi

## 1.2.7 Non-oil Exports of Goods of the Emirate of Abu Dhabi by Sections of the Harmonized System (HS)

(Million AED)

Description	2010	2015	2016	2017	2018
<b>Total</b>	<b>11,610.8</b>	<b>61,027.9</b>	<b>69,155.3</b>	<b>57,680.4</b>	<b>64,425.1</b>
Live animals and products thereof	112.3	2,200.8	1,813.1	1,838.1	2,390.3
Vegetable products	60.0	2,158.0	1,664.5	994.3	623.2
Animals or vegetable fats, oil and waxes	154.5	1,283.5	746.4	564.3	568.6
Foodstuffs, beverages, spirits and tobacco	181.1	4,467.5	4,186.7	3,832.0	3,759.0
Mineral products	35.9	859.9	765.8	605.6	544.8
Products of the chemical or allied industries	509.0	4,284.8	3,724.7	3,562.4	4,153.6
Plastic, rubber and articles thereof	2,147.8	8,452.1	15,320.6	10,927.4	10,910.0
Articles of leather and animal gut; travel goods	1.4	6.5	4.0	2.9	4.4
Articles of wood, cork; basket ware and wickerwork	11.5	83.4	88.5	64.5	157.7
Pulp of wood, waste, scrap and article of paper	188.5	966.0	888.8	863.1	1,329.2
Textiles and textile articles	65.6	781.8	498.9	464.5	394.2
Footwear, umbrella, articles of feather and hair	9.1	15.9	9.0	4.5	4.1
Articles of stone, mica; ceramic products and glass	399.0	1,371.5	1,034.1	840.5	1,047.0
Pearls, stones, precious metals and articles thereof	12.3	13,202.7	20,454.3	15,397.8	17,143.3
Base metals and articles of base metals	1,414.4	14,569.9	13,532.2	14,310.1	16,986.4
Machinery, sound recorder, reproducers and parts	553.4	4,279.5	2,832.7	2,205.6	3,020.2
Transport vehicles	5,699.4	1,381.2	1,014.8	575.8	802.1
Photographic, medical, musical instruments and parts	8.3	76.1	107.7	96.2	79.8
Arms and ammunition; parts and accessories	35.8	0.0	0.0	0.0	0.0
Miscellaneous manufactured articles	10.1	577.2	437.6	516.1	499.4
Work of art, collectors pieces and antiques	1.6	9.5	31.1	14.9	7.7

Source: Department of Finance - Customs Administration

The non-oil foreign trade data 2015-2017 has been updated according to the source's updated data collection methodology

## 1.2.8 Non-oil Exports by Utilization of Items of the Emirate of Abu Dhabi

(Million AED)

Non-oil Exports of Goods	2010	2015	2016	2017	2018
<b>Total</b>	<b>11,610.8</b>	<b>61,027.9</b>	<b>69,155.3</b>	<b>57,680.4</b>	<b>64,425.1</b>
Capital goods	5,765.9	3,157.1	2,258.9	1,373.4	2,309.7
Intermediate goods	5,240.4	45,142.6	56,154.4	47,059.7	51,699.0
Final consumption goods	604.5	12,728.2	10,742.0	9,247.3	10,416.4

Source: Statistics Centre - Abu Dhabi

The non-oil foreign trade data 2015-2017 has been updated according to the source's updated data collection methodology

## 1.2.9 Non-oil Exports of Creative and Technology Goods of the Emirate of Abu Dhabi

(Million AED)

Non-oil Exports of Goods	2010	2015	2016	2017	2018
<b>Total</b>	<b>138.1</b>	<b>2,318.1</b>	<b>1,804.9</b>	<b>923.1</b>	<b>2,298.1</b>
Creative goods	62.4	993.2	796.6	387.0	612.6
Information and communication technology (ICT) goods	1.4	19.2	11.9	33.6	624.4
High-tech products	74.3	1,305.7	996.4	502.4	1,061.1

Source: Statistics Centre - Abu Dhabi

The non-oil foreign trade data 2015-2017 has been updated according to the source's updated data collection methodology

## 1.2.10 Non-oil Exports of Goods of the Emirate of Abu Dhabi by Continent

(Million AED)

Continent	2017		2018	
	Value	%	Value	%
<b>Total</b>	<b>57,680.4</b>	<b>100.0</b>	<b>64,425.1</b>	<b>100.0</b>
Africa	1,952.3	3.4	2,786.5	4.3
Asia	43,724.1	75.8	50,463.1	78.3
Australia and Oceania	46.5	0.1	119.5	0.2
Europe	9,334.0	16.2	7,731.0	12.0
Northern America	2,599.6	4.5	3,226.1	5.0
South America	23.9	0.0	98.9	0.2

Source: Statistics Centre - Abu Dhabi

The non-oil foreign trade data 2017 has been updated according to the source's updated data collection methodology



### 1.2.11 Top Trade in Goods Partners of the Emirate of Abu Dhabi (Non-oil Exports)

(Million AED)

Countries	2017		2018	
	Value	%	Value	%
<b>Total</b>	<b>57,680.4</b>	<b>100.0</b>	<b>64,425.1</b>	<b>100.0</b>
Saudi Arabia	17,435.9	30.2	27,931.2	43.4
Switzerland	7,336.8	12.7	5,449.6	8.5
Kuwait	4,070.8	7.1	4,565.2	7.1
China	4,129.2	7.2	3,528.5	5.5
Kingdom of Bahrain	1,830.5	3.2	2,991.0	4.6
United States of America	2,384.6	4.1	2,906.6	4.5
India	1,777.5	3.1	2,474.7	3.8
Oman	1,602.4	2.8	1,950.4	3.0
Jordan	1,390.4	2.4	1,733.8	2.7
Netherlands	1,014.7	1.8	1,217.0	1.9
Others	14,707.8	25.5	9,677.1	15.0

Source: Department of Finance - Customs Administration

The non-oil foreign trade data 2017 has been updated according to the source's updated data collection methodology

### 1.2.12 Non-oil Exports of Goods through the Ports of the Emirate of Abu Dhabi to GCC Countries

(Million AED)

Countries	2017		2018	
	Value	%	Value	%
<b>Total</b>	<b>27,861.6</b>	<b>100.0</b>	<b>37,437.8</b>	<b>100.0</b>
Saudi Arabia	17,435.9	62.6	27,931.2	74.6
Kuwait	4,070.8	14.6	4,565.2	12.2
Kingdom of Bahrain	1,830.5	6.6	2,991.0	8.0
Oman	1,602.4	5.8	1,950.4	5.2
Qatar	2,922.1	10.5	0.0	0.0

Source: Department of Finance - Customs Administration

The non-oil foreign trade data 2017 has been updated according to the source's updated data collection methodology

### 1.2.13 Non-oil Exports of Goods through the Ports of the Emirate of Abu Dhabi by Mode of Shipping

(Million AED)

Mode of Shipping	2017		2018	
	Value	%	Value	%
<b>Total</b>	<b>57,680.4</b>	<b>100.0</b>	<b>64,425.1</b>	<b>100.0</b>
Sea	15,982.5	27.7	17,705.6	27.5
Land	26,021.6	45.1	28,498.9	44.2
Air	15,676.3	27.2	18,220.5	28.3

Source: Department of Finance - Customs Administration

The non-oil foreign trade data 2017 has been updated according to the source's updated data collection methodology

The Emirate of Abu Dhabi exported 0.48 billion barrels of crude oil in 2018. Japan was the top importer receiving around 31.4% of the Emirate's total crude oil exports. The Emirate exported 30.2 million metric tons of refined petroleum products, of which Netherlands 14.7%, followed by Japan, which purchased 13.0%.

The Emirate imported 788.8 billion cubic feet of natural gas in 2018, at a daily average of 2.2 billion cubic feet.

### 1.2.14 Exports of Crude Oil through the Ports of the Emirate of Abu Dhabi by Country

(Thousand Barrels)

Countries	2017*		2018*	
	Volume	%	Volume	%
<b>Total</b>	<b>480,467.0</b>	<b>100.0</b>	<b>477,587.1</b>	<b>100.0</b>
Japan	150,657.2	31.4	149,815.9	31.4
India	75,129.8	15.6	79,809.3	16.7
South Korea	46,983.7	9.8	49,118.7	10.3
China	28,759.1	6.0	44,300.0	9.3
Singapore	51,848.5	10.8	37,690.4	7.9
Pakistan	35,333.7	7.4	35,084.7	7.3
Taiwan	19,373.2	4.0	18,679.1	3.9
Bangladesh	5,115.2	1.1	5,138.1	1.1
New Zealand	6,445.6	1.3	4,601.9	1.0
Philippines	3,795.0	0.8	3,565.9	0.7
South Africa	2,475.2	0.5	3,439.8	0.7
Malaysia	1,396.8	0.3	2,999.1	0.6
Burma	990.7	0.2	1,185.1	0.2
others	52,163.2	10.9	42,159.1	8.8

Source: Abu Dhabi National Oil Company - ADNOC

\* Preliminary estimates

### 1.2.15 Exports of Refined Petroleum Products through the Ports of the Emirate of Abu Dhabi by Country

(Metric Tons)

Countries	2017*		2018*	
	Volume	%	Volume	%
<b>Total</b>	<b>32,480,500.8</b>	<b>100.0</b>	<b>30,197,305.1</b>	<b>100.0</b>
Netherlands	3,903,489.7	12.0	4,432,674.9	14.7
Japan	4,628,268.0	14.2	3,935,148.9	13.0
South Korea	3,386,314.1	10.4	3,332,405.3	11.0
China	3,805,732.9	11.7	2,810,017.6	9.3
Singapore	2,459,373.3	7.6	2,550,704.8	8.4
United State of America	1,014,177.4	3.1	2,473,312.0	8.2
Taiwan	1,274,499.1	3.9	1,273,013.9	4.2
South Africa	1,119,966.1	3.4	1,020,531.2	3.4
Oman	188,869.5	0.6	781,000.4	2.6
Mozambique	226,273.9	0.7	754,559.1	2.5
Thailand	359,788.7	1.1	622,822.6	2.1
India	3,514,359.8	10.8	601,945.9	2.0
Kenya	995,044.2	3.1	578,400.3	1.9
France	588,721.9	1.8	528,366.8	1.7
Brazil	41,686.2	0.1	509,717.3	1.7
Egypt	20,962.0	0.1	455,001.6	1.5
Australia	41,684.0	0.1	394,635.7	1.3
Malaysia	552,244.0	1.7	392,955.0	1.3
Togo	0.0	0.0	363,878.0	1.2
Belgium	0.0	0.0	352,797.8	1.2
United Kingdom	0.0	0.0	349,758.4	1.2
Spain	0.0	0.0	303,215.9	1.0
Argentina	139,878.6	0.4	262,206.6	0.9
Jordan	57,621.1	0.2	199,425.2	0.7
Tanzania	135,270.3	0.4	184,067.3	0.6
Others	4,026,275.9	12.4	734,742.6	2.4

Source: Abu Dhabi National Oil Company - ADNOC

\* Preliminary estimates

### 1.2.16 Natural Gas Imports of the Emirate of Abu Dhabi

(Million Cubic Feet)

Item	2010	2015	2016	2017	2018
Volume of imports	794,786.0	768,357.0	773,366.0	754,530.0	788,792.0
Daily average	2,178.0	2,105.0	2,119.0	2,067.0	2,161.0

Source: Statistics Centre - Abu Dhabi

### 1.2.17 Key Indicators of Re-exports through the Ports of the Emirate of Abu Dhabi

(Million AED)

Re-exports of Goods	2010	2015	2016	2017	2018
<b>Total</b>	<b>10,985.9</b>	<b>61,690.3</b>	<b>59,345.7</b>	<b>48,798.7</b>	<b>48,114.2</b>
Agricultural raw materials	24.4	289.8	302.6	205.5	232.8
Food products	109.3	3,128.9	3,175.3	2,546.5	3,359.1
Manufactured products	10,374.3	54,868.9	48,688.8	43,310.2	43,445.1
Ores and metals	21.0	428.9	309.4	223.0	436.9
Other goods	456.9	2,973.7	6,869.5	2,513.5	640.2

Source: Statistics Centre - Abu Dhabi

The non-oil foreign trade data 2015-2017 has been updated according to the source's updated data collection methodology

### 1.2.18 Re-exports through the Ports of the Emirate of Abu Dhabi by Sections of the Harmonized System (HS)

(Million AED)

Description	2010	2015	2016	2017	2018
<b>Total</b>	<b>10,985.9</b>	<b>61,690.3</b>	<b>59,345.7</b>	<b>48,798.7</b>	<b>48,114.2</b>
Live animals	20.7	428.2	303.5	263.1	343.7
Vegetable products	65.0	1,935.4	1,528.5	1,266.5	2,025.7
Animal or vegetable fats, oil and waxes	1.1	18.5	14.0	13.8	10.1
Foodstuffs, beverages, spirits and tobacco	28.4	886.2	1,494.6	1,094.2	1,033.8
Mineral products	31.9	347.2	261.5	179.4	121.0
Products of the chemical or allied industries	469.8	6,643.6	5,744.2	4,866.8	4,238.6
Plastics, rubber and articles thereof	124.1	2,029.8	1,559.9	1,253.1	1,178.0
Articles of leather and animal gut; travel goods	60.3	462.9	400.2	282.8	158.6
Articles of wood, crock, basket ware and wickerwork	85.7	379.9	300.0	274.4	288.7
Pulp of wood, waste, scrap and articles of paper	229.1	298.1	271.9	270.0	241.3
Textiles and textile articles	1,373.0	6,919.9	5,404.8	4,221.9	2,438.1
Footwear, umbrellas, articles of feather and hair	65.6	2,082.3	1,567.9	839.9	446.0
Articles of stone, mica, ceramic products and glass	46.5	598.7	528.2	385.4	286.5
Pearls, stones, precious metals and its articles	5.6	3,162.4	7,007.2	2,305.6	492.2
Base metals and articles of base meta	376.0	4,889.1	3,826.3	3,238.6	3,173.2
Machinery, sound recorders, reproducers and parts	5,837.1	14,678.1	12,716.6	10,577.4	10,616.3
Vehicles of transport	1,383.7	13,207.5	13,838.4	15,309.8	16,873.1
Photographic, medical, musical instruments and parts	176.1	1,125.2	1,116.7	893.6	1,136.6
Arms and ammunition, parts and accessories	18.2	0.0	0.0	0.0	0.0
Miscellaneous manufactured articles	143.1	1,162.6	1,088.8	1,016.3	936.6
Pieces and antiques, works of art, collectors	445.0	434.5	372.2	245.9	2,076.0

Source: Department of Finance - Customs Administration

The non-oil foreign trade data 2015-2017 has been updated according to the source's updated data collection methodology

### 1.2.19 Re-exports by Utilization of Items of the Emirate of Abu Dhabi

(Million AED)

Re-exports of Goods	2010	2015	2016	2017	2018
<b>Total</b>	<b>10,985.9</b>	<b>61,690.3</b>	<b>59,345.7</b>	<b>48,798.7</b>	<b>48,114.2</b>
Capital goods	4,651.3	10,996.2	8,490.8	6,746.6	6,363.7
Intermediate goods	2,893.4	23,904.2	26,072.1	19,901.3	16,538.5
Final consumption goods	3,441.2	26,789.8	24,782.8	22,150.7	25,212.0

Source: Statistics Centre - Abu Dhabi

The non-oil foreign trade data 2015-2017 has been updated according to the source's updated data collection methodology

### 1.2.20 Re-exports of Creative and Technology Goods of the Emirate of Abu Dhabi

(Million AED)

Re-exports of Goods	2010	2015	2016	2017	2018
<b>Total</b>	<b>7,713.7</b>	<b>9,743.0</b>	<b>10,261.0</b>	<b>8,946.8</b>	<b>11,028.0</b>
Creative goods	481.4	2,119.1	1,928.2	1,167.3	2,725.0
Information and communication technology (ICT) goods	3,651.7	3,102.3	2,852.1	2,867.1	2,722.8
High-tech products	3,580.6	4,521.5	5,480.7	4,912.4	5,580.2

Source: Statistics Centre - Abu Dhabi

The non-oil foreign trade data 2015-2017 has been updated according to the source's updated data collection methodology

### 1.2.21 Re-exports through the Ports of the Emirate of Abu Dhabi by Continent

(Million AED)

Continent	2017		2018	
	Value	%	Value	%
<b>Total</b>	<b>48,798.7</b>	<b>100.0</b>	<b>48,114.2</b>	<b>100.0</b>
Africa	963.7	2.0	1,284.2	2.7
Asia	44,290.4	90.8	43,008.4	89.4
Australia and Oceania	17.6	0.0	11.3	0.0
Europe	3,273.9	6.7	3,593.4	7.5
Northern America	147.4	0.3	184.6	0.4
South America	105.7	0.2	32.3	0.1

Source: Statistics Centre - Abu Dhabi

The non-oil foreign trade data 2017 has been updated according to the source's updated data collection methodology

## 1.2.22 Top Trade Partners through the Ports of the Emirate of Abu Dhabi (Re-exports)

(Million AED)

Countries	2017		2018	
	Value	%	Value	%
<b>Total</b>	<b>48,798.7</b>	<b>100.0</b>	<b>48,114.2</b>	<b>100.0</b>
Saudi Arabia	16,714.0	34.3	15,317.0	31.8
Kuwait	6,976.4	14.3	6,644.0	13.8
Kingdom of Bahrain	4,085.6	8.4	4,455.0	9.3
China	3,444.0	7.1	2,736.8	5.7
Germany	1,005.7	2.1	1,944.4	4.0
Oman	1,601.0	3.3	1,314.3	2.7
Jordan	1,302.8	2.7	1,177.8	2.4
Yemen	664.9	1.4	1,161.8	2.4
United Kingdom	926.2	1.9	881.3	1.8
India	470.7	1.0	651.0	1.4
Others	11,607.3	23.8	11,830.7	24.6

Source: Department of Finance - Customs Administration

The non-oil foreign trade data 2017 has been updated according to the source's updated data collection methodology

## 1.2.23 Re-exports through the Ports of the Emirate of Abu Dhabi to GCC Countries

(Million AED)

Countries	2017		2018	
	Value	%	Value	%
<b>Total</b>	<b>33,429.5</b>	<b>100.0</b>	<b>27,730.2</b>	<b>100.0</b>
Saudi Arabia	16,714.0	50.0	15,317.0	55.2
Kuwait	6,976.4	20.9	6,644.0	24.0
Kingdom of Bahrain	4,085.6	12.2	4,455.0	16.1
Oman	1,601.0	4.8	1,314.3	4.7
Qatar	4,052.4	12.1	0.0	0.0

Source: Department of Finance - Customs Administration

The non-oil foreign trade data 2017 has been updated according to the source's updated data collection methodology

## 1.2.24 Re-exports through the Ports of the Emirate of Abu Dhabi by Mode of Shipping

(Million AED)

Mode of shipping	2017		2018	
	Value	%	Value	%
<b>Total</b>	<b>48,798.7</b>	<b>100.0</b>	<b>48,114.2</b>	<b>100.0</b>
Sea	5,684.1	11.6	9,455.0	19.7
Land	28,126.0	57.6	23,578.2	49.0
Air	14,988.6	30.7	15,080.9	31.3

Source: Department of Finance - Customs Administration

The non-oil foreign trade data 2017 has been updated according to the source's updated data collection methodology

### 1.2.25 Key Indicators of Imports of Goods of the Emirate of Abu Dhabi

(Million AED)

Imports of Goods	2010	2015	2016	2017	2018
<b>Total</b>	<b>86,573.7</b>	<b>119,339.5</b>	<b>117,822.0</b>	<b>112,122.7</b>	<b>112,870.0</b>
Agricultural raw materials	365.4	468.8	422.0	490.0	707.8
Food products	6,540.0	8,505.3	7,569.7	7,671.1	7,570.6
Manufactured products	73,931.6	94,098.6	91,498.8	84,067.9	83,029.6
Ores and metals	4,861.0	12,065.9	11,898.6	13,726.2	14,739.6
Other goods	875.7	4,200.9	6,432.8	6,167.5	6,822.3

Source: Statistics Centre - Abu Dhabi

The non-oil foreign trade data 2015-2017 has been updated according to the source's updated data collection methodology



## 1.2.26 Imports of Goods through the Ports of the Emirate of Abu Dhabi by Sections of the Harmonized System (HS)

(Million AED)

Description	2010	2015	2016	2017	2018
<b>Total</b>	<b>86,573.7</b>	<b>119,339.5</b>	<b>117,822.0</b>	<b>112,122.7</b>	<b>112,870.0</b>
Live animals	1,891.8	2,836.4	2,902.1	3,067.8	2,854.7
Vegetable products	2,816.5	2,897.8	2,121.7	2,130.0	2,389.4
Animal or vegetable fats, oil and waxes	328.3	396.9	445.5	419.6	336.6
Foodstuffs, beverages, spirits and tobacco	1,581.9	2,424.2	2,142.9	2,098.5	2,057.9
Mineral products	2,456.3	3,817.8	3,373.9	4,506.6	5,421.1
Products of the chemical or allied industries	4,102.7	11,217.9	9,070.9	8,014.5	9,509.0
Plastics, rubber and articles thereof	4,303.7	5,722.4	4,214.4	4,226.0	4,211.6
Articles of leather and animal gut; travel goods	70.1	94.4	113.9	80.0	63.2
Articles of wood, crook, basket ware and wickerwork	489.0	293.5	226.8	243.5	183.9
Pulp of wood, waste, scrap and articles of paper	1,364.1	1,136.1	1,053.1	1,109.2	1,217.2
Textiles and textile articles	898.5	964.8	896.0	898.2	716.0
Footwear, umbrellas, articles of feather and hair	118.1	158.5	235.0	154.2	109.0
Articles of stone, mica, ceramic products and glass	2,002.0	1,457.5	1,536.4	1,365.9	1,381.4
Pearls, stones, precious metals and its articles	210.5	2,958.1	5,421.2	4,962.6	5,267.5
Base metals and articles of base meta	15,780.3	19,104.2	17,859.2	18,581.7	21,554.2
Machinery, sound recorders, reproducers and parts	24,553.6	32,395.2	32,594.2	27,872.1	21,763.6
Vehicles of transport	20,704.1	27,256.6	29,503.5	26,761.4	26,495.5
Photographic, medical, musical instruments and parts	1,681.0	2,919.5	2,791.6	2,147.2	2,244.0
Arms and ammunition, parts and accessories	418.1	0.1	0.0	451.7	0.0
Miscellaneous manufactured articles	725.0	1,206.7	1,241.9	1,062.3	896.0
Pieces and antiques, works of art, collectors	78.0	80.8	77.6	1,969.7	4,198.1

Source: Department of Finance - Customs Administration

The non-oil foreign trade data 2015-2017 has been updated according to the source's updated data collection methodology

### 1.2.27 Imports by Utilization of Items of the Emirate of Abu Dhabi

(Million AED)

Imports of Goods	2010	2015	2016	2017	2018
<b>Total</b>	<b>86,573.7</b>	<b>119,339.5</b>	<b>117,822.0</b>	<b>112,122.7</b>	<b>112,870.0</b>
Capital goods	16,369.6	20,147.1	18,930.8	14,381.9	12,642.0
Intermediate goods	49,393.8	71,655.2	74,234.0	68,490.4	67,978.6
Final consumption goods	20,810.3	27,537.1	24,657.1	29,250.5	32,249.3

Source: Statistics Centre - Abu Dhabi

The non-oil foreign trade data 2015-2017 has been updated according to the source's updated data collection methodology

### 1.2.28 Imports of Creative and Technology Goods of the Emirate of Abu Dhabi

(Million AED)

Imports of Goods	2010	2015	2016	2017	2018
<b>Total</b>	<b>10,883.0</b>	<b>12,982.0</b>	<b>15,362.0</b>	<b>18,900.9</b>	<b>18,734.1</b>
Creative goods	1,076.0	1,085.6	970.5	2,890.0	4,815.5
Information and communication technology (ICT) goods	2,048.7	2,156.7	2,009.2	2,211.3	2,774.4
High-tech products	7,758.2	9,739.7	12,382.3	13,799.6	11,144.2

Source: Statistics Centre - Abu Dhabi

The non-oil foreign trade data 2015-2017 has been updated according to the source's updated data collection methodology

### 1.2.29 Imports of Goods through the Ports of the Emirate of Abu Dhabi by Continent

(Million AED)

Continent	2017		2018	
	Value	%	Value	%
<b>Total</b>	<b>112,122.7</b>	<b>100.0</b>	<b>112,870.0</b>	<b>100.0</b>
Africa	5,595.1	5.0	7,640.2	6.8
Asia	54,259.3	48.4	57,537.5	51.0
Australia and Oceania	2,475.2	2.2	3,216.4	2.8
Europe	29,564.7	26.4	27,728.1	24.6
Northern America	18,124.7	16.2	14,227.1	12.6
South America	2,103.7	1.9	2,520.7	2.2

Source: Statistics Centre - Abu Dhabi

The non-oil foreign trade data 2017 has been updated according to the source's updated data collection methodology

### 1.2.30 Top Trade in Goods Partners of the Emirate of Abu Dhabi (Imports)

(Million AED)

Countries	2017		2018	
	Value	%	Value	%
<b>Total</b>	<b>112,122.7</b>	<b>100.0</b>	<b>112,870.0</b>	<b>100.0</b>
United States of America	16,949.8	15.1	13,019.2	11.5
Saudi Arabia	11,928.1	10.6	12,685.6	11.2
Japan	10,221.0	9.1	11,471.7	10.2
China	5,422.6	4.8	7,633.6	6.8
France	5,549.8	4.9	6,272.9	5.6
South Korea	6,332.8	5.6	5,980.4	5.3
India	3,508.9	3.1	5,499.2	4.9
Germany	6,004.8	5.4	5,344.4	4.7
Congo	2,981.9	2.7	4,849.4	4.3
United Kingdom	4,566.8	4.1	3,241.8	2.9
Others	38,656.3	34.5	36,871.9	32.7

Source: Department of Finance - Customs Administration

The non-oil foreign trade data 2017 has been updated according to the source's updated data collection methodology

### 1.2.31 Imports of Goods through the Ports of the Emirate of Abu Dhabi from GCC Countries by Value

(Million AED)

Countries	2017		2018	
	Value	%	Value	%
<b>Total</b>	<b>16,072.3</b>	<b>100.0</b>	<b>16,986.3</b>	<b>100.0</b>
Saudi Arabia	11,928.1	74.2	12,685.6	74.7
Oman	1,451.3	9.0	1,894.8	11.2
Kingdom of Bahrain	1,671.9	10.4	1,814.7	10.7
Kuwait	639.8	4.0	591.2	3.5
Qatar	381.2	2.4	0.1	0.0

Source: Department of Finance - Customs Administration

The non-oil foreign trade data 2017 has been updated according to the source's updated data collection methodology

### 1.2.32 Imports of Goods through the Ports of the Emirate of Abu Dhabi by Mode of Shipping

(Million AED)

Mode of Shipping	2017		2018	
	Value	%	Value	%
<b>Total</b>	<b>112,122.7</b>	<b>100.0</b>	<b>112,870.0</b>	<b>100.0</b>
Sea	63,048.1	56.2	64,840.6	57.4
Land	18,188.6	16.2	17,408.9	15.4
Air	30,886.1	27.5	30,620.5	27.1

Source: Department of Finance - Customs Administration

The non-oil foreign trade data 2017 has been updated according to the source's updated data collection methodology

## 1.3. Prices

The price index is defined as a tool for measuring the rate of change in prices of a set of goods and services between two periods. The period against which prices are compared is known as the base period and the period under review is known as the comparison period.

Price statistics and indices include data on price levels in different sectors such as consumer, construction materials, and producers, in addition to a number of economic indicators such as inflation and the index of industrial production quantities. The annual and monthly inflation rates of the Emirate of Abu Dhabi are calculated through the consumer price index. The consumer price index is calculated according to the type of household, the level of family welfare and by region.

The most important results of calculating the consumer price index for 2018 with a 2014 base year are as follows:

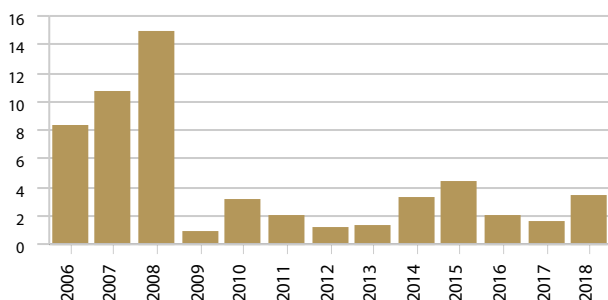
- Consumer price inflation reached 3.3% during 2018 compared with 2017. The index reached 111.6% in 2018, while it was 108.1% in 2017.
- The 'Transportation' group contributed 35.8% of the total rate of increase. This contribution was due to the high prices of this group which rose by 8.4%.
- The 'Clothing and footwear' group contributed 31.5% of the total rate of increase achieved during 2018, compared with 2017, while prices of this group increased by 20.8%.
- The 'Recreation and culture' group contributed 15.9% of the total rate of increase achieved during 2018. This contribution was due to the increase in the prices of this group by 12.5%.

The producer price index covers the manufacturing sector and is calculated quarterly. The construction of the producer price index is based on the list of major products in the manufacturing activities of ISIC4. The most important result of calculating the index of industrial producer prices for 2018 compared with 2017 was the 13.4% increase in prices.

The quantitative index of industrial producers covers the manufacturing sector. The calculation is based on the list of major products in the manufacturing activities of ISIC 4. The most important results of calculating the industrial production index for the year 2018 compared with 2017 was the decrease of 9.8% in industrial production.

The prices of building materials are considered to be important economic indicators for planning and research in various fields. They are also used in the compilation of indices of the construction activity and for the calculation of GDP at constant prices. As a result of the continuous development of the Emirate of Abu Dhabi and the continuous growth in the construction sector, the Statistics Center - Abu Dhabi regularly collects data on the prices of these materials. The annual relative change in construction materials prices for 2018 is shown compared with 2017, in addition to the relative annual change since 2013.

**Figure 1.3.1 Annual Rates of Inflation**



Source: Statistics Centre - Abu Dhabi

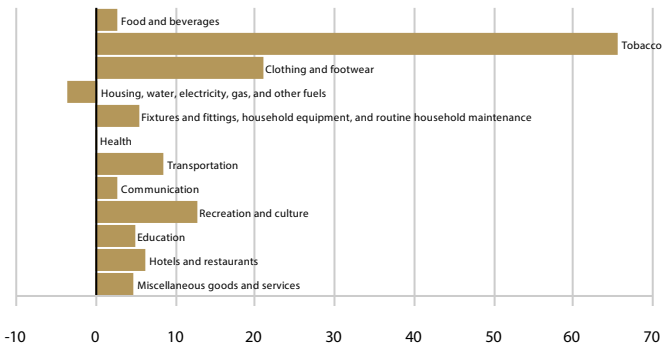
### 1.3.1 Contribution of Different Expenditure Groups to the Overall Annual Percentage Change in Prices in 2018 Compared with 2017

(%)

Major Expenditure Groups	Weight (100.0)	Relative Change	Contribution
Food and beverages	12.3	2.5	8.9
Tobacco	0.2	65.4	4.8
Clothing and footwear	5.4	20.8	31.5
Housing, water, electricity, gas, and other fuels	31.2	-3.6	-37.6
Fixtures and fittings, household equipment, and routine household maintenance	7.2	5.2	10.8
Health	1.6	-0.1	0.0
Transportation	14.7	8.4	35.8
Communication	5.0	2.6	3.5
Recreation and culture	4.8	12.5	15.9
Education	6.9	4.7	9.9
Hotels and restaurants	3.8	6.1	6.9
Miscellaneous goods and services	7.0	4.5	9.8

Source: Statistics Centre - Abu Dhabi

**Figure 1.3.2 Relative Change in Average Prices for the Main Expenditure Groups in 2018 Compared with 2017 (%)**



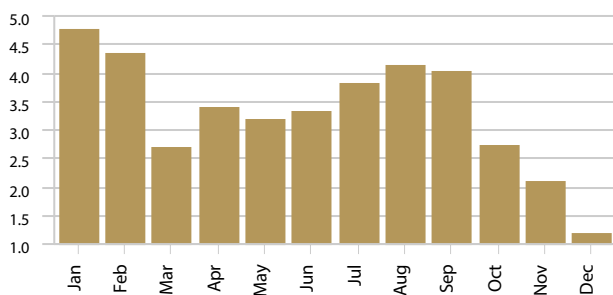
Source: Statistics Centre - Abu Dhabi

**1.3.2 Relative Change in the Prices of the Main Expenditure Groups**  
(2014=100)

Groups of Commodities and Services	Weight (100.0)	Relative Change % 2018
Food and beverages	12.3	2.5
Tobacco	0.2	65.4
Clothing and footwear	5.4	20.8
Housing, water, electricity, gas and other fuels	31.2	-3.6
Furnishing, household equipment and routine household maintenance	7.2	5.2
Health	1.6	-0.1
Transport	14.7	8.4
Communication	5.0	2.6
Recreation and culture	4.8	12.5
Education	6.9	4.7
Restaurant and hotels	3.8	6.1
Miscellaneous goods and services	7.0	4.5

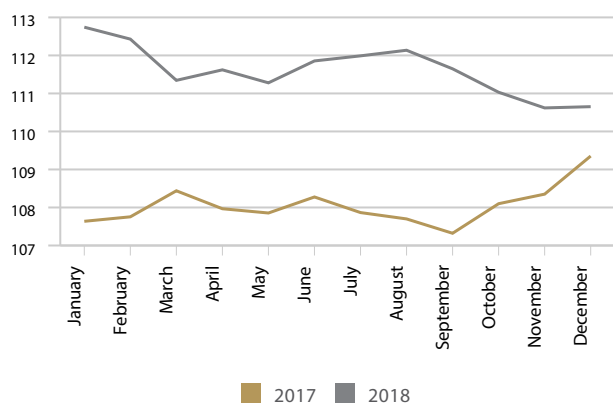
Source: Statistics Centre - Abu Dhabi

**Figure 1.3.3 Annual Inflation Rates for the months of 2018**



Source: Statistics Center - Abu Dhabi

**Figure 1.3.4 Monthly CPI 2017, 2018**



Source: Statistics Center - Abu Dhabi

1.3.3 Annual CPI and Inflation Rates 2010 - 2018 (2014=100)

Year	CPI	Inflation Rate (%)
2010	92.8	3.1
2011	94.6	1.9
2012	95.7	1.1
2013	96.9	1.3
2014	100.0	3.2
2015	104.3	4.3
2016	106.4	2.0
2017	108.1	1.6
2018	111.6	3.3

Source: Statistic Centre - Abu Dhabi

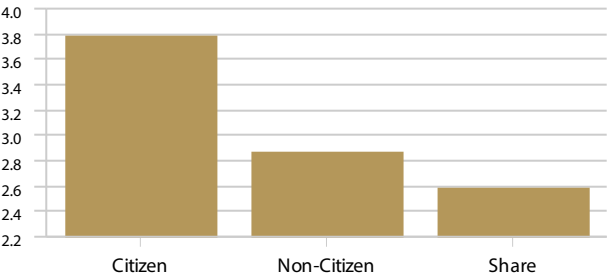


1.3.4 Annual CPI and relative change by Household Type 2017 , 2018

Year	Citizen	Non-Citizen	Share
2017	107.4	108.5	109.2
2018	111.5	111.6	112.0
Relative Change %	3.8	2.9	2.6

Source: Statistic Centre - Abu Dhabi

Figure 1.3.5 Relative Change in CPI by Household Type in 2018 compared with 2017



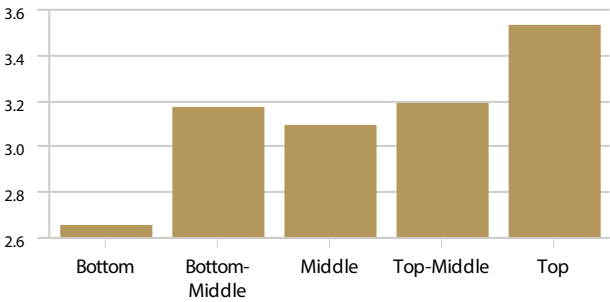
Source: Statistics Center - Abu Dhabi

### 1.3.5 CPI by Household Welfare Level for 2017 and 2018

Year	Bottom	Bottom-Middle	Middle	Top-Middle	Top
2017	109.8	109.3	109.1	108.3	107.0
2018	112.7	112.8	112.5	111.8	110.8
Relative Change %	2.7	3.2	3.1	3.2	3.5

Source: Statistic Centre - Abu Dhabi

**Figure 1.3.6 Relative Change in the CPI by Household Welfare Level in 2018 Compared with 2017**



Source: Statistics Center - Abu Dhabi

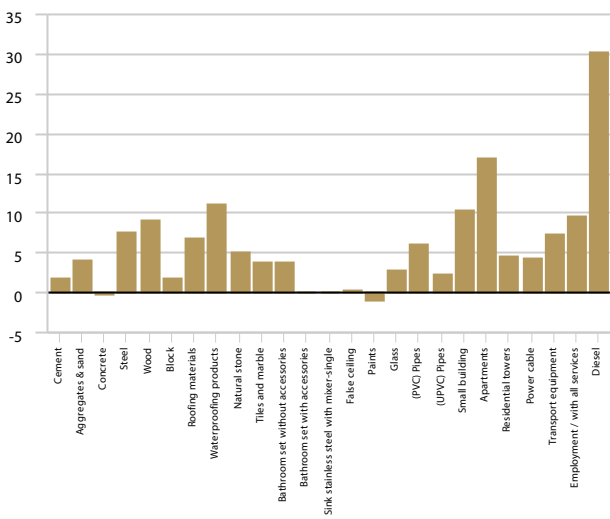
### 1.3.6 Relative Change in the Price Averages of the Main Groups of Building Materials during 2014 - 2018

(Price in AED)

Groups	Relative Change 2015 /2014 (%)	Relative Change 2016 /2015 (%)	Relative Change 2017/2016 (%)	Relative Change 2018 /2017 (%)
<b>Cement</b>	<b>0.3</b>	<b>-1.5</b>	<b>-0.9</b>	<b>1.7</b>
<b>Aggregates &amp; sand</b>	<b>-1.0</b>	<b>-3.3</b>	<b>4.2</b>	<b>4.0</b>
<b>Concrete</b>	<b>0.1</b>	<b>-0.7</b>	<b>-1.9</b>	<b>-0.3</b>
<b>Steel</b>	<b>-15.7</b>	<b>0.7</b>	<b>11.7</b>	<b>7.5</b>
<b>Wood</b>	<b>1.2</b>	<b>-3.8</b>	<b>-1.0</b>	<b>9.0</b>
<b>Block</b>	<b>-0.4</b>	<b>8.2</b>	<b>9.2</b>	<b>1.8</b>
<b>Roofing materials</b>	<b>1.0</b>	<b>-1.0</b>	<b>-4.0</b>	<b>6.9</b>
<b>Waterproofing products</b>	<b>-17.0</b>	<b>-14.5</b>	<b>-4.7</b>	<b>11.0</b>
<b>Waterproofing bituminous membrane</b>				
<b>Natural stone</b>	<b>-1.1</b>	<b>-0.4</b>	<b>-7.6</b>	<b>5.1</b>
<b>Tiles and marble</b>	<b>5.9</b>	<b>2.2</b>	<b>0.9</b>	<b>3.7</b>
Sanitary ware				
Bathroom set without accessories	1.0	3.4	1.7	3.8
Bathroom set with accessories	-1.2	-0.2	0.0	-0.1
Sink stainless steel with mixer-single	-0.5	0.0	0.0	0.0
<b>False ceiling</b>	<b>6.5</b>	<b>6.3</b>	<b>1.1</b>	<b>0.3</b>
<b>Paints</b>	<b>-1.1</b>	<b>-7.1</b>	<b>-3.7</b>	<b>-1.0</b>
<b>Glass</b>	<b>-0.4</b>	<b>2.3</b>	<b>-4.4</b>	<b>2.7</b>
Pipes				
(PVC) Pipes	-6.5	0.4	-5.6	6.1
(UPVC) Pipes	-6.1	-8.1	1.2	2.4
Wires				
Small building	-2.7	3.2	-0.1	10.4
Apartments	-1.8	0.8	-1.3	16.8
Residential towers	-8.8	-0.4	0.6	4.5
<b>Power cable</b>	<b>-11.3</b>	<b>-5.2</b>	<b>13.2</b>	<b>4.4</b>
<b>Transport equipment</b>	<b>-0.5</b>	<b>-0.3</b>	<b>0.3</b>	<b>7.2</b>
<b>Employment / with all services</b>	<b>2.7</b>	<b>-8.1</b>	<b>-2.0</b>	<b>9.7</b>
<b>Diesel</b>	<b>-8.0</b>	<b>-21.1</b>	<b>20.0</b>	<b>30.3</b>

Source: Statistics Centre - Abu Dhabi

Figure 1.3.7 Relative Change in Price Averages of the Main Groups of Building Materials in 2018 Compared with 2017



Source: Statistics Center - Abu Dhabi

### 1.3.7 Industrial Producer Price Index during 2018 and 2017

Economic Activities	weight of base year	PPI 2017	PPI 2018	Percentage change
Manufacturing	100.0	71.7	81.3	13.4
Manufacture of food products	2.9	92.4	88.3	-4.4
Manufacture of beverages	0.8	100.0	103.6	3.6
Manufacture of textiles	0.3	94.5	97.0	2.8
Manufacture of wearing apparel	1.2	109.8	93.7	-14.7
Manufacture of leather and related products	0.1	99.5	97.4	-2.1
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	0.7	69.7	69.7	-0.1
Manufacture of paper and paper products	0.4	92.2	106.8	15.9
Printing and reproduction of recorded media	0.3	111.3	117.7	5.7
Manufacture of coke and refined petroleum products	36.5	52.1	66.0	26.8
Manufacture of chemicals and chemical products	16.9	54.0	68.3	26.7
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0.2	90.9	90.9	0.0
Manufacture of rubber and plastics products	1.3	77.3	84.9	9.8
Manufacture of other non-metallic mineral products	11.0	93.1	93.7	0.6
Manufacture of basic metals	6.3	80.5	93.3	15.8
Manufacture of fabricated metal products, except machinery and equipment	9.6	96.7	113.2	17.1
Manufacture of computer, electronic and optical products	0.1	94.9	94.9	0.0
Manufacture of electrical equipment	4.1	83.9	88.0	4.9
Manufacture of machinery and equipment n.e.c.	0.6	171.6	122.1	-28.9
Manufacture of motor vehicles, trailers and semi-trailers	0.1	106.4	108.9	2.4
Manufacture of other transport equipment	1.6	104.0	93.5	-10.1
Manufacture of furniture	0.7	113.4	117.0	3.1
Other manufacturing	0.1	94.2	95.1	1.0
Repair and installation of machinery and equipment	4.1	99.6	99.5	-0.1

Source: Statistics Centre - Abu Dhabi

### 1.3.8 Industrial Production Index during 2017 and 2018

Economic Activities	weight of base year	IPI 2017	IPI 2018	Percentage change
Manufacturing	100.0	128.9	116.2	-9.8
Manufacture of food products	2.9	94.8	71.8	-24.2
Manufacture of beverages	0.8	87.8	76.0	-13.5
Manufacture of textiles	0.3	120.0	96.5	-19.6
Manufacture of wearing apparel	1.2	243.3	42.6	-82.5
Manufacture of leather and related products	0.1	197.2	253.6	28.6
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	0.7	45.4	36.7	-19.2
Manufacture of paper and paper products	0.4	99.8	92.4	-7.4
Printing and reproduction of recorded media	0.3	77.4	70.9	-8.3
Manufacture of coke and refined petroleum products	36.5	162.8	158.3	-2.8
Manufacture of chemicals and chemical products	16.9	123.8	115.2	-6.9
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0.2	211.2	346.9	64.3
Manufacture of rubber and plastics products	1.3	116.1	121.7	4.8
Manufacture of other non-metallic mineral products	11.0	85.2	79.2	-7.1
Manufacture of basic metals	6.3	46.9	41.8	-10.8
Manufacture of fabricated metal products, except machinery and equipment	9.6	90.8	92.7	2.1
Manufacture of computer, electronic and optical products	0.1	99.3	39.9	-59.8
Manufacture of electrical equipment	4.1	123.8	126.2	1.9
Manufacture of machinery and equipment n.e.c.	0.6	1797.3	822.2	-54.3
Manufacture of motor vehicles, trailers and semi-trailers	0.1	49.9	43.4	-13.1
Manufacture of other transport equipment	1.6	63.3	56.6	-10.5
Manufacture of furniture	0.7	83.1	80.4	-3.3
Other manufacturing	0.1	192.2	177.5	-7.6
Repair and installation of machinery and equipment	4.1	0.3	0.1	-58.1

Source: Statistics Centre - Abu Dhabi

### 1.3.9 Price indices for Construction Cost Index groups for 2016-2018

Commodity	weight of base year 2013	CCI 2016	CCI 2017	CCI 2018
General Index	100.0	94.7	96.3	98.5
Construction materials	13.0	87.4	89.7	96.7
Finishing materials	26.0	100.3	105.9	104.2
Electrical works materials	8.0	98.7	102.7	101.7
Mechanical works - plumbing and drainage materials	4.0	101.5	101.5	101.7
Mechanical works - fire fighting	3.0	114.5	114.5	112.2
Mechanical works - A/C	7.0	100.6	105.8	107.9
Equipment	2.0	129.5	134.8	135.7
Manpower	29.5	85.9	82.3	87.4
Services	4.5	86.5	89.2	93.9
Finances and bonds	3.0	100.0	100.0	100.0

Source: Statistics Centre - Abu Dhabi

### 1.3.10 Monthly agriculture producer price Index for the period of 2017-2018

Month	2017	2018
January	103.9	87.2
February	81.7	76.6
March	86.7	63.0
April	91.9	84.4
May	82.6	84.0
June	81.1	88.9
July	94.0	114.9
August	94.9	117.8
September	129.5	117.3
October	137.1	130.6
November	141.4	133.9
December	103.5	121.6

Source: Statistics Centre - Abu Dhabi

1.3.11 Education price index by regions of Abu Dhabi 2018

Group	Abu dhabi region	Alain region	Aldhafra region	Abu dhabi
Education	107.9	109.3	104.8	108.0
Primary and pre-primary education	106.0	110.0	101.1	106.5
high school	108.9	106.3	101.9	107.8
Post-secondary non- tertiary education	112.5	112.5	112.5	112.5
Higher Education	111.1	110.2	109.3	110.8
Education not defined at level	107.1	107.1	107.1	107.1

Source: Statistics Centre - Abu Dhabi



### 1.3.12 Imports unit value index and relative change for the the year of 2018 compared to the year 2017 by the "Harmonized System"

Group	2017	2018	Relative Change %
General Index	108.4	105.6	-2.5
Live animals	95.3	85.1	-10.7
Vegetable products	103.4	78.9	-23.7
Animal or vegetable fats, oil and waxes	114.0	124.3	9.0
Foodstuffs, beverages, spirits and tobacco	116.8	112.6	-3.6
Mineral products	78.4	103.2	31.6
Products of the chemical or allied industries	117.1	124.5	6.4
Plastics, rubber and articles thereof	82.8	86.4	4.3
Articles of leather and animal gut; travel goods	213.3	241.3	13.1
Articles of wood, crook, basket ware and wickerwork	112.2	111.4	-0.7
Pulp of wood, waste, scrap and articles of paper	113.2	116.3	2.7
Textiles and textile articles	141.2	93.0	-34.2
Footwear, umbrellas, articles of feather and hair	199.2	219.2	10.0
Articles of stone, mica, ceramic products and glass	92.1	93.5	1.5
Pearls, stones, precious metals and its articles	147.7	61.4	-58.4
Base metals and articles of base meta	97.5	101.4	4.0
Machinery, sound recorders, reproducers and parts	152.5	152.3	-0.1
Vehicles of transport	114.0	99.9	-12.4
Photographic, medical, musical instruments and parts	106.4	119.5	12.3
Miscellaneous manufactured articles	144.7	186.8	29.1

Source: Statistics Centre - Abu Dhabi

### 1.3.13 Export unit value index and relative change for the the year of 2018 compared to the year 2017 by the "Harmonized System"

Group	2017	2018	Relative Change %
General Index	87.9	87.5	-0.5
Live animals	149.9	237.9	58.7
Vegetable products	111.9	122.4	9.4
Animal or vegetable fats, oil and waxes	95.3	131.3	37.8
Foodstuffs, beverages, spirits and tobacco	100.4	88.0	-12.3
Mineral products	76.3	67.4	-11.7
Products of the chemical or allied industries	105.5	118.6	12.4
Plastics, rubber and articles thereof	85.2	81.4	-4.4
Articles of leather and animal gut; travel goods	49.7	48.0	-3.5
Articles of wood, crook, basket ware and wickerwork	123.9	304.0	145.3
Pulp of wood, waste, scrap and articles of paper	91.8	102.8	12.0
Textiles and textile articles	66.5	94.3	41.7
Footwear, umbrellas, articles of feather and hair	123.2	146.3	18.7
Articles of stone, mica, ceramic products and glass	120.9	186.8	54.5
Pearls, stones, precious metals and its articles	89.5	101.7	13.6
Base metals and articles of base meta	104.4	129.9	24.5
Machinery, sound recorders, reproducers and parts	71.1	84.1	18.2
Vehicles of transport	125.6	56.9	-54.7
Photographic, medical, musical instruments and parts	168.2	148.9	-11.5
Miscellaneous manufactured articles	47.1	94.8	101.4

Source: Statistics Centre - Abu Dhabi

## 1.4 Financial Statistics

Financial intermediation is an important productive activity, which plays a vital role in the development of the Emirate of Abu Dhabi, and acts as the main financing vehicle for other economic activities. This section provides key indicators of the financial intermediation activity including statistics from the banks and financial institutions survey, in addition to the main performance indicators of the Abu Dhabi Securities Market.

Registered banks dominated financial intermediation in Abu Dhabi, although there are a substantial number of non-bank financial institutions, such as holding companies, trusts, and financial leasing institutions. The majority of Abu Dhabi's registered banks are subsidiaries or branches of overseas banks. The number of registered banks on December 31, 2018 totaled 49 banks, of which six are based in Abu Dhabi.

This section shows that the total value of shares traded on the Abu Dhabi Securities Exchange during 2018 amounted to AED 39.6 billion. The market capitalization of shares in the Abu Dhabi stock market in 2018 rose by 16.0% compared with 2017.

### 1.4.1 Key Statistics of the Financial and Insurance Activity

Indicators	2015	2016	2017	2018*
Share in GDP at current prices (%)	8.8	9.6	9.2	8.4
Share in non-oil GDP at current prices (%)	13.6	14.1	13.9	14.0
Gross output (% of GDP at current prices)	10.8	11.5	10.8	9.8
Capital formation (% of GDP at current prices)	0.4	0.5	0.3	0.3
Compensation of employees (Million AED)	13,069	13,629	12,325	13,174

Source: Statistics Centre-Abu Dhabi

\* Preliminary estimates

### 1.4.2 Key Statistics of the Abu Dhabi Securities Market

Indicators	2011	2015	2016	2017	2018
Total listed domestic companies	64	65	65	66	67
Total listed foreign companies	3	3	3	3	3
Market capitalization (Billion AED)	262.0	411.0	444.2	457.3	528.5
Market capitalization (% of GDP at current prices)	30.9	52.8	58.4	56.2	56.8
Value traded (Billion AED)	24.9	60.2	49.0	48.1	39.6
Value traded (% of GDP at current prices)	2.9	7.7	6.4	5.9	4.3
Shares Turnover Ratio (%) (No. of Domestic Traded Shares / No. of Domestic Issued shares)	24.3	32.0	33.7	26.2	14.0
INDEX (Point)	2,402	4,307	4,546	4,398	4,915

Source: Statistics Centre-Abu Dhabi, Abu Dhabi Securities Exchange-ADX

### 1.4.3 Banks Statistics for Abu Dhabi Based Banks, 2018

Indicators	Q1	Q2	Q3	Q4
Net Income for Abu Dhabi based banks (million AED)	7,886	8,735	7,119	8,565
Average compensation of employees per worker for Abu Dhabi based banks (AED)	41,057	43,264	43,014	41,590

Source: Central Bank - UAE

## 1.5 Government Finance

Government Financial Statistics in this section includes percentage distribution of revenues and expenditures of the Abu Dhabi Government. The revenue in 2018 increased by 21.6% compared with 2017. The increase could mainly be attributed to higher petroleum royalties and tax revenues. Current expenditure as a percentage of total public expenditure increased from 85.8% in 2017 to 86.3% in 2018. The sub items of current transfers, goods and services, and salaries and wages contributed 44.8%, 20.1% and 21.4% to total expenditure respectively in 2018. Capital expenditure as a percentage of total public expenditure reached 13.7% in 2018 compared to 14.2% in 2017. Capital transfers, development expenditures on government projects and capital expenditure on goods and services respectively contributed 9.7%, 3.3% and 0.7% of total expenditure in 2018.

### 1.5.1 Percentage Distribution of Government Revenues

(%)

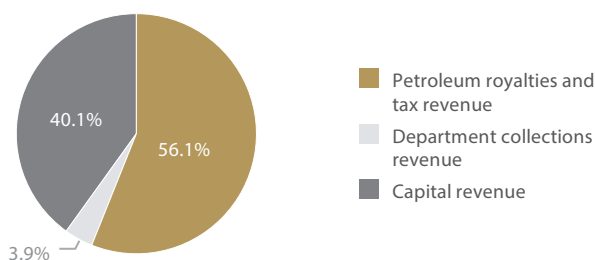
Item	2011	2015	2016	2017	2018
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Petroleum royalties and tax revenue	90.6	61.1	28.8	47.0	56.1
Department collections revenue	6.5	14.4	7.5	6.8	3.9
Capital revenue	2.9	24.4	63.7	46.2	40.1

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

Note: According to the SCAD revision policy a, the capital revenue statistics for the time series 2014 - 2017 were revised according to the source data

**Figure 1.5.1 Percentage Distribution of Government Revenues, 2018**



Source: Statistics Centre-Abu Dhabi

### 1.5.2 Percentage Distribution of Public Expenditures

(%)

Item	2011	2015	2016	2017	2018*
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Current expenditures</b>	<b>66.2</b>	<b>80.8</b>	<b>82.5</b>	<b>85.8</b>	<b>86.3</b>
Salaries and wages	10.8	16.0	18.0	20.9	21.4
Goods and services	11.4	13.0	13.1	19.7	20.1
Current transfers	44.0	51.8	51.4	45.1	44.8
<b>Capital expenditures</b>	<b>33.8</b>	<b>19.2</b>	<b>17.5</b>	<b>14.2</b>	<b>13.7</b>
Development expenditures on government projects	9.7	6.6	6.4	4.3	3.3
Capital expenditures on goods & services	0.7	0.2	0.8	1.0	0.7
Capital transfers	23.4	12.4	10.3	8.9	9.7

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

### 1.5.3 Percentage Distribution of Public Expenditures by Type

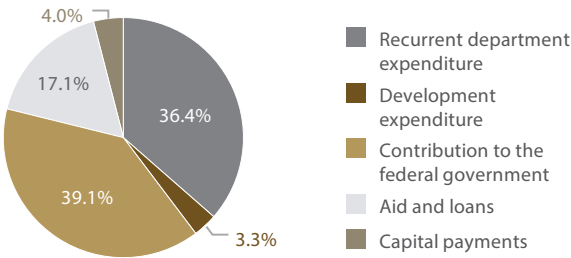
(%)

Item	2011	2015	2016	2017	2018*
<b>Total expenditure</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Recurrent department expenditure	26.8	34.9	32.3	38.3	36.4
Development expenditure	9.7	6.6	6.4	4.3	3.3
Contribution to the federal government	30.9	32.0	35	38.4	39.1
Aid and loans	25.7	23.5	21.7	15.2	17.1
Capital payments	6.9	3.0	4.2	3.9	4.0

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

**Figure 1.5.2 Percentage Distribution of Public Expenditure by Type, 2018**



**Source:** Statistics Centre - Abu Dhabi

## ***1.6. Wages and Compensation***

The compensation of employees indicator provides important information for the national accounts in particular and the economy in general, as it reflects the income obtained by employees in all economic activities in the Emirate of Abu Dhabi.

Compensation of employees at current prices increased from AED 241,062 million in 2017 to AED 250,013 million in 2018. The main economic activities contributing to the growth in 2018 were 'Public administration and defence; compulsory social security', 'Financial and insurance activities' and 'Manufacturing' with increases of 6.4%, 6.9% and 5.2% respectively.



### 1.6.1 Compensation of Employees by Economic Activity at Current Prices

(Million AED)

Economic Activity	2010	2015	2016	2017	2018*
<b>Total</b>	<b>138,576</b>	<b>221,174</b>	<b>226,921</b>	<b>241,062</b>	<b>250,013</b>
Agriculture, forestry and fishing	1,394	2,022	2,056	2,127	2,203
Mining and quarrying (includes crude oil and natural gas)	8,265	18,493	16,996	17,846	18,563
Manufacturing	11,044	19,021	19,002	20,152	21,201
Electricity, gas, and water supply; waste management	2,176	2,370	2,366	2,791	2,820
Construction	23,638	30,325	29,345	29,119	29,296
Wholesale and retail trade; repair of motor vehicles and motorcycles	8,281	13,122	14,158	14,323	14,323
Transportation and storage	6,934	11,915	13,610	13,054	13,254
Accommodation and food services	3,172	5,234	5,440	5,900	6,135
Information and communication	4,740	5,518	4,857	5,316	5,540
Financial and insurance	7,743	13,069	13,629	12,325	13,174
Real estate	1,692	2,307	2,784	3,251	3,222
Professional, scientific and technical	9,449	11,071	10,450	12,233	12,552
Administrative and support services	3,388	6,925	7,409	7,582	7,723
Public administration and defence; compulsory social security	30,662	52,383	55,309	61,358	65,261
Education	6,334	11,156	12,060	13,153	13,657
Human health and social work	6,883	10,320	10,902	13,235	13,296
Arts, recreation and other services	1,210	1,420	1,507	1,724	1,746
Activities of households as employers	1,572	4,502	5,042	5,573	6,047

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

## 1.6.2 Annual Growth Rates of Compensation of Employees by Economic Activity at Current Prices

(%)

Economic Activity	2010	2015	2016	2017	2018*
<b>Total</b>	<b>28.8</b>	<b>5.6</b>	<b>2.6</b>	<b>6.2</b>	<b>3.7</b>
Agriculture, forestry and fishing	-3.0	3.9	1.7	3.4	3.6
Mining and quarrying (includes crude oil and natural gas)	3.4	18.2	-8.1	5.0	4.0
Manufacturing	8.1	8.7	-0.1	6.1	5.2
Electricity, gas, and water supply; waste management	15.9	-1.9	-0.2	18.0	1.0
Construction	46.2	1.9	-3.2	-0.8	0.6
Wholesale and retail trade; repair of motor vehicles and motorcycles	25.4	4.5	7.9	1.2	0.0
Transportation and storage	35.8	8.8	14.2	-4.1	1.5
Accommodation and food services	55.7	5.3	3.9	8.5	4.0
Information and communication	13.3	6.9	-12.0	9.4	4.2
Financial and insurance	40.1	8.8	4.3	-9.6	6.9
Real estate	-13.9	7.0	20.6	16.8	-0.9
Professional, scientific and technical	58.5	4.9	-5.6	17.1	2.6
Administrative and support services	-10.0	5.1	7.0	2.3	1.9
Public administration and defence; compulsory social security	49.1	1.5	5.6	10.9	6.4
Education	4.8	3.3	8.1	9.1	3.8
Human health and social work	22.1	10.1	5.6	21.4	0.5
Arts, recreation and other services	17.2	-1.8	6.1	14.4	1.3
Activities of households as employers	4.6	11.1	12.0	10.5	8.5

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

### 1.6.3 Compensation of Employees by Economic Activity as a Percentage of the GDP at Current Prices

(%)

Economic Activity	2010	2015	2016	2017	2018*
<b>Total</b>	<b>21.7</b>	<b>28.4</b>	<b>29.8</b>	<b>29.6</b>	<b>26.9</b>
Agriculture, forestry and fishing	0.2	0.3	0.3	0.3	0.2
Mining and quarrying (includes crude oil and natural gas)	1.3	2.4	2.2	2.2	2.0
Manufacturing	1.7	2.4	2.5	2.5	2.3
Electricity, gas, and water supply; waste management	0.3	0.3	0.3	0.3	0.3
Construction	3.7	3.9	3.9	3.6	3.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	1.3	1.7	1.9	1.8	1.5
Transportation and storage	1.1	1.5	1.8	1.6	1.4
Accommodation and food services	0.5	0.7	0.7	0.7	0.7
Information and communication	0.7	0.7	0.6	0.7	0.6
Financial and insurance	1.2	1.7	1.8	1.5	1.4
Real estate	0.3	0.3	0.4	0.4	0.3
Professional, scientific and technical	1.5	1.4	1.4	1.5	1.3
Administrative and support services	0.5	0.9	1.0	0.9	0.8
Public administration and defence; compulsory social security	4.8	6.7	7.3	7.5	7.0
Education	1.0	1.4	1.6	1.6	1.5
Human health and social work	1.1	1.3	1.4	1.6	1.4
Arts, recreation and other services	0.2	0.2	0.2	0.2	0.2
Activities of households as employers	0.2	0.6	0.7	0.7	0.6

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

## **1.7. Foreign Investment**

The Abu Dhabi Government has made vast strides in establishing favorable economic conditions and enhancing investor confidence. A transparent tax structure with a supporting judicial system, investment-encouraging business legislation and industrial zones all serve to enhance international investor perception about business opportunities in the Emirate. The total value of Foreign Direct Investment (FDI) at the end of 2016 was AED 100,887 million, up from AED 88,095 million at the end of 2015. This increase could mainly be attributed to 'Real estate' which attracted FDI worth AED 27,954 in 2016, compared with AED 23,793 million in 2015. 'Manufacturing industries' accounted for 18.0% of FDI stock in 2016 compared with 19.5% in 2015. 'Mining and quarrying' (including crude oil and natural gas) amounted to FDI AED 17,414 million with 17.3% contribution to FDI stock at the end of 2016, compared with AED 8,354 million at 9.5% contribution at the end of 2015.

FDI from the GCC region amounted to AED 2,866 million or 2.8% of total FDI in 2016 compared with AED 3,213 million or 3.6% in 2015. Investments from other Arab countries totaled AED 6,414 and AED 8,034 million of FDI for the years 2015 and 2016, respectively. FDI from European countries increased from AED 34,178 million in 2015 to AED 42,456 million in 2016.

Total portfolio investments in the Emirate of Abu Dhabi consisting of equity securities and debt securities amounted to AED 131,354 million in 2016. Other investments amounted to AED 227,290 million in 2016, compared with AED 177,111 million in 2015.

### 1.7.1 Total stock of Foreign Investment by Economic Activity

(Million AED)

Economic Activity	2013	2014	2015	2016
<b>Total</b>	<b>264,123</b>	<b>298,758</b>	<b>353,101</b>	<b>459,531</b>
Mining and quarrying (includes crude oil and natural gas)	9,046	8,342	8,921	18,217
Manufacturing	25,086	15,865	17,662	18,566
Electricity, gas, and water supply; waste management	17,961	18,792	24,115	23,752
Construction	6,390	8,247	7,246	8,200
Wholesale and retail trade; repair of motor vehicles and motorcycles**	459	366	665	10,374
Transportation and storage**	4,158	4,056	4,947	1,300
Accommodation and food services	14	18	24	30
Information and communication	7,139	31,306	31,287	33,362
Financial and insurance	159,900	179,727	225,774	291,541
Real estate*	31,157	27,398	27,632	36,673
Professional, scientific and technical	1,938	3,177	3,409	4,566
Administrative and support services**	355	887	917	84
Education	461	480	409	472
Human health and social work	11	12	8	-7
Arts, recreation and other services**	48	85	86	-2
Public administration and defence; compulsory social security	0	0	0	12,403

Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding

\* Includes real estate sales to non-residents

\*\* In 2016 The change in some activities is due to the transfer of some establishments between ISIC 4 classifications

## 1.7.2 Total stock of Foreign Direct Investment by Economic Activity

(Million AED)

Economic Activity	2013	2014	2015	2016
<b>Total</b>	<b>71,931</b>	<b>81,112</b>	<b>88,095</b>	<b>100,887</b>
Mining and quarrying (includes crude oil and natural gas)	7,267	7,045	8,354	17,414
Manufacturing	13,043	15,502	17,204	18,113
Electricity, gas, and water supply; waste management	6,904	8,279	10,190	9,929
Construction	5,891	7,281	6,379	8,010
Wholesale and retail trade; repair of motor vehicles and motorcycles**	293	295	559	2,362
Transportation and storage**	1,992	1,850	3,523	1,246
Accommodation and food services	14	18	24	30
Information and communication	145	151	139	491
Financial and insurance	10,137	12,731	13,338	10,497
Real estate*	23,599	23,513	23,793	27,954
Professional, scientific and technical	1,782	3,015	3,198	4,327
Administrative and support services**	355	875	908	63
Education	452	460	393	459
Human health and social work	11	12	8	-7
Arts, recreation and other services**	46	85	86	-2

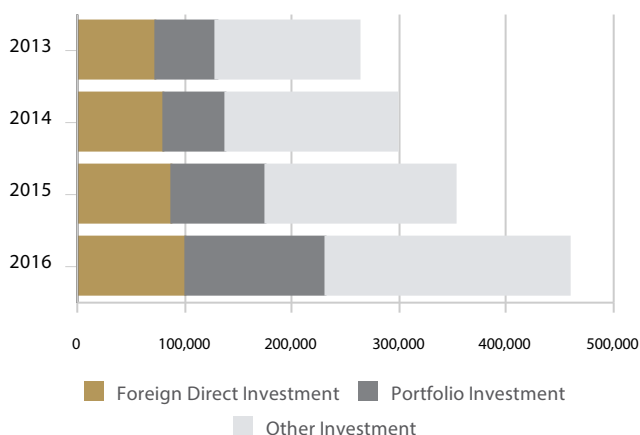
Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding

\* Includes real estate sales to non-residents

\*\* In 2016 The change in some activities is due to the transfer of some establishments between ISIC 4 classifications

**Figure 1.7.1 Total stock of Foreign Investment (Million AED)**



Source: Statistics Centre - Abu Dhabi

### 1.7.3 Total stock of Foreign Direct Investment by Economic Activity as a Percentage of the GDP at Current Prices

(%)

Economic Activity	2013	2014	2015	2016
<b>Total</b>	<b>7.7</b>	<b>8.4</b>	<b>11.3</b>	<b>13.3</b>
Mining and quarrying (includes crude oil and natural gas)	0.8	0.7	1.1	2.3
Manufacturing	1.4	1.6	2.2	2.4
Electricity, gas, and water supply; waste management	0.7	0.9	1.3	1.3
Construction	0.6	0.8	0.8	1.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.0	0.0	0.1	0.3
Transportation and storage	0.2	0.2	0.5	0.2
Financial and insurance	1.1	1.3	1.7	1.4
Real estate*	2.5	2.4	3.1	3.7
Professional, scientific and technical	0.2	0.3	0.4	0.6
Administrative and support services	0.0	0.1	0.1	0.0
Education	0.0	0.0	0.1	0.1

Source: Statistics Centre - Abu Dhabi

\* Includes real estate sales to non-residents

Note: Figures may not sum to totals due to rounding

### 1.7.4 Percentage Distribution of Foreign Direct Investment by Economic Activity

(%)

Economic Activity	2013	2014	2015	2016
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Mining and quarrying (includes crude oil and natural gas)	10.1	8.7	9.5	17.3
Manufacturing	18.1	19.1	19.5	18.0
Electricity, gas, and water supply; waste management	9.6	10.2	11.6	9.8
Construction	8.2	9.0	7.2	7.9
Wholesale and retail trade; repair of motor vehicles and motorcycles**	0.4	0.4	0.6	2.3
Transportation and storage**	2.8	2.3	4.0	1.2
Information and communication	0.2	0.2	0.2	0.5
Financial and insurance	14.1	15.7	15.1	10.4
Real estate*	32.8	29.0	27.0	27.7
Professional, scientific and technical	2.5	3.7	3.6	4.3
Administrative and support services**	0.5	1.1	1.0	0.1
Education	0.6	0.6	0.4	0.5
Human health and social work	0.0	0.0	0.0	0.0
Arts, recreation and other services**	0.1	0.1	0.1	0.0

Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding

\* Includes real estate sales to non-residents

\*\* In 2016 The change in some activities is due to the transfer of some establishments between ISIC 4 classifications



### 1.7.5 Total stock of Foreign Direct Investment by Top Ten Countries

(Million AED)

Countries	2015		2016	
	Value	%	Value	%
<b>Total</b>	<b>88,095</b>	<b>100</b>	<b>100,887</b>	<b>100</b>
United Kingdom	5,740	6.5	15,154	15.0
Austria	13,005	14.8	14,355	14.2
France	7,002	7.9	7,752	7.7
Japan	3,291	3.7	6,100	6.0
South Korea	4,199	4.8	3,974	3.9
Libya	2,622	3.0	3,334	3.3
Cayman Islands	1,818	2.1	2,746	2.7
Netherlands	3,644	4.1	2,020	2.0
Jordan	1,916	2.2	2,001	2.0
United States	3,297	3.7	1,744	1.7
Other*	41,561	47.2	41,707	41.3

Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding

\* Includes real estate sales to non-residents

### 1.7.6 Total stock of Foreign Direct Investment by Region

(Million AED)

Region	2013	2014	2015	2016
<b>Total</b>	<b>71,931</b>	<b>81,112</b>	<b>88,095</b>	<b>100,887</b>
GCC countries	1,614	2,820	3,213	2,866
Other Arab countries	6,637	6,643	6,414	8,034
Other Asian countries	6,342	8,014	11,039	12,582
Other African countries	183	0	0	8
European countries	26,689	33,041	34,178	42,456
North America	5,641	5,912	8,210	6,716
Latin America	87	67	24	52
Other regions*	24,739	24,614	25,017	28,174

Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding

\* Includes real estate sales to non-residents

The change in the share of some countries in 2016 is includes movement of ownership between countries

### 1.7.7 Percentage Distribution of Foreign Direct Investment by Region

(%)

Region	2013	2014	2015	2016
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
GCC countries	2.2	3.5	3.6	2.8
Other Arab countries	9.2	8.2	7.3	8.0
Other Asian countries	8.8	9.9	12.5	12.5
Other African countries	0.3	0.0	0.0	0.0
European countries	37.1	40.7	38.8	42.1
North America	7.8	7.3	9.3	6.7
Latin America	0.1	0.1	0.0	0.1
Other regions*	34.4	30.3	28.4	27.9

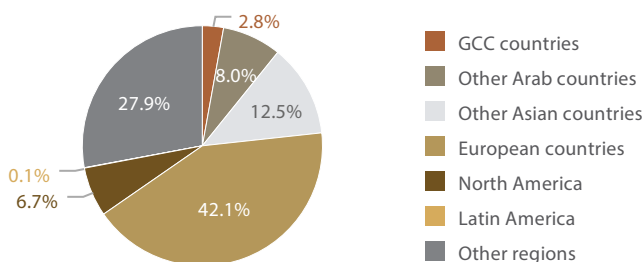
Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding

\* Includes real estate sales to non-residents

The change in the share of some countries in 2016 is includes movement of ownership between countries

**Figure 1.7.2 Percentage Distribution of Foreign Direct Investment by Region, 2016**



Source: Statistics Centre - Abu Dhabi

### 1.7.8 Total stock of Other Investment by Economic Activity

(Million AED)

Economic Activity	2013	2014	2015	2016
<b>Total</b>	<b>135,066</b>	<b>160,364</b>	<b>177,111</b>	<b>227,290</b>
Mining and quarrying (includes crude oil and natural gas)	1,779	1,297	488	622
Manufacturing	12,043	364	458	240
Electricity, gas, and water supply; waste management	10,916	10,512	13,642	8,393
Construction	498	966	867	188
Wholesale and retail trade; repair of motor vehicles and motorcycles*	166	71	106	1,975
Transportation and storage*	2,166	2,206	1,424	53
Information and communication	6,994	31,154	31,148	30,070
Financial and insurance	100,107	113,591	128,734	185,455
Real estate	230	7	8	22
Professional, scientific and technical	156	162	211	239
Administrative and support services*	9	12	9	21
Education	2	20	16	13

Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding

\* In 2016 The change in some activities is due to the transfer of some establishments between ISIC 4 classifications

### 1.7.9 Percentage Distribution of Other Investment by Economic Activity

(%)

Economic Activity	2013	2014	2015	2016
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Mining and quarrying (includes crude oil and natural gas)	1.3	0.8	0.3	0.3
Manufacturing	8.9	0.2	0.3	0.1
Electricity, gas, and water supply; waste management	8.1	6.6	7.7	3.7
Construction	0.4	0.6	0.5	0.1
Wholesale and retail trade; repair of motor vehicles and motorcycles*	0.1	0.0	0.1	0.9
Transportation and storage*	1.6	1.4	0.8	0.0
Information and communication	5.2	19.4	17.6	13.2
Financial and insurance	74.1	70.8	72.7	81.6
Real estate	0.2	0.0	0.0	0.0
Professional, scientific and technical	0.1	0.1	0.1	0.1

Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding

\* In 2016 The change in some activities is due to the transfer of some establishments between ISIC 4 classifications

### 1.7.10 Total stock of Portfolio Investment by Economic Activity


(Million AED)

Economic Activity	2013	2014	2015	2016
<b>Total</b>	<b>57,125</b>	<b>57,283</b>	<b>87,895</b>	<b>131,354</b>
Mining and quarrying (includes crude oil and natural gas)	0	0	79	181
Manufacturing	0	0	0	213
Electricity, gas, and water supply; waste management	0	0	283	5,430
Construction	140	0	0	2
Wholesale and retail trade; repair of motor vehicles and motorcycles	0	0	0	6,037
Information and communication	0	0	0	2,801
Financial and insurance	49,657	53,405	83,702	95,590
Real estate	7,328	3,878	3,831	8,697
Public administration and defence; compulsory social security	0	0	0	12,403

Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding



The background of the slide features a composite image. In the upper half, there is a close-up, slightly blurred portrait of a man with a beard and mustache, looking directly at the camera. The lower half of the image is dominated by large, interlocking mechanical gears, rendered in a monochromatic, sepia-toned style. The overall aesthetic is industrial and professional.

## 2. Industry and Business

- Business Environment
- Manufacturing
- Oil and Gas
- Petrochemicals
- Electricity
- Construction
- Transportation
- ICT
- Hotels

## 2. Industry and Business

The key indicators in the Industry and Business chapter provide statistical data on all economic activities of the Emirate of Abu Dhabi and reflect the growing economy of the Emirate. The 'Mining and quarrying' activity is particularly important. Manufacturing activity accounted for 6.7% based on preliminary estimates of the GDP in 2018.

In the "Tourism" activity, the total number of hotel establishments was 168 in 2018. Over the same period, the number of guests increased by 3.8 %, the number of rooms by 6.8 % and the occupancy rate was 71.8%, while the average length of stay reached 2.6 nights.

In the "Transport" activity, the number of passengers travelling through the Emirate's airports totaled 21.4 million during 2018 compared with 23.6 million during 2017.

In the "Information and communication" activity, the number of fixed telephone subscriptions was 16 per 100 inhabitants, and the fixed broadband subscribers was 13 per 100 inhabitants in 2018.

2018

Total Number of Business Licenses (New & renewed)	90,473
Production of Petrochemicals Products (Metric Tons)	6,800,585
Domestic Sales of Petrochemical Products (Metric Tons)	274,522
Number of Passengers Using the Emirate's Airports (Million)	21.4
Fixed Telephone Subscribers Per 100 Inhabitants	16
Fixed broadband subscribers per 100 Inhabitants	13
Number of Hotel Establishments	168
Number of Hotel Establishments Guests (Thousand)	5,030

## 2.1. Business Environment

Abu Dhabi Government adopted a long-term plan to facilitate the transformation of the Emirate's economy with the objective of creating an ideal business environment, reducing the reliance on the oil sector and establishing a greater focus on a knowledge-based economy in the future. The Emirate of Abu Dhabi has made significant progress in this regard and the Emirate's economic development and achievements can largely be attributed to the presence of such an environment.

There are several underlying factors contributing to the Emirate's attractive business environment, including the policies followed in the Emirate of Abu Dhabi for the implementation of Abu Dhabi Vision 2030, strategic geographic location, highly developed infrastructure, miscellaneous facilities offered by the Emirate's industrial zones, very low taxation and easy access to energy sources and efficient credit facilities.

The Abu Dhabi Government has a strong commitment to establish and grow local entrepreneurship while at the same time establishing an economy, which is well integrated with the global economy

A total of 11,249 new business licenses were registered in 2018, while 3,867 licenses were cancelled during the same year.

### 2.1.1 General Indicators of the Business Environment

Indicators	2015	2016	2017	2018
Number of registered new business licenses	9,228	8,963	9,417	11,249
Number of renewed business licenses	75,392	77,709	82,325	79,224
Number of canceled business licenses	7,313	2,114	2,596	3,867

Source: Department of Economic Development

### 2.1.2 Key Statistics of Wholesales and Retail Trade and Repairing Services

Indicators	2015	2016	2017	2018*
Share in GDP (%)	5.3	6.3	5.8	5.0
Share in non-oil GDP (%)	8.1	9.2	8.8	8.3
Gross Output (% of GDP)	7.5	8.5	8.0	7.0
Capital Formation (% of GDP)	0.4	0.5	0.4	0.4
Compensation of Employees (Million AED)	13,122	14,158	14,323	14,323

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates



## 2.2. Manufacturing

Manufacturing is one of the strategically important economic activities in the Emirate of Abu Dhabi. The long-term economic development plan places focus on the manufacturing sector to contribute significantly to the development of the non-oil economy and ensure more stable economic growth in the Emirate.

The Manufacturing activity accounted for 6.7% based on preliminary estimates of the GDP in 2018 and 11.2% based on preliminary estimates of the non- oil GDP in 2018.

### 2.2.1 Key Statistics of the Manufacturing Activity

Indicators	2015	2016	2017	2018*
Share in GDP at current prices (%)	6.5	6.6	6.7	6.7
Share in non-oil GDP at current prices (%)	10.0	9.6	10.2	11.2
Gross output (% of GDP at current prices)	22.0	22.6	22.3	21.8
Capital formation (% of GDP at current prices)	1.7	1.5	1.7	1.6
Compensation of employees (Million AED)	19,021	19,002	20,152	21,201

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

## 2.2.2 Gross Output and Value Added of the Manufacturing Activity

(Million AED)

Type of Manufacturing Activity	2016		2017	
	Gross Output	Value Added	Gross Output	Value Added
<b>Total</b>	<b>171,908</b>	<b>51,938</b>	<b>181,650</b>	<b>56,717</b>
Food, beverages and tobacco	9,860	3,716	9,605	3,543
Textiles, garments and leather products	2,262	1,091	2,403	1,178
Wood and wood products	658	245	713	265
Paper, printing, publishing and reproduction media	885	490	909	503
Chemicals and plastics and related products	89,009	21,168	88,387	22,224
Non-metallic mineral products (except oil)	11,406	3,543	13,016	4,118
Manufacture of basic metal	22,562	6,459	27,822	7,774
Structural metal products except machinery and equipment	10,047	3,839	10,729	4,165
Machinery, equipment and devices	8,591	3,146	8,381	3,061
Furniture	932	405	982	428
Repair and installation of machinery, equipment and other manufacturing	15,697	7,837	18,702	9,458

Source: Statistics Centre - Abu Dhabi

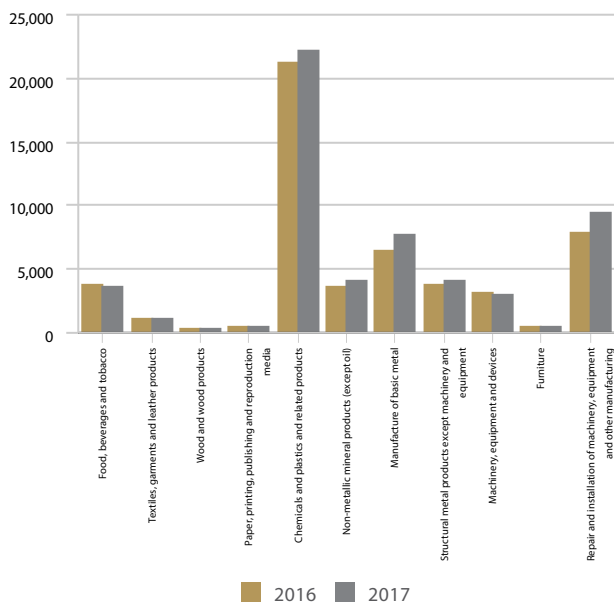
## 2.2.3 Gross Fixed Capital Formation of the Manufacturing Activity

(Million AED)

Type of Manufacturing Activity	2016	2017
<b>Total</b>	<b>11,611</b>	<b>13,874</b>
Food, beverages and tobacco	618	636
Textiles, garments and leather products	48	52
Wood and wood products	19	20
Paper, printing, publishing and reproduction media	81	83
Chemicals and plastics and related products	6,441	8,527
Non-metallic mineral products (except oil)	701	728
Manufacture of basic metal	1,152	1,245
Structural metal products except machinery and equipment	593	616
Machinery, equipment and devices	207	183
Furniture	16	17
Repair and installation of machinery, equipment and other manufacturing	1,736	1,769

Source: Statistics Centre - Abu Dhabi

**Figure 2.2.1 Value Added of the Manufacturing Activity**



Source: Statistics Centre - Abu Dhabi

### 2.2.4 Key Statistics of the Basic Metal of Manufacturing Activity

Indicators	2015	2016	2017	2018*
Share in GDP at current prices (%)	0.9	0.8	0.9	0.9
Share in non-oil GDP at current prices (%)	1.4	1.2	1.4	1.5
Gross output (% of GDP at current prices)	3.0	3.0	3.4	3.4
Capital formation (% of GDP at current prices)	0.1	0.2	0.2	0.1
Compensation of employees (Million AED)	1,860	1,837	1,918	2,054
Imports (% of total imports)	16.5	18.2	18.8	19.7
Exports (% of total non-oil exports)**	39.0	44.8	47.6	49.4

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

\*\* The 2015-2018 data has been updated according to the source's updated data collection methodology

## 2.3. Oil and Gas

### 2.3.1 Key Statistics of Oil and Gas Activity

Indicators	2015	2016	2017	2018*
Share in GDP at current prices (%)	34.4	30.9	33.2	39.6
Gross output (% of GDP at current prices)	37.1	33.4	38.6	44.8
Capital formation (% of GDP at current prices)	5.2	7.6	3.8	3.6
Compensation of employees (Million AED)	15,530	14,220	14,327	14,890

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

## 2.4. Petrochemicals

The Emirate of Abu Dhabi with its large reserves of natural gas and associated liquids is well positioned to increase its participation in the global chemicals industry. The petrochemicals industry in Abu Dhabi continuously expands its well established production, marketing and export activities and is witnessing significant development as one of the sectors that has been targeted as a priority for diversifying future economic development in the Emirate.

The growth in the sector is supported by the fact that many of the basic materials needed for producing petrochemical products are available within the Emirate. The most important petrochemical products in the Emirate include ammonia, urea fertilizers, polyethylene and polypropylene.

Production of Petrochemicals Products increased from 6.2 million metric tons in 2017 to 6.8 million metric tons in 2018, an increase of 8.9%. The value of exports of petrochemicals products totaled 5.1 million metric tons in 2018.

### 2.4.1 Production and Exports of Petrochemicals Products

(Metric Tons)

Type of Products	2017		2018	
	Production	Exports	Production	Exports
<b>Total</b>	<b>6,246,038</b>	<b>4,686,689</b>	<b>6,800,585</b>	<b>5,074,808</b>
Ammonia	1,090,180	12,000	1,236,658	14,499
Urea fertilizer	1,881,891	1,893,396	2,129,180	2,122,978
Polyethylene	2,377,147	2,015,898	2,472,642	2,132,172
Polypropylene	896,820	765,395	962,105	805,159

Source: Abu Dhabi National Oil Company - ADNOC

### 2.4.2 Domestic Sales of Petrochemical Products

(Metric Tons)

Type of Products	2014	2015	2016	2017	2018
<b>Total</b>	<b>296,555</b>	<b>464,245</b>	<b>495,865</b>	<b>467,678</b>	<b>274,522</b>
Urea fertilizer	25,466	31,065	31,565	37,465	40,975
Polyethylene	163,946	268,212	293,799	306,639	159,621
Polypropylene	107,143	164,967	170,500	123,574	73,926

Source: Abu Dhabi National Oil Company - ADNOC

## 2.5. Electricity

### 2.5.1. Key Statistics of Electricity Activities

Indicators	2015	2016	2017	2018*
Share in GDP at current prices (%)	3.8	4.0	4.3	3.8
Share in non-oil GDP at current prices (%)	5.8	5.8	6.5	6.3
Gross output (% of GDP at current prices)	5.4	5.6	6.0	5.3
Capital formation (% of GDP at current prices)	1.3	0.7	0.7	0.7
Compensation of employees (Million AED)	2,155	2,140	2,556	2,576

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

## 2.6. Construction

Several focus sectors have been identified by the Abu Dhabi government for their potential to provide long-term, sustainable growth and diversification of the Emirate of Abu Dhabi's economy over the next two decades and beyond.

New infrastructure such as hotels and resorts are required for development of the tourism industry in the Emirate of Abu Dhabi and construction as one of the enabler industries will contribute to the development and support of the targeted future growth sectors.

Construction activity contributed 9.2% based on preliminary estimates of the GDP in 2018.

### 2.6.1 Key Statistics of the Construction Activity

Indicators	2015	2016	2017	2018*
Share in GDP at current prices (%)	11.4	11.2	10.4	9.2
Share in non-oil GDP at current prices (%)	17.6	16.4	15.8	15.5
Gross output (% of GDP at current prices)	25.0	24.6	22.9	20.3
Capital formation (% of GDP at current prices)	0.58	0.50	0.46	0.41
Compensation of employees (Million AED)	30,325	29,345	29,119	29,296

Source: Statistics Centre - Abu Dhabi  
\* Preliminary estimates



## 2.7. Transportation

The Abu Dhabi Government attaches increasing attention to the transportation activity as it is considered one of the catalyst activities of economic development in the Emirate. New transport means are created to keep pace with economic and urban development taking place in the Emirate. The existing infrastructure is continuously upgraded to enhance connections between the Emirate's geographical regions and with global markets. Ongoing investment in the Emirate's transport infrastructure contributed to the transport activity maintaining a significant share in Gross Domestic Product. The total aircraft movements in 2018 were about 160 thousand flights compared with 184 thousand flights in 2017. The number of passengers equaled 21.4 million in 2018.

### 2.7.1 Key Statistics of Transportation and Storage

Indicators	2015	2016	2017	2018*
Share in GDP at current prices (%)	4.8	3.6	3.2	2.9
Share in non-oil GDP at current prices (%)	7.3	5.3	4.8	4.8
Gross output (% of GDP at current prices)	8.8	7.7	6.4	5.7
Capital formation (% of GDP at current prices)	3.2	2.2	2.2	1.9
Compensation of employees (Million AED)	11,915	13,610	13,054	13,254

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

### 2.7.2 Fuel prices at service stations

Indicator	2015	2016	2017	2018
Pump price for diesel fuel (AED per litre)	2.16	1.68	1.99	2.59
Pump price for gasoline (AED per litre)*	1.68	1.56	1.81	2.26

Source: Statistics Centre - Abu Dhabi

\* Pump price of gasoline E-Plus

### 2.7.3 External Road Details, 2017

(length in km)

Length	Region			
	Abu Dhabi	Al Ain	Al Dhafra	Total
1Lanex2	603	1,026	222	1,851
2Lanesx2	770	1,315	2,771	4,856
3Lanesx2	531	895	480	1,906
4Lanesx2	1,897	391	0	2,288
5Lanesx2	457	0	0	457

Source: Department of Transport

Note: The length of the road is multiplied by the number of lanes

### 2.7.4 External Road Details, 2018

(length in km)

Length	Region			
	Abu Dhabi	Al Ain	Al Dhafra	Total
1Lanex2	603	1,026	222	1,851
2Lanesx2	550	1,315	1,755	3,620
3Lanesx2	531	895	664	2,090
4Lanesx2	2,388	391	1,794	4,573
5Lanesx2	457	-	-	457

Source: Department of Transport

Note: The length of the road is multiplied by the number of lanes

### 2.7.5 Length of Internal Roads

(length in km)

Region	2015	2016	2017	2018
<b>Total</b>	<b>16,880</b>	<b>17,842</b>	<b>17,904</b>	<b>17,991</b>
Abu Dhabi Region	13,528	14,497	14,552	14,639
Al Ain Region	2,115	2,115	2,115	2,115
Al Dhafra Region	1,237	1,230	1,237	1,237

Source: Department of Urban Planning and Municipalities , Abu Dhabi city Municipality - Al Ain city -Al Dhafra Region

\* Preliminary estimates

Note: The length of the road is multiplied by the number of lanes

## 2.7.6 Aircraft Movement by Airport and Month

Airport / Month	2015	2016	2017	2018
<b>Abu Dhabi international airport*</b>	<b>169,989</b>	<b>168,535</b>	<b>154,543</b>	<b>133,999</b>
January	14,117	14,233	14,190	12,085
February	12,807	13,092	12,754	10,634
March	14,414	14,117	13,959	11,733
April	13,982	13,718	13,249	11,205
May	14,447	14,137	13,238	11,365
June	14,117	13,538	12,272	11,058
July	14,689	14,478	12,871	11,821
August	14,964	14,681	13,091	11,618
September	14,130	14,201	12,364	10,926
October	14,304	14,402	12,247	10,522
November	13,753	13,853	12,063	10,224
December	14,265	14,085	12,245	10,808
<b>Al Ain international airport</b>	<b>24,579</b>	<b>25,749</b>	<b>29,797</b>	<b>26,082</b>
January	1,534	2,069	2,059	2,640
February	2,019	2,082	2,465	2,574
March	2,376	1,634	2,865	3,226
April	2,749	2,640	3,282	2,015
May	2,884	2,086	2,627	2,165
June	2,420	2,291	2,047	1,713
July	2,038	1,982	2,300	1,254
August	2,118	2,391	2,731	1,398
September	1,656	2,550	2,464	2,049
October	1,435	2,193	2,439	1,988
November	1,575	1,728	2,451	2,810
December	1,775	2,103	2,067	2,250

Source: Abu Dhabi Airports Company

\* Abu Dhabi International Airport figures include Al Bateen executive Airport

## 2.7.7 Air Transport by Airport, Passengers and Freights

Item	2015	2016	2017	2018
<b>Abu Dhabi international airport*</b>				
Aircraft Movement	169,989	168,535	154,543	133,999
<b>Passengers:</b>				
Arrival	11,564,563	12,139,014	11,678,045	10,633,563
Departure	11,558,557	12,213,371	11,717,679	10,685,185
Transit	163,512	129,734	25,869	498
<b>Freights (tons):</b>				
In	458,565	445,860	408,574	326,255
Out	368,898	354,007	325,716	260,601
<b>Mail (tons):</b>				
In	3,975	5,433	6,973	6,112
Out	6,113	7,847	7,651	6,564
<b>Al Ain international airport</b>				
Aircraft Movement	24,579	25,749	29,797	26,082
<b>Passengers:</b>				
Arrival	25,992	34,579	62,341	44,997
Departure	23,746	30,640	51,709	44,024
Transit	11,443	31,460	22,469	3,534
<b>Freights (tons):</b>				
In	217	156	445	208
Out	868	440	732	454
<b>Mail (tons):</b>				
In	0	0	0	0
Out	0	0	0	0

Source: Abu Dhabi Airports Company

\* Abu Dhabi International Airport figures include Al Bateen Executive Airport

## 2.7.8 Air Cargo Discharged by Region

(Tons)

Region	2015	2016	2017	2018
<b>Total</b>	<b>458,565</b>	<b>445,859</b>	<b>408,574</b>	<b>326,255</b>
GCC countries	9,787	8,848	8,588	8,935
Other Arab countries	12,453	14,902	13,495	8,212
Asia (except Arab)	230,672	221,265	187,804	158,269
Europe	152,066	145,484	139,166	114,620
North America	20,102	16,511	17,416	13,082
South America	3,487	3,528	944	107
Africa (except Arab)	16,611	15,965	19,782	6,003
Australia	13,387	19,356	21,379	17,026
Others	0	0	0	0

Source: Abu Dhabi Airports Company

Note: Data Abu Dhabi international airport only / Data exclude passengers baggage , diplomatic cargo and aircraft store

## 2.7.9 Air Cargo Loaded by Region of Destination

(Tons)

Region	2015	2016	2017	2018
<b>Total</b>	<b>368,898</b>	<b>354,008</b>	<b>325,716</b>	<b>260,601</b>
GCC countries	43,114	40,565	32,200	25,524
Other Arab countries	14,096	17,191	15,033	11,601
Asia (except Arab)	116,876	115,902	108,416	89,140
Europe	137,790	131,218	125,342	105,207
North America	15,329	14,000	15,461	8,116
South America	1,797	1,801	177	282
Africa (except Arab)	28,043	21,541	16,183	7,937
Australia	11,853	11,790	12,904	12,793
Others	0	0	0	0

Source: Abu Dhabi Airports Company

Note: Data Abu Dhabi international airport only / Data exclude passengers baggage , diplomatic cargo and aircraft store

## 2.7.10 Air Passengers Arrivals by Region of Embarkation

Region	2015	2016	2017	2018
<b>Total</b>	<b>11,564,563</b>	<b>12,139,014</b>	<b>11,678,045</b>	<b>10,633,563</b>
GCC countries	1,753,222	1,805,190	1,529,150	1,529,342
Other Arab countries	686,811	707,983	705,680	549,675
Asia (except Arab)	4,839,961	5,114,609	4,995,176	4,480,589
Europe	2,825,223	2,852,072	2,851,746	2,693,737
North America	537,486	635,293	652,836	515,467
South America	72,579	89,781	25,012	0
Africa (except Arab)	313,222	318,721	281,123	247,633
Australia	532,518	610,998	632,415	612,659
Others	3,541	4,367	4,907	4,461

Source: Abu Dhabi Airports Company

Note: Data Abu Dhabi international airport only / Data exclude transit passengers who continued their journey on the same flight

### 2.7.11 Air Passengers Departures by Region of Disembarkation

Region	2015	2016	2017	2018
<b>Total</b>	<b>11,558,557</b>	<b>12,213,371</b>	<b>11,717,679</b>	<b>10,685,185</b>
GCC countries	1,839,812	1,909,195	1,543,583	1,428,784
Other Arab countries	675,768	708,865	711,669	555,373
Asia (except Arab)	4,628,598	4,956,530	4,927,300	4,492,522
Europe	2,917,315	2,947,608	2,934,192	2,833,688
North America	598,668	691,663	669,497	571,308
South America	76,815	90,026	24,573	0
Africa (Except Arab)	289,595	301,343	265,693	218,709
Australia	528,297	603,853	636,026	581,014
Others	3,689	4,288	5,146	3787

Source: Abu Dhabi Airports Company

Note: Data Abu Dhabi international airport only / Data exclude transit passengers who continued their journey on the same flight

## 2.7.12 Main Indicators for Goods Vessels Movement

Item	2015	2016	2017	2018
<b>Number of vessels</b>	<b>41,645</b>	<b>40,548</b>	<b>36,299</b>	<b>31,990</b>
<b>Container TEUs*</b>				
<b>Total TEUs</b>	<b>1,504,293</b>	<b>1,531,384</b>	<b>1,400,436</b>	<b>1,737,133</b>
Discharged	751,745	761,780	689,260	874,214
Loaded	752,548	769,604	711,176	862,919
<b>General cargo (metric tons)</b>				
<b>Total cargo</b>	<b>15,292,840</b>	<b>17,825,624</b>	<b>18,568,887</b>	<b>19,698,261</b>
Discharged	14,339,966	16,731,767	17,632,183	18,085,002
Loaded	952,874	1,093,857	936,704	1,613,259
<b>Vehicle unit</b>				
<b>Total units</b>	<b>134,272</b>	<b>119,758</b>	<b>135,247</b>	<b>143,074</b>
Discharged	120,551	105,147	121,490	127,994
Loaded	13,721	14,611	13,757	15,080

Source: Abu Dhabi Port Company

\* Twenty- foot Equivalent Unit (TEU)

## 2.7.13 Distribution of Container TEUs Incoming and Outgoing by Region

Region	2017		2018	
	Incoming	Outgoing	Incoming	Outgoing
<b>Total</b>	<b>689,260</b>	<b>711,176</b>	<b>874,177</b>	<b>862,919</b>
United Arab Emirates*	444,113	346,061	514,619	383,702
Other GCC Countries	101,935	28,855	115,812	64,696
Total Middle East (Non- GCC)	30,242	11,048	27,043	7,215
Indian Sub Continent	13,750	28,743	14,155	74,989
South East Asia	14,444	63,760	22,788	65,508
Far East	57,099	210,502	66,779	213,578
North Africa	3,748	9,396	3,517	8,591
South Africa	19	0	19,819	207
East Africa	3,049	3,191	23,421	11,636
West Africa	2	0	204	94
Western Europe	144	5	4,483	887
Mediterranean	12,724	7,198	31,358	17,515
Scandinavia	0	0	241	21
Eastern Europe	61	0	4,877	124
North America	0	0	11,732	6,155
Caribbean	0	0	841	542
Central America	0	0	70	35
South America	0	0	8,772	108
Australasia	0	0	2,420	0
Others	7,930	2,417	1,226	7,316

Source: Abu Dhabi Port Company

\* Containers TEUs of UAE are from other emirates of UAE

## 2.7.14 Post Offices and Mail Boxes

Item	2016	2017	2018
Number of post offices	35	34	32
Number of mail boxes for private and Corporate	159,913	110,684	96,876
Number of mail boxes for public	110	79	78

Source: Emirates Post

## 2.7.15 Postal Traffic by Type

Postal Traffic	2016	2017	2018
<b>Registered letters</b>			
Internal	1,023,088	984,778	716,859
External outgoing	65,189	52,166	45,782
External incoming	254,011	349,062	293,697
<b>Parcels</b>			
Internal	735	726	404
External outgoing	45,493	40,898	36,285
External incoming	33,922	31,039	38,587
<b>Express mail</b>			
Internal	18,874	20,740	20,228
External outgoing	62,570	31,784	60,108
External incoming	57,006	57,105	28,986

Source: Emirates Post



## 2.8. Information and Communication Technology

In order to keep pace with information technology advancement, the Abu Dhabi Government launched an ambitious national strategy, which will enhance the Information and Communication Technology (ICT) infrastructure. It will also encourage both local and foreign investment in the area of advanced technologies.

Abu Dhabi is striving to achieve a knowledge-based economy by deploying advanced technologies throughout the Emirate. Given the increasing importance of efficient ICT in all areas of life, Statistics Centre - Abu Dhabi is keen to publish these most essential ICT statistics and indicators for the Emirate of Abu Dhabi.

Fixed broadband subscribers per 100 inhabitants amounted to 13, and the Fixed telephone subscribers per 100 inhabitants totaled 16 in 2018.

### 2.8.1 Key Statistics of Information and Communication Technology

Indicators	2015	2016	2017	2018*
Share in GDP at current prices (%)	2.7	2.9	2.9	2.7
Share in non-oil GDP at current prices (%)	4.2	4.3	4.4	4.5
Gross output (% of GDP at current prices)	4.3	4.5	4.5	4.1
Capital formation (% of GDP at current prices)	0.4	0.3	0.4	0.3
Compensation of employees (Million AED)	5,518	4,857	5,316	5,540

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

### 2.8.2 The Information and Communication Technology Indicators

Indicators	2015	2016	2017	2018
Fixed broadband subscribers per 100 inhabitants	12	12	12	13
Fixed telephone subscribers per 100 inhabitants	16	15	15	16
Mobile cellular subscribers per 100 inhabitants	186	146	166	173
Percentage of population covered by mobile network	100	100	100	100

Source: Telecommunications Regulatory Authority

2.8.3 Tariff of Telecommunications Services

(AED/Month)

Type of Services	Tariff			
	2015	2016	2017	2018
Consumer fixed broadband internet access tariff (256 kbps)	149	69	69	69
Business fixed broadband internet access tariff (4 Mbps)*	375	375	375	375
Fixed line telephone tariff:				
Home user	39	39	39	39
Business user	95	95	95	95
Mobile cellular prepaid tariff (100 minutes/month)	20	14	13	13

Source: Telecommunications Regulatory Authority

\* The speed of the internet service was updated from the source

## 2.9. Hotels

The Government of Abu Dhabi identified tourism as an important development sector for diversifying the economy and to increase sources of income of the Emirate. Due to the importance of this vital sector in the agenda of the Abu Dhabi Government, Statistics Centre-Abu Dhabi has developed a range of hotel sector indicators.

The number of hotel establishments reached 168 in 2018 while, the number of rooms increased by 6.8% compared with the previous year. In 2018, the number of guests totaled about 5.0 million, an increase of 3.8% compared with the previous year. The occupancy rate was 71.8% in 2018, compared with 71.5% in 2017, while the number of guest nights increased by 4.9% compared with 2017.

### 2.9.1 Key Statistics of the Hotel Establishments Activity

Item	2015	2016	2017	2018
Number of hotel establishments	168	169	162	168
Number of rooms	29,760	30,602	30,869	32,971
Number of guests (Thousand)	4,106	4,440	4,846	5,030
Number of guestnights (Thousand)	12,243	12,032	12,317	12,915
Average length of stay (nights)	2.9	2.7	2.5	2.6
Occupancy rate (%)	75.4	73.0	71.5	71.8
ARR: Average room rate (AED)	439	397	369	352
Rev PAR: Revenue per available room (AED)	331	290	264	253

Source: Department of Culture and Tourism

### 2.9.2 Hotel Establishments Indicators by Type, 2018

Item	Hotel	Hotel Apartments	Total
Number of hotel establishments	122	46	168
Number of rooms	27,259	5,712	32,971
Number of guests (Thousand)	4,606	424	5,030
Number of guestnights (Thousand)	10,522	2,393	12,915
Average length of stay (nights)	2.3	5.6	2.6
Occupancy rate (%)	70.2	78.9	71.8
ARR: Average room rate (AED)	371	275	352
Rev PAR: Revenue per available room (AED)	261	217	253

Source: Department of Culture and Tourism

### 2.9.3 Hotel Establishments Indicators by Region, 2018

Item	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Total
Number of hotel establishments	138	19	11	168
Number of hotel rooms	29,271	2,493	1,207	32,971
Number of guests (Thousand)	4,433	456	142	5,030
Number of guest nights (Thousand)	11,714	888	314	12,915
Average length of stay (nights)	2.6	1.9	2.2	2.6
Occupancy rate (%)	74.0	59.5	45.8	71.8

Source: Department of Culture and Tourism

### 2.9.4 Guests of Hotel Establishments by Nationality

Nationality	2015	2016	2017	2018
<b>Total</b>	<b>4,105,846</b>	<b>4,439,133</b>	<b>4,846,145</b>	<b>5,029,999</b>
United Arab Emirates	1,379,589	1,464,110	1,496,947	1,480,389
Other GCC countries	269,654	291,522	284,560	283,914
Other Arab countries	439,174	524,594	537,398	565,184
Asia (except Arab)	854,307	1,029,152	1,237,995	1,352,165
Australia and Pacific	64,956	60,476	62,916	62,425
Africa (except Arab)	60,637	64,816	73,108	82,885
Europe	748,766	746,141	838,751	912,881
North and South America	221,845	210,285	252,649	289,528
Not Specified	66,918	48,037	61,821	628

Source: Department of Culture and Tourism

## 2.9.5 Guestnights of Hotel Establishments by Nationality

Nationality	2015	2016	2017	2018
<b>Total</b>	<b>12,243,096</b>	<b>12,031,567</b>	<b>12,316,663</b>	<b>12,915,371</b>
United Arab Emirates	3,788,032	3,228,614	3,108,797	3,086,985
Other GCC countries	593,752	651,778	604,161	618,361
Other Arab countries	1,135,386	1,322,513	1,342,108	1,468,732
Asia (except Arab)	2,331,090	2,544,572	2,591,284	2,908,006
Australia and Pacific	2,910,468	186,553	176,046	175,107
Africa (except Arab)	945,473	200,751	207,789	231,843
Europe	190,807	2,923,512	3,242,544	3,546,242
North and South America	195,248	867,996	908,694	878,102
Not Specified	152,840	105,278	135,240	1,993

Source: Department of Culture and Tourism

## 2.9.6 Guests of Hotel Establishments by Nationality and Classification, 2018

Nationality	5- stars	4- stars	3- stars or less	Hotel Apartments	Total
<b>Total</b>	<b>2,129,671</b>	<b>1,670,092</b>	<b>806,021</b>	<b>424,215</b>	<b>5,029,999</b>
United Arab Emirates	653,981	504,545	186,133	135,730	1,480,389
Other GCC countries	115,281	85,603	45,803	37,227	283,914
Other Arab countries	166,368	206,722	135,338	56,756	565,184
Asia (except Arab)	486,769	466,214	293,006	106,176	1,352,165
Australia and Pacific	27,034	18,943	11,103	5,345	62,425
Africa (except Arab)	23,223	27,989	22,184	9,489	82,885
Europe	512,557	266,863	83,190	50,271	912,881
North and South America	143,915	93,179	29,263	23,171	289,528
Not Specified	543	34	1	50	628

Source: Department of Culture and Tourism

\* Includes: 3, 2 and 1 stars hotel establishments

## 2.9.7 Guestnights for Hotel Establishments by Nationality and Classification, 2018

Nationality	5- stars	4- stars	3- stars or less	Hotel Apartments	Total
<b>Total</b>	<b>5,174,930</b>	<b>3,540,630</b>	<b>1,806,824</b>	<b>2,392,987</b>	<b>12,915,371</b>
United Arab Emirates	1,301,932	919,218	422,147	443,688	3,086,985
Other GCC countries	252,381	178,081	88,952	98,947	618,361
Other Arab countries	371,348	451,129	305,042	341,213	1,468,732
Asia (except Arab)	831,774	843,278	571,234	661,720	2,908,006
Australia and Pacific	62,882	47,394	22,052	42,779	175,107
Africa (except Arab)	58,034	67,371	49,500	56,938	231,843
Europe	1,943,191	810,621	273,637	518,793	3,546,242
North and South America	351,802	223,434	74,255	228,611	878,102
Not Specified	1,586	104	5	298	1,993

Source: Department of Culture and Tourism

\* Includes 3, 2 and 1 stars hotel establishments

## 2.9.8 Average Length of Stay for Hotel Establishments by Nationality

Nationality	2017	2018	Difference
<b>Average</b>	<b>2.5</b>	<b>2.6</b>	<b>1.0</b>
United Arab Emirates	2.1	2.1	0.4
Other GCC countries	2.1	2.2	2.6
Other Arab countries	2.5	2.6	4.1
Asia (except Arab)	2.1	2.2	2.7
Australia and Pacific	2.8	2.8	0.2
Africa (except Arab)	2.8	2.8	-1.6
Europe	3.9	3.9	0.5
North and South America	3.6	3.0	-15.7
Not Specified	2.2	3.2	45.1

Source: Statistics Centre-Abu Dhabi, Department of Culture and Tourism

### 2.9.9 Occupancy Rate of Hotel Establishments by Month

Month	2015	2016	2017	2018
<b>Average</b>	<b>75.4</b>	<b>73.0</b>	<b>71.5</b>	<b>71.8</b>
January	76.6	76.9	75.4	75.1
February	81.6	77.4	77.0	78.4
March	79.9	82.7	74.9	79.9
April	77.8	77.1	75.9	78.2
May	74.7	75.0	65.2	61.9
June	64.3	54.2	52.1	55.7
July	63.6	64.7	61.7	64.9
August	71.0	70.2	65.7	66.2
September	74.5	70.1	70.8	67.1
October	80.9	72.5	78.9	73.8
November	82.7	79.8	82.7	81.9
December	76.9	74.8	78.7	78.4

Source: Department of Culture and Tourism

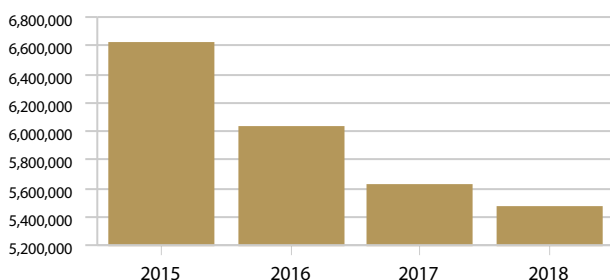
### 2.9.10 Total Revenue of Hotel Establishments

(Thousand AED)

Item	2015	2016	2017	2018
<b>Total revenue</b>	<b>6,624,260</b>	<b>6,032,722</b>	<b>5,622,010</b>	<b>5,463,574</b>
Room revenue	3,488,243	3,159,557	2,941,710	2,884,932
Food & beverage revenue	2,321,950	2,099,201	1,970,099	1,927,220
Other revenue	814,068	773,963	710,202	651,422

Source: Department of Culture and Tourism

**Figure 2.9.1 Total Revenue of Hotel Establishments**



Source: Department of Culture and Tourism







### **3. Population and Demography**

- Population
- Vital statistics

### 3. Population and Demography

The population estimates describe the size, regional distribution and age and gender structure of the population of the Abu Dhabi Emirate for mid-year 2016. Statistics and corresponding key indicators on births, deaths, marriages and divorce for the calendar year 2018 describe the vital events affecting population change. The resident population of the Abu Dhabi Emirate was 2,908,173 people at mid-year 2016. The estimated population in Abu Dhabi Region was 1.81 million (62.1%), Al Ain Region 0.77 million (26.4%), and Al Dhafra 0.33 million (11.5%). In Abu Dhabi, fertility is higher than most developed regions of the world, and mortality remains extremely low. In 2018, Crude Birth Rates and Crude Death Rates were 13.7 births and 1.2 deaths per 1000 population respectively.

Total Population (Mid-Year Estimate 2016)	2,908,173
Males (Mid-Year Estimate 2016)	1,857,618
Females (Mid-Year Estimate 2016)	1,050,555
Average Annual Population Growth Rate 2010- 2016 (%)	5.6
Age Dependency Ratio 2016	21.3
Age Dependency Ratio, Old 2016	1.1
Age Dependency Ratio, Young 2016	20.1
General Fertility Rate (Births per 1000 Women Aged 15 - 49 Years) 2018	49.9
Crude Birth Rate (Births per 1000 Population) 2018	13.7
Crude Death Rate (Deaths per 1000 Population) 2018	1.2
Infant Mortality Rate (Deaths per 1000 Live Births) 2018	6.4
Under 5 Mortality Rate (Deaths per 1000 Live Births) 2018	8.6
Life Expectancy at Birth for Male Citizens (Years) 2018	75.4
Life Expectancy at Birth for Female Citizens (Years) 2018	81.4
Median Age at Marriage for Males (Years) 2018	29.1
Median Age at Marriage for Females (Years) 2018	26.1

### 3.1. Population

The population data in the Statistical Yearbook includes Census data up to 2005 and mid-year estimates of the usual resident population from 2005 . The population estimates include all persons who are usual residents, and also those temporary absent and Abu Dhabi Emirati citizens away from the Emirate.

In 1975, the total population of the Abu Dhabi Emirate was 211,812 people, according to the 1975 Census, and this figure increased to 1,399,484 people in the 2005 Census. In mid 2016 the population was estimated to be 2,908,173 persons.

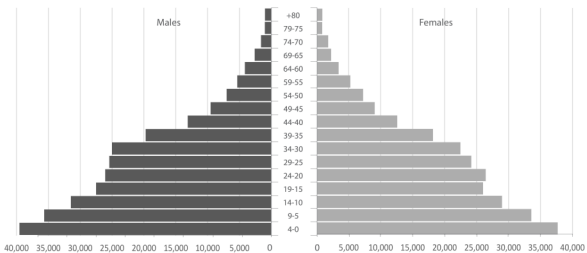
Of the total Abu Dhabi Emirate population, 551,535 (19.0%) are Emirati citizens. Of the citizens, 293,860 (53.3%) live in Abu Dhabi Region, and 226,285 (41.0%) in Al Ain Region, and 31,390 (5.7%) in Al Dhafra Region.

The non-citizen population comprise 81.0% of the total resident population. Of the non-citizens 1,513,376 (64.2%) live in Abu Dhabi Region.

More than 63.9% of the population of Abu Dhabi Emirate are males, due to an influx of male migrant workers.

The population density of Abu Dhabi Emirate in 2016 was 48.9 persons per square kilometre. The population density in Abu Dhabi Region, Al Ain Region and Al Dhafra Region were 164.2, 57.3 and 9.5 persons per square kilometre respectively. Al Dhafra Region is the most sparsely populated region in the Abu Dhabi Emirate but with a fast population growth.

**Figure 3.1.1 Population Pyramid for Citizens, Mid 2016**



### 3.1.1 Population by Gender and Citizenship, Census Years

(Persons)

Census Year and Gender	Citizens	Non-Citizens	Total
<b>1975</b>	<b>54,886</b>	<b>156,926</b>	<b>211,812</b>
Males	29,238	125,820	155,058
Females	25,648	31,106	56,754
<b>1980</b>	<b>90,792</b>	<b>361,056</b>	<b>451,848</b>
Males	47,993	283,695	331,688
Females	42,799	77,361	120,160
<b>1985</b>	<b>135,982</b>	<b>430,054</b>	<b>566,036</b>
Males	69,975	310,278	380,253
Females	66,007	119,776	185,783
<b>1995</b>	<b>222,627</b>	<b>719,836</b>	<b>942,463</b>
Males	113,365	537,379	650,744
Females	109,262	182,457	291,719
<b>2001</b>	<b>296,152</b>	<b>874,102</b>	<b>1,170,254</b>
Males	148,982	640,844	789,826
Females	147,170	233,258	380,428
<b>2005</b>	<b>350,277</b>	<b>1,049,207</b>	<b>1,399,484</b>
Males	176,926	749,888	926,814
Females	173,351	299,319	472,670

Source: Department of Economic Development

### 3.1.2 Average Annual Population Growth Rates by Citizenship and Gender, Intercensal Periods

(%)

Citizenship and Gender	1975-1985	1985-1995	1995-2005	2005-2011
<b>Grand Total</b>	<b>10.4</b>	<b>5.2</b>	<b>4.0</b>	<b>7.7</b>
Males	9.4	5.5	3.6	9.0
Females	12.6	4.6	5.0	5
<b>Citizens</b>	<b>9.5</b>	<b>5.1</b>	<b>4.6</b>	<b>4.1</b>
Males	9.1	4.9	4.6	4.5
Females	9.9	5.2	4.7	3.7
<b>Non-Citizens</b>	<b>10.6</b>	<b>5.3</b>	<b>3.8</b>	<b>8.8</b>
Males	9.5	5.6	3.4	10.0
Females	14.5	4.3	5.1	5.7

Source: Statistics Centre - Abu Dhabi

### 3.1.3 Average Annual Population Growth Rates by Citizenship and Gender, Mid-year 2010 to 2016

Citizenship and Gender	Mid-year 2010	Mid-year 2016	Average annual growth rates
<b>Grand Total</b>	<b>2,094,480</b>	<b>2,908,173</b>	<b>5.6</b>
Males	1,460,794	1,857,618	4.1
Females	633,686	1,050,555	8.8
<b>Citizens</b>	<b>437,483</b>	<b>551,535</b>	<b>3.9</b>
Males	224,498	282,632	3.9
Females	212,985	268,903	4.0
<b>Non-Citizens</b>	<b>1,656,997</b>	<b>2,356,638</b>	<b>6.0</b>
Males	1,236,296	1,574,986	4.1
Females	420,701	781,652	10.9

Source: Statistics Centre - Abu Dhabi

\* Mid-year 2016 estimates is revised

### 3.1.4 Population Density by Region, 2010, 2014, 2015 and 2016

(Persons per Square Kilometre)

Region	2010	2014	2015	2016
<b>Abu Dhabi Emirate</b>	<b>35.2</b>	<b>44.7</b>	<b>46.8</b>	<b>48.9</b>
Abu Dhabi Region	115	148.9	156.3	164.2
Al Ain Region	43.8	52.6	55.2	57.3
Al Gharbia Region	6.9	8.9	9.3	9.5

Source: Statistics Centre - Abu Dhabi

### 3.1.5 Population Estimates by Region and Gender, Mid 2010 and Mid 2016

(Thousand Persons)

Region	Males	Females	Total
<b>Abu Dhabi Emirate</b>			
2010	1,461	633.7	2,095
2016	1,858	1,051	2,908
<b>Abu Dhabi Region</b>			
2010	871.5	394.6	1,266
2016	1,122	685.3	1,807
<b>Al Ain Region</b>			
2010	376.8	209.2	585.9
2016	451.8	315.2	766.9
<b>Al Gharbia Region</b>			
2010	212.5	30	242.4
2016	283.9	50.1	334

Source: Statistics Centre - Abu Dhabi

All numbers are rounded to the nearest 1000 persons, therefore, numbers may not add to totals.

### 3.1.6 Population Estimates by Region, Citizenship and Gender, Mid-years 2010, 2014, 2015 and 2016

(Thousand Persons)

Region / Citizenship / Gender	2010	2014	2015	2016
<b>Abu Dhabi Emirate</b>	<b>2,094</b>	<b>2,656</b>	<b>2,785</b>	<b>2,908</b>
<b>Abu Dhabi Region</b>	<b>1,266</b>	<b>1,640</b>	<b>1,720</b>	<b>1,807</b>
<b>Citizens</b>	<b>231.2</b>	<b>262.2</b>	<b>276.4</b>	<b>293.9</b>
Males	118.7	133.4	140.2	147.7
Females	112.5	128.7	136.2	146.1
<b>Non-Citizens</b>	<b>1,035</b>	<b>1,377</b>	<b>1,444</b>	<b>1,513</b>
Males	752.8	929.1	961.7	974.3
Females	282	447.6	482.1	539.1
<b>Al Ain Region</b>	<b>585.9</b>	<b>704.1</b>	<b>738.5</b>	<b>766.9</b>
<b>Citizens</b>	<b>179.5</b>	<b>215.8</b>	<b>230</b>	<b>226.3</b>
Males	90.3	109.9	117.3	115.6
Females	89.2	105.8	112.7	110.7
<b>Non-Citizens</b>	<b>406.4</b>	<b>488.3</b>	<b>508.5</b>	<b>540.7</b>
Males	286.5	327.6	336.9	336.2
Females	120	160.7	171.6	204.5
<b>Al Gharbia Region</b>	<b>242.4</b>	<b>313.5</b>	<b>325.8</b>	<b>334</b>
<b>Citizens</b>	<b>26.7</b>	<b>29.6</b>	<b>30.3</b>	<b>31.4</b>
Males	15.5	17.8	18.5	19.3
Females	11.3	11.7	11.9	12
<b>Non-Citizens</b>	<b>215.7</b>	<b>283.9</b>	<b>295.5</b>	<b>302.6</b>
Males	197	248.2	257.2	264.6
Females	18.7	35.8	38.3	38.1

Source: Statistics Centre - Abu Dhabi

Resident mid-year population 2010 are final estimates and 2014 to 2016 are revised estimates.

### 3.1.7 Population Estimates by Age Group and Gender, Abu Dhabi Emirate, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>1,857,618</b>	<b>1,050,555</b>	<b>2,908,173</b>
0-4	96,164	91,284	187,448
5-9	80,013	77,921	157,934
10-14	69,677	68,062	137,739
15-19	66,448	74,559	141,007
20-24	207,339	126,467	333,806
25-29	374,031	159,204	533,235
30-34	329,348	146,401	475,749
35-39	244,053	108,197	352,250
40-44	175,035	74,486	249,521
45-49	98,951	49,505	148,456
50-54	57,256	30,920	88,176
55-59	31,432	19,739	51,171
60-64	13,942	10,730	24,672
65-69	6,564	5,645	12,209
70-74	3,769	3,745	7,514
75-79	1,823	1,836	3,659
80+	1,773	1,854	3,627

Source: Statistics Centre - Abu Dhabi



### 3.1.8 Citizen Population Estimates by Age Group and Gender, Abu Dhabi Emirate, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>282,632</b>	<b>268,903</b>	<b>551,535</b>
0-4	40,102	38,087	78,189
5-9	36,730	34,356	71,086
10-14	32,703	30,089	62,792
15-19	28,249	26,424	54,673
20-24	26,526	26,832	53,358
25-29	25,385	24,390	49,775
30-34	25,081	22,864	47,945
35-39	20,885	19,278	40,163
40-44	14,122	13,608	27,730
45-49	10,171	9,742	19,913
50-54	7,464	7,936	15,400
55-59	5,142	5,665	10,807
60-64	3,899	3,647	7,546
65-69	2,577	2,345	4,922
70-74	1,651	1,834	3,485
75-79	924	916	1,840
80+	1,021	890	1,911

Source: Statistics Centre - Abu Dhabi

### 3.1.9 Non-Citizen Population Estimates by Age Group and Gender, Abu Dhabi Emirate, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>1,574,986</b>	<b>781,652</b>	<b>2,356,638</b>
0-4	56,062	53,197	109,259
5-9	43,283	43,565	86,848
10-14	36,974	37,973	74,947
15-19	38,199	48,135	86,334
20-24	180,813	99,635	280,448
25-29	348,646	134,814	483,460
30-34	304,267	123,537	427,804
35-39	223,168	88,919	312,087
40-44	160,913	60,878	221,791
45-49	88,780	39,763	128,543
50-54	49,792	22,984	72,776
55-59	26,290	14,074	40,364
60-64	10,043	7,083	17,126
65-69	3,987	3,300	7,287
70-74	2,118	1,911	4,029
75-79	899	920	1,819
80+	752	964	1,716

Source: Statistics Centre - Abu Dhabi

### 3.1.10 Population Estimates by Age Group and Gender, Abu Dhabi Region, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>1,121,963</b>	<b>685,273</b>	<b>1,807,236</b>
0-4	59,790	54,692	114,482
5-9	48,160	46,969	95,129
10-14	41,134	40,230	81,364
15-19	35,827	43,048	78,875
20-24	120,127	80,545	200,672
25-29	234,140	108,410	342,550
30-34	209,817	101,908	311,725
35-39	150,012	74,061	224,073
40-44	104,774	51,170	155,944
45-49	55,350	34,378	89,728
50-54	29,419	20,712	50,131
55-59	16,768	13,652	30,420
60-64	8,027	7,429	15,456
65-69	3,919	3,597	7,516
70-74	2,421	2,355	4,776
75-79	1,178	1,134	2,312
80+	1,100	983	2,083

Source: Statistics Centre - Abu Dhabi

### 3.1.11 Citizen Population Estimates by Age Group and Gender, Abu Dhabi Region, Mid 2016.

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>147,713</b>	<b>146,147</b>	<b>293,860</b>
0-4	22,969	20,565	43,534
5-9	18,950	18,283	37,233
10-14	17,183	16,022	33,205
15-19	13,645	12,610	26,255
20-24	14,568	15,095	29,663
25-29	13,969	16,011	29,980
30-34	12,272	12,673	24,945
35-39	9,947	9,984	19,931
40-44	7,141	7,226	14,367
45-49	5,178	5,358	10,536
50-54	3,878	4,297	8,175
55-59	2,652	3,183	5,835
60-64	1,968	1,981	3,949
65-69	1,287	1,066	2,353
70-74	966	946	1,912
75-79	568	522	1,090
80+	572	325	897

Source: Statistics Centre - Abu Dhabi

### 3.1.12 Non-Citizen Population Estimates by Age Group and Gender, Abu Dhabi Region, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>974,250</b>	<b>539,126</b>	<b>1,513,376</b>
0-4	36,821	34,127	70,948
5-9	29,210	28,686	57,896
10-14	23,951	24,208	48,159
15-19	22,182	30,438	52,620
20-24	105,559	65,450	171,009
25-29	220,171	92,399	312,570
30-34	197,545	89,235	286,780
35-39	140,065	64,077	204,142
40-44	97,633	43,944	141,577
45-49	50,172	29,020	79,192
50-54	25,541	16,415	41,956
55-59	14,116	10,469	24,585
60-64	6,059	5,448	11,507
65-69	2,632	2,531	5,163
70-74	1,455	1,409	2,864
75-79	610	612	1,222
80+	528	658	1,186

Source: Statistics Centre - Abu Dhabi

### 3.1.13 Population Estimates by Age Group and Gender, Abu Dhabi Region Urban, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>753,815</b>	<b>512,374</b>	<b>1,266,189</b>
0-4	41,340	38,171	79,511
5-9	34,226	33,262	67,488
10-14	28,430	28,270	56,700
15-19	24,174	30,790	54,964
20-24	76,333	54,039	130,372
25-29	146,743	79,699	226,442
30-34	135,899	80,345	216,244
35-39	104,085	58,500	162,585
40-44	74,731	41,927	116,658
45-49	40,668	28,394	69,062
50-54	22,108	16,752	38,860
55-59	12,964	10,983	23,947
60-64	6,183	5,705	11,888
65-69	2,904	2,628	5,532
70-74	1,655	1,564	3,219
75-79	758	730	1,488
80+	614	615	1,229

Source: Statistics Centre - Abu Dhabi

### 3.1.14 Citizen Population Estimates by Age Group and Gender, Abu Dhabi Region Urban, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>70,864</b>	<b>69,026</b>	<b>139,890</b>
0-4	10,470	9,433	19,903
5-9	8,978	8,506	17,484
10-14	7,696	7,278	14,974
15-19	5,683	5,932	11,615
20-24	6,392	6,962	13,354
25-29	6,650	7,116	13,766
30-34	6,437	6,589	13,026
35-39	6,002	5,528	11,530
40-44	4,311	3,791	8,102
45-49	2,823	2,559	5,382
50-54	1,984	1,850	3,834
55-59	1,289	1,374	2,663
60-64	825	832	1,657
65-69	482	448	930
70-74	381	443	824
75-79	245	242	487
80+	216	143	359

Source: Statistics Centre - Abu Dhabi

### 3.1.15 Non-Citizen Population Estimates by Age Group and Gender, Abu Dhabi Region Urban, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>682,951</b>	<b>443,348</b>	<b>1,126,299</b>
0-4	30,870	28,738	59,608
5-9	25,248	24,756	50,004
10-14	20,734	20,992	41,726
15-19	18,491	24,858	43,349
20-24	69,941	47,077	117,018
25-29	140,093	72,583	212,676
30-34	129,462	73,756	203,218
35-39	98,083	52,972	151,055
40-44	70,420	38,136	108,556
45-49	37,845	25,835	63,680
50-54	20,124	14,902	35,026
55-59	11,675	9,609	21,284
60-64	5,358	4,873	10,231
65-69	2,422	2,180	4,602
70-74	1,274	1,121	2,395
75-79	513	488	1,001
80+	398	472	870

Source: Statistics Centre - Abu Dhabi



### 3.1.16 Population Estimates by Age Group and Gender, Abu Dhabi Region Rural, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>368,148</b>	<b>172,899</b>	<b>541,047</b>
0-4	18,450	16,521	34,971
5-9	13,934	13,707	27,641
10-14	12,704	11,960	24,664
15-19	11,653	12,258	23,911
20-24	43,794	26,506	70,300
25-29	87,397	28,711	116,108
30-34	73,918	21,563	95,481
35-39	45,927	15,561	61,488
40-44	30,043	9,243	39,286
45-49	14,682	5,984	20,666
50-54	7,311	3,960	11,271
55-59	3,804	2,669	6,473
60-64	1,844	1,724	3,568
65-69	1,015	969	1,984
70-74	766	791	1,557
75-79	420	404	824
80+	486	368	854

Source: Statistics Centre - Abu Dhabi

### 3.1.17 Citizen Population Estimates by Age Group and Gender, Abu Dhabi Region Rural, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>76,849</b>	<b>77,121</b>	<b>153,970</b>
0-4	12,499	11,132	23,631
5-9	9,972	9,777	19,749
10-14	9,487	8,744	18,231
15-19	7,962	6,678	14,640
20-24	8,176	8,133	16,309
25-29	7,319	8,895	16,214
30-34	5,835	6,084	11,919
35-39	3,945	4,456	8,401
40-44	2,830	3,435	6,265
45-49	2,355	2,799	5,154
50-54	1,894	2,447	4,341
55-59	1,363	1,809	3,172
60-64	1,143	1,149	2,292
65-69	805	618	1,423
70-74	585	503	1,088
75-79	323	280	603
80+	356	182	538

Source: Statistics Centre - Abu Dhabi

### 3.1.18 Non-Citizen Population Estimates by Age Group and Gender, Abu Dhabi Region Rural, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>291,299</b>	<b>95,778</b>	<b>387,077</b>
0-4	5,951	5,389	11,340
5-9	3,962	3,930	7,892
10-14	3,217	3,216	6,433
15-19	3,691	5,580	9,271
20-24	35,618	18,373	53,991
25-29	80,078	19,816	99,894
30-34	68,083	15,479	83,562
35-39	41,982	11,105	53,087
40-44	27,213	5,808	33,021
45-49	12,327	3,185	15,512
50-54	5,417	1,513	6,930
55-59	2,441	860	3,301
60-64	701	575	1,276
65-69	210	351	561
70-74	181	288	469
75-79	97	124	221
80+	130	186	316

Source: Statistics Centre - Abu Dhabi

### 3.1.19 Population Estimates by Age Group and Gender, Al Ain Region, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>451,754</b>	<b>315,182</b>	<b>766,936</b>
0-4	31,061	31,248	62,309
5-9	27,223	26,795	54,018
10-14	24,804	24,199	49,003
15-19	25,399	27,911	53,310
20-24	51,884	40,169	92,053
25-29	75,039	43,507	118,546
30-34	66,031	38,004	104,035
35-39	52,466	29,081	81,547
40-44	39,189	19,794	58,983
45-49	24,976	13,019	37,995
50-54	16,171	8,827	24,998
55-59	9,021	5,276	14,297
60-64	4,248	2,898	7,146
65-69	2,185	1,842	4,027
70-74	1,114	1,257	2,371
75-79	477	569	1,046
80+	466	786	1,252

Source: Statistics Centre - Abu Dhabi

### 3.1.20 Citizen Population Estimates by Age Group and Gender, Al Ain Region, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>115,574</b>	<b>110,711</b>	<b>226,285</b>
0-4	15,242	15,759	31,001
5-9	15,696	14,446	30,142
10-14	14,020	12,735	26,755
15-19	13,394	12,773	26,167
20-24	10,148	10,648	20,796
25-29	8,733	7,045	15,778
30-34	10,038	9,110	19,148
35-39	8,802	8,563	17,365
40-44	5,905	5,856	11,761
45-49	4,334	4,014	8,348
50-54	3,040	3,305	6,345
55-59	2,083	2,221	4,304
60-64	1,711	1,443	3,154
65-69	1,202	1,167	2,369
70-74	643	821	1,464
75-79	262	304	566
80+	321	501	822

Source: Statistics Centre - Abu Dhabi

### 3.1.21 Non-Citizen Population Estimates by Age Group and Gender, Al Ain Region, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>336,180</b>	<b>204,471</b>	<b>540,651</b>
0-4	15,819	15,489	31,308
5-9	11,527	12,349	23,876
10-14	10,784	11,464	22,248
15-19	12,005	15,138	27,143
20-24	41,736	29,521	71,257
25-29	66,306	36,462	102,768
30-34	55,993	28,894	84,887
35-39	43,664	20,518	64,182
40-44	33,284	13,938	47,222
45-49	20,642	9,005	29,647
50-54	13,131	5,522	18,653
55-59	6,938	3,055	9,993
60-64	2,537	1,455	3,992
65-69	983	675	1,658
70-74	471	436	907
75-79	215	265	480
80+	145	285	430

Source: Statistics Centre - Abu Dhabi

### 3.1.22 Population Estimates by Age Group and Gender, Al Ain Region Urban, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>292,303</b>	<b>226,969</b>	<b>519,272</b>
0-4	21,978	22,078	44,056
5-9	18,539	18,717	37,256
10-14	16,851	16,534	33,385
15-19	16,748	18,522	35,270
20-24	31,695	26,622	58,317
25-29	47,068	31,721	78,789
30-34	41,565	28,773	70,338
35-39	33,213	22,700	55,913
40-44	24,779	15,396	40,175
45-49	16,559	10,143	26,702
50-54	11,161	6,640	17,801
55-59	6,323	4,014	10,337
60-64	2,973	2,129	5,102
65-69	1,470	1,287	2,757
70-74	769	834	1,603
75-79	337	381	718
80+	275	478	753

Source: Statistics Centre - Abu Dhabi

### 3.1.23 Citizen Population Estimates by Age Group and Gender, Al Ain Region Urban, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>66,916</b>	<b>65,047</b>	<b>131,963</b>
0-4	8,838	9,185	18,023
5-9	8,881	8,404	17,285
10-14	7,897	7,079	14,976
15-19	7,542	7,001	14,543
20-24	5,698	6,037	11,735
25-29	5,002	4,138	9,140
30-34	6,069	5,764	11,833
35-39	5,646	5,623	11,269
40-44	3,671	3,618	7,289
45-49	2,593	2,364	4,957
50-54	1,691	1,860	3,551
55-59	1,089	1,324	2,413
60-64	921	895	1,816
65-69	648	745	1,393
70-74	375	523	898
75-79	163	175	338
80+	192	312	504

Source: Statistics Centre - Abu Dhabi



### 3.1.24 Non-Citizen Population Estimates by Age Group and Gender, Al Ain Region Urban, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>225,387</b>	<b>161,922</b>	<b>387,309</b>
0-4	13,140	12,893	26,033
5-9	9,658	10,313	19,971
10-14	8,954	9,455	18,409
15-19	9,206	11,521	20,727
20-24	25,997	20,585	46,582
25-29	42,066	27,583	69,649
30-34	35,496	23,009	58,505
35-39	27,567	17,077	44,644
40-44	21,108	11,778	32,886
45-49	13,966	7,779	21,745
50-54	9,470	4,780	14,250
55-59	5,234	2,690	7,924
60-64	2,052	1,234	3,286
65-69	822	542	1,364
70-74	394	311	705
75-79	174	206	380
80+	83	166	249

Source: Statistics Centre - Abu Dhabi

### 3.1.25 Population Estimates by Age Group and Gender, Al Ain Region Rural, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>159,451</b>	<b>88,213</b>	<b>247,664</b>
0-4	9,083	9,170	18,253
5-9	8,684	8,078	16,762
10-14	7,953	7,665	15,618
15-19	8,651	9,389	18,040
20-24	20,189	13,547	33,736
25-29	27,971	11,786	39,757
30-34	24,466	9,231	33,697
35-39	19,253	6,381	25,634
40-44	14,410	4,398	18,808
45-49	8,417	2,876	11,293
50-54	5,010	2,187	7,197
55-59	2,698	1,262	3,960
60-64	1,275	769	2,044
65-69	715	555	1,270
70-74	345	423	768
75-79	140	188	328
80+	191	308	499

Source: Statistics Centre - Abu Dhabi

### 3.1.26 Citizen Population Estimates by Age Group and Gender, Al Ain Region Rural, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>48,658</b>	<b>45,664</b>	<b>94,322</b>
0-4	6,404	6,574	12,978
5-9	6,815	6,042	12,857
10-14	6,123	5,656	11,779
15-19	5,852	5,772	11,624
20-24	4,450	4,611	9,061
25-29	3,731	2,907	6,638
30-34	3,969	3,346	7,315
35-39	3,156	2,940	6,096
40-44	2,234	2,238	4,472
45-49	1,741	1,650	3,391
50-54	1,349	1,445	2,794
55-59	994	897	1,891
60-64	790	548	1,338
65-69	554	422	976
70-74	268	298	566
75-79	99	129	228
80+	129	189	318

Source: Statistics Centre - Abu Dhabi

### 3.1.27 Non-Citizen Population Estimates by Age Group and Gender, Al Ain Region Rural, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>110,793</b>	<b>42,549</b>	<b>153,342</b>
0-4	2,679	2,596	5,275
5-9	1,869	2,036	3,905
10-14	1,830	2,009	3,839
15-19	2,799	3,617	6,416
20-24	15,739	8,936	24,675
25-29	24,240	8,879	33,119
30-34	20,497	5,885	26,382
35-39	16,097	3,441	19,538
40-44	12,176	2,160	14,336
45-49	6,676	1,226	7,902
50-54	3,661	742	4,403
55-59	1,704	365	2,069
60-64	485	221	706
65-69	161	133	294
70-74	77	125	202
75-79	41	59	100
80+	62	119	181

Source: Statistics Centre - Abu Dhabi

### 3.1.28 Population Estimates by Age Group and Gender, Al Dhafra Region, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>283,901</b>	<b>50,100</b>	<b>334,001</b>
0-4	5,313	5,344	10,657
5-9	4,630	4,157	8,787
10-14	3,739	3,633	7,372
15-19	5,222	3,600	8,822
20-24	35,328	5,753	41,081
25-29	64,852	7,287	72,139
30-34	53,500	6,489	59,989
35-39	41,575	5,055	46,630
40-44	31,072	3,522	34,594
45-49	18,625	2,108	20,733
50-54	11,666	1,381	13,047
55-59	5,643	811	6,454
60-64	1,667	403	2,070
65-69	460	206	666
70-74	234	133	367
75-79	168	133	301
80+	207	85	292

Source: Statistics Centre - Abu Dhabi

### 3.1.29 Citizen Population Estimates by Age Group and Gender, Al Dhafra Region, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>19,345</b>	<b>12,045</b>	<b>31,390</b>
0-4	1,891	1,763	3,654
5-9	2,084	1,627	3,711
10-14	1,500	1,332	2,832
15-19	1,210	1,041	2,251
20-24	1,810	1,089	2,899
25-29	2,683	1,334	4,017
30-34	2,771	1,081	3,852
35-39	2,136	731	2,867
40-44	1,076	526	1,602
45-49	659	370	1,029
50-54	546	334	880
55-59	407	261	668
60-64	220	223	443
65-69	88	112	200
70-74	42	67	109
75-79	94	90	184
80+	128	64	192

Source: Statistics Centre - Abu Dhabi

### 3.1.30 Non-Citizen Population Estimates by Age Group and Gender, Al Dhafra Region, Mid 2016

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>264,556</b>	<b>38,055</b>	<b>302,611</b>
0-4	3,422	3,581	7,003
5-9	2,546	2,530	5,076
10-14	2,239	2,301	4,540
15-19	4,012	2,559	6,571
20-24	33,518	4,664	38,182
25-29	62,169	5,953	68,122
30-34	50,729	5,408	56,137
35-39	39,439	4,324	43,763
40-44	29,996	2,996	32,992
45-49	17,966	1,738	19,704
50-54	11,120	1,047	12,167
55-59	5,236	550	5,786
60-64	1,447	180	1,627
65-69	372	94	466
70-74	192	66	258
75-79	74	43	117
80+	79	21	100

Source: Statistics Centre - Abu Dhabi

### 3.1.31 Age Dependency Ratio by Type, Citizenship and Region, Mid 2016

(Average Number of Dependants per Adult Person age 15 to 64 years)

Type and Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra	Abu Dhabi Emirate
<b>Age Dependency Ratio</b>				
<b>Total</b>	<b>20.5</b>	<b>29.4</b>	<b>9.3</b>	<b>21.3</b>
Citizens	69.2	69.9	53.1	68.5
Non-Citizens	14.1	17.6	6.2	13.8
<b>Old Age Dependency Ratio (aged 65+)</b>				
<b>Total</b>	<b>1.1</b>	<b>1.5</b>	<b>0.5</b>	<b>1.1</b>
Citizens	3.6	3.9	3.3	3.7
Non-Citizens	0.8	0.8	0.3	0.7
<b>Young Age Dependency Ratio (aged 0-14)</b>				
<b>Total</b>	<b>19.4</b>	<b>27.9</b>	<b>8.8</b>	<b>20.1</b>
Citizens	65.6	66	49.7	64.8
Non-Citizens	13.3	16.8	5.8	13.1

Source: Statistics Centre - Abu Dhabi

### 3.1.32 Sex Ratio by Citizenship and Region, Mid 2016

(Males per 100 Females)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
<b>Total</b>	<b>163.7</b>	<b>143.3</b>	<b>566.7</b>	<b>176.8</b>
Citizens	101.1	104.4	160.6	105.1
Non-Citizens	180.7	164.4	695.2	201.5

Source: Statistics Centre - Abu Dhabi



3.1.33 Sex Ratio by Citizenship, 2010, 2014, 2015 and 2016

(Males per 100 Females)

Citizenship	2010	2014	2015	2016
<b>Total</b>	<b>230.5</b>	<b>198.4</b>	<b>192.3</b>	<b>176.8</b>
Citizens	105.4	106.1	105.8	105.1
Non-Citizens	293.9	233.7	224.8	201.5

Source: Statistics Centre - Abu Dhabi

3.1.34 Percentage Distribution of Population by Citizenship, Gender and Wide Age Group, Mid 2016

(%)

Citizenship / Gender	0-14	15-64	65+
<b>Grand Total</b>	<b>16.6</b>	<b>82.5</b>	<b>0.9</b>
Males	13.2	86	0.7
Females	22.6	76.2	1.2
<b>Citizens</b>	<b>38.5</b>	<b>59.3</b>	<b>2.2</b>
Males	38.8	59.1	2.2
Females	38.1	59.6	2.2
<b>Non-Citizens</b>	<b>11.5</b>	<b>87.9</b>	<b>0.6</b>
Males	8.7	90.9	0.5
Females	17.2	81.9	0.9

Source: Statistics Centre - Abu Dhabi

Totals for Rows may not add due to rounding

## 3.2. Vital Statistics

### Births and Deaths

Births are measured as live births by place of registration. The data is sourced from the hospital birth notifications statistics collected by Department of Health - Abu Dhabi.

Deaths are measured by the Abu Dhabi Emirate place of registration of the deceased person. Data on deaths are also sourced from Department of Health - Abu Dhabi.

The number of births in the Abu Dhabi Emirate in 2018 was 38,285, comprising 19,553 males and 18,732 females.

The 2018 Crude Birth Rates were for citizens 29.1, non-citizens 9.6 and the population as a whole 13.7 births per 1,000 population, respectively.

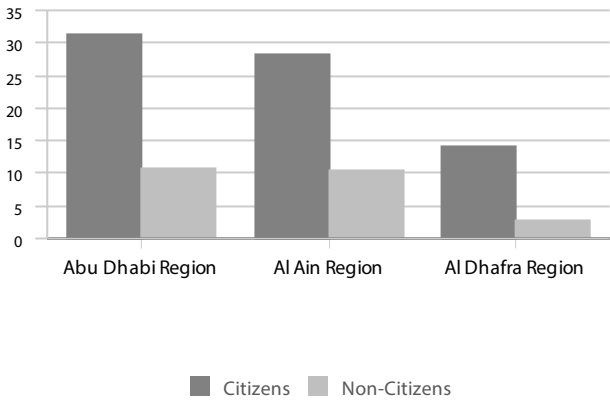
The number of deaths during the same year was 3,407 including 2,333 males and 1,036 females. The 2018 Crude Death Rates for citizens, non-citizens and the population as a whole were 2.1, 1.0 and 1.2 deaths per 1,000 population respectively. Infants, under one year old, and children, under five years old, normally have higher mortality rates than other young people.

The 2018 Infant Mortality Rates for citizens, non-citizens and the population as a whole were 7.2, 5.4 and 6.4 infant deaths per 1,000 live births respectively. The corresponding child mortality rates (under 5 years) in 2018 were 10.0, 7.0 and 8.6 child deaths per 1,000 live births respectively.

Life expectancy at birth represents the number of years that a baby could expect to live, assuming current age-specific death rates were experienced. In 2018, life expectancy at birth for Abu Dhabi Emirate was 75.4 years for male citizens, and 81.4 years for female citizens. The proportion of births likely to survive to an age of 65 years were 86.1% and 92.0% for male and female citizens respectively.

The proportion of individuals likely to survive from 15 to 60 years of age among male and female citizens were 91.5% and 95.8% respectively.

Figure 3.2.1 Crude Birth Rate by Citizenship and Region, 2018



Source: Statistics Centre - Abu Dhabi

3.2.1 Sex Ratio at Birth by Citizenship, Abu Dhabi Emirate

(Males per 100 Females)

Citizenship	2010	2016	2017	2018
Total	104.4	104.1	104.4	104.4
Citizens	102.3	105.3	105.0	106.4
Non-Citizens	106.1	103.3	103.9	102.8

Source: Statistics Centre - Abu Dhabi

Based on Department of Health - Abu Dhabi data, May 2019

3.2.2 Sex Ratio at Birth by Citizenship and Region, 2018

(Males per 100 Females)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	105.5	103.6	90.7	104.4
Citizens	106.9	106.6	91.6	106.4
Non-Citizens	104.5	99.9	90.3	102.8

Source: Statistics Centre - Abu Dhabi

Based on Department of Health - Abu Dhabi data, May 2019

3.2.3 Births by Citizenship, Region and Gender, 2018

(Births)

Citizenship, Region and Gender	Males	Females	Total
<b>Grand Total</b>	<b>19,553</b>	<b>18,732</b>	<b>38,285</b>
Abu Dhabi Region	12,753	12,092	24,845
Al Ain Region	6,231	6,013	12,244
Al Dhafra Region	569	627	1,196
<b>Citizens</b>	<b>8,859</b>	<b>8,330</b>	<b>17,189</b>
Abu Dhabi Region	5,089	4,761	9,850
Al Ain Region	3,553	3,332	6,885
Al Dhafra Region	217	237	454
<b>Non-Citizens</b>	<b>10,662</b>	<b>10,374</b>	<b>21,036</b>
Abu Dhabi Region	7,638	7,308	14,946
Al Ain Region	2,672	2,676	5,348
Al Dhafra Region	352	390	742
<b>Not Stated</b>	<b>32</b>	<b>28</b>	<b>60</b>
Abu Dhabi Region	26	23	49
Al Ain Region	6	5	11
Al Dhafra Region	0	0	0

Source:Department of Health - Abu Dhabi  
Based on Department of Health - Abu Dhabi data, May 2019

### 3.2.4 Crude Birth Rate by Citizenship, Abu Dhabi Emirate

(Births per 1000 Population)

Citizenship	2010	2016	2017	2018
<b>Total</b>	<b>14.1</b>	<b>13.7</b>	<b>13.6</b>	<b>13.7</b>
Citizens	31.2	30.3	29.6	29.1
Non-Citizens	9.6	9.7	9.4	9.6

Source: Statistics Centre - Abu Dhabi

Based on Department of Health - Abu Dhabi data, May 2019

### 3.2.5 Crude Birth Rate by Citizenship and Region, 2018

(Births per 1000 Population)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
<b>Total</b>	<b>14.4</b>	<b>16.0</b>	<b>4.1</b>	<b>13.7</b>
Citizens	31.4	28.1	14.0	29.1
Non-Citizens	10.6	10.3	2.8	9.6

Source: Statistics Centre - Abu Dhabi

Based on Department of Health - Abu Dhabi data, May 2019

### 3.2.6 General Fertility Rate by Citizenship and Region, 2018

(Births per 1000 Female Population 15-49 Years)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
<b>Total</b>	<b>47.8</b>	<b>56.8</b>	<b>36.6</b>	<b>49.9</b>
Citizens	116.2	108.3	73.6	111.2
Non-Citizens	34.4	35.2	28.0	34.3

Source: Statistics Centre - Abu Dhabi

Based on Department of Health - Abu Dhabi data, May 2019

### 3.2.7 Total Fertility Rate by Citizenship and Region, 2018

(Children per Woman)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
<b>Total</b>	<b>1.3</b>	<b>1.7</b>	<b>1.0</b>	<b>1.4</b>
Citizens	3.7	4.0	2.3	3.6
Non Citizens	0.9	1.0	0.8	0.9

Source: Statistics Centre - Abu Dhabi

Based on Department of Health - Abu Dhabi data, May 2019

### 3.2.8 Age Specific Fertility Rates by Age Group and Region, 2018

(Births per 1000 Female Population age 15-49)

Age Group	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
15-19	7.8	6.7	7.8	7.3
20-24	39.1	47.0	32.5	41.5
25-29	63.2	82.1	54.3	67.8
30-34	73.8	95.3	51.4	78.1
35-39	55.2	71.3	44.5	58.9
40-44	20.0	33.7	16.6	23.5
45-49	2.1	4.8	2.4	2.8

Source: Statistics Centre - Abu Dhabi

Based on Department of Health - Abu Dhabi data, May 2019

### 3.2.9 Deaths by Citizenship, Region and Gender, 2018

(Deaths)

Citizenship, Region and Gender	Males	Females	Not stated	Total
<b>Grand Total</b>	<b>2,333</b>	<b>1,036</b>	<b>38</b>	<b>3,407</b>
Abu Dhabi Region	1,503	680	34	2,217
Al Ain Region	738	346	2	1,086
Al Dhafra Region	92	10	2	104
<b>Citizens</b>	<b>754</b>	<b>463</b>	<b>-</b>	<b>1,217</b>
Abu Dhabi Region	481	315	-	796
Al Ain Region	258	143	-	401
Al Dhafra Region	15	5	-	20
<b>Non-Citizens</b>	<b>1,565</b>	<b>570</b>	<b>2</b>	<b>2,137</b>
Abu Dhabi Region	1,009	363	-	1,372
Al Ain Region	479	202	1	682
Al Dhafra Region	77	5	1	83
Not Stated	14	3	36	53

Source: Department of Health - Abu Dhabi

Based on Department of Health - Abu Dhabi data, May 2019

3.2.10 Crude Death Rate by Citizenship and Gender, Abu Dhabi Emirate

(Deaths per 1000 Population)

Citizenship and Gender	2010	2016	2017	2018
<b>Grand Total</b>	<b>1.4</b>	<b>1.1</b>	<b>1.1</b>	<b>1.2</b>
Males	1.4	1.2	1.2	1.4
Females	1.3	1.0	0.9	1.0
<b>Citizens</b>	<b>2.2</b>	<b>2.0</b>	<b>2.0</b>	<b>2.1</b>
Males	2.5	2.4	2.4	2.5
Females	1.8	1.6	1.6	1.6
<b>Non-Citizens</b>	<b>1.1</b>	<b>0.9</b>	<b>0.9</b>	<b>1.0</b>
Males	1.2	1.0	1.0	1.1
Females	1.0	0.7	0.7	0.7

Source: Statistics Centre - Abu Dhabi

Based on Department of Health - Abu Dhabi data, May 2019

3.2.11 Crude Death Rate by Citizenship, Gender and Region, 2018

(Deaths per 1000 Population)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
<b>Grand Total</b>	<b>1.3</b>	<b>1.4</b>	<b>0.4</b>	<b>1.2</b>
Males	1.5	1.7	0.4	1.4
Females	1.0	1.1	0.2	1.0
<b>Citizens</b>	<b>2.5</b>	<b>1.6</b>	<b>0.6</b>	<b>2.1</b>
Males	3.0	2.1	0.7	2.5
Females	2.0	1.2	0.4	1.6
<b>Non-Citizens</b>	<b>1.0</b>	<b>1.3</b>	<b>0.3</b>	<b>1.0</b>
Males	1.2	1.5	0.3	1.1
Females	0.7	1.0	0.1	0.7

Source: Statistics Centre - Abu Dhabi

Based on Department of Health - Abu Dhabi data, May 2019

3.2.12 Age Specific Death Rate by Age Group and Gender, 2018

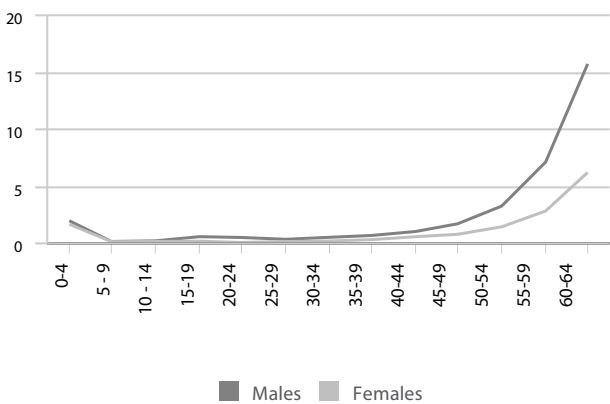
(Deaths per 1000 Population)

Age Group	Males	Females	Total
Total	1.4	1.0	1.2
0-4	2.0	1.7	1.9
5-9	0.2	0.2	0.2
10-14	0.2	0.2	0.2
15-19	0.6	0.2	0.4
20-24	0.5	0.1	0.3
25-29	0.4	0.2	0.3
30-34	0.5	0.2	0.4
35-39	0.7	0.3	0.6
40-44	1.0	0.6	0.9
45-49	1.7	0.8	1.4
50-54	3.3	1.5	2.6
55-59	7.1	2.8	5.4
60-64	15.7	6.2	11.1
65-69	27.3	15.0	20.9
70-74	43.3	21.3	32.1
75-79	69.9	45.3	56.5
80+	129.2	107.3	117.5

Source: Statistics Centre - Abu Dhabi  
Based on Department of Health - Abu Dhabi data, May 2019

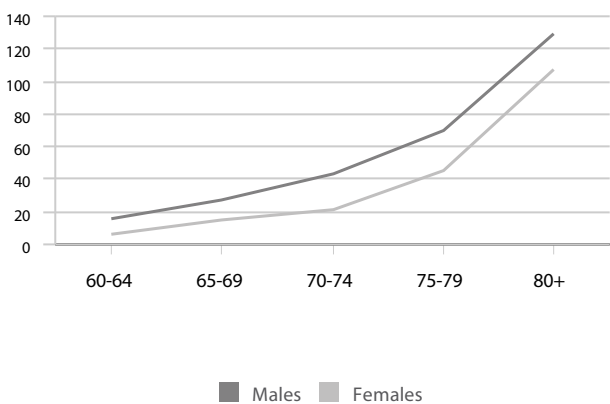


**Figure 3.2.2 Age Specific Deaths Rate (Deaths per 1000 Population) for 0 to 64 Years by Gender, 2018**



Source: Statistics Centre - Abu Dhabi

**Figure 3.2.3 Age Specific Deaths Rate for 65 Years and Older by Gender, 2018**



Source: Statistics Centre - Abu Dhabi

3.2.13 Deaths by Region, Citizenship, Gender and Age at Death, 2018

(Deaths)

Region, Citizenship and Gender	Deaths (All Ages)	Neonatal Deaths (Below 1 Month)	Infant Deaths (Under 1 Year)	Child Deaths (1-4 Years)
<b>Abu Dhabi Emirate</b>	<b>3,407</b>	<b>172</b>	<b>245</b>	<b>85</b>
Abu Dhabi Region	2,217	106	155	52
Al Ain Region	1,086	61	85	33
Al Dhafra Region	104	5	5	0
<b>Citizenship</b>				
Citizens	1,217	91	126	49
Non-Citizens	2,137	74	111	33
Not Stated	53	7	8	3
<b>Gender</b>				
Males	2,333	102	138	45
Females	1,036	66	103	37
Not Stated	38	4	4	3

Source: Department of Health - Abu Dhabi  
Based on Department of Health - Abu Dhabi data, May 2019

3.2.14 Infant Mortality Rate (Under 1 Year) by Citizenship, Gender and Region, 2018

(Deaths per 1000 Live Births)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region*	Abu Dhabi Emirate
<b>Grand Total</b>	<b>6.2</b>	<b>6.9</b>	<b>-</b>	<b>6.4</b>
Males	6.6	8.2	-	7.1
Females	5.8	5.5	-	5.5
<b>Citizens</b>	<b>7.4</b>	<b>7.0</b>	<b>-</b>	<b>7.2</b>
Males	8.1	9.0	-	8.5
Females	6.7	4.8	-	5.8
<b>Non- Citizen</b>	<b>5.2</b>	<b>6.4</b>	<b>-</b>	<b>5.4</b>
Males	5.2	6.7	-	5.5
Females	5.2	6.0	-	5.2

Source: Statistics Centre - Abu Dhabi  
Based on Department of Health - Abu Dhabi data, May 2019  
\* Specific values for Al Dhafra Region Region are excluded due to technical issues, however are included in totals.

### 3.2.15 Child Mortality Rate (Under 5 Years) by Citizenship, Gender and Region, 2018

(Deaths per 1000 Live Births)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region *	Abu Dhabi Emirate
<b>Grand Total</b>	<b>8.3</b>	<b>9.6</b>	<b>-</b>	<b>8.6</b>
Males	8.5	11.6	-	9.4
Females	7.9	7.5	-	7.5
<b>Citizens</b>	<b>10.4</b>	<b>9.9</b>	<b>-</b>	<b>10.0</b>
Males	10.8	12.4	-	11.4
Females	9.9	7.2	-	8.5
<b>Non-Citizens</b>	<b>6.6</b>	<b>8.8</b>	<b>-</b>	<b>7.0</b>
Males	6.5	10.1	-	7.3
Females	6.6	7.5	-	6.6

Source: Statistics Centre - Abu Dhabi

Based on Department of Health - Abu Dhabi data, May 2019

\* Specific values for Al Dhafra Region are excluded due to technical issues, however are included in totals.

### 3.2.16 Rate of Natural Increase by Citizenship and Region, 2018

(Per 100 Population)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
<b>Total</b>	<b>1.3</b>	<b>1.5</b>	<b>0.4</b>	<b>1.3</b>
Citizens	2.8	2.7	1.3	2.7
Non-Citizens	0.9	0.9	0.3	0.9

Source: Statistics Centre - Abu Dhabi

Based on Department of Health - Abu Dhabi data, May 2019

### 3.2.17 Life Expectancy at Birth for Citizens by Gender

(Years)

Year	2015	2016	2017	2018
<b>Citizens</b>	<b>77.0</b>	<b>77.3</b>	<b>78.2</b>	<b>78.0</b>
Males	76.0	75.9	76.4	75.4
Females	79.8	79.5	80.2	81.4

Source: Statistics Centre - Abu Dhabi

Based on life table calculated with 5-year averages using the Lee-Carter Method and data of deaths 2018 from Department of Health - Abu Dhabi, May 2019

### 3.2.18 Births Surviving to Age 65 Years for Citizens by Gender

(%)

Year	2015	2016	2017	2018
<b>Citizens</b>	<b>87.9</b>	<b>88.3</b>	<b>89.1</b>	<b>88.8</b>
Males	85.3	85.8	86.7	86.1
Females	91.0	91.3	92.4	92.0

Source: Statistics Centre - Abu Dhabi

Based on life table calculated with 5-year averages using the Lee-Carter Method and data of deaths 2018 from Department of Health - Abu Dhabi, May 2019

### 3.2.19 Individuals Aged 15 Who Will Survive to Age 60 Years for Citizens by Gender

(%)

Year	2015	2016	2017	2018
<b>Citizens</b>	<b>92.8</b>	<b>93.1</b>	<b>93.6</b>	<b>93.6</b>
Males	90.8	91.1	91.7	91.5
Females	95.1	95.3	96.4	95.8

Source: Statistics Centre - Abu Dhabi

Based on life table calculated with 5-year averages using the Lee-Carter Method and data of deaths 2018 from Department of Health - Abu Dhabi, May 2019

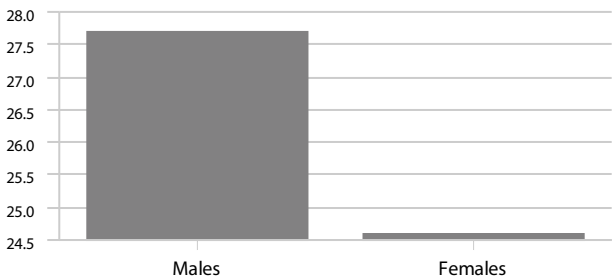
# Marriage and Divorce

Marriages are measured as the number of registered marriage contracts. According to Emirate of Abu Dhabi - Judicial Department statistics there were 5,467 new marriage contracts registered in 2018 and 3,028 of these marriages the wife was an Emirati citizen.

The median age at marriage for Abu Dhabi Emirate in 2018 was 29.1 years for males and 26.1 years for females.

Divorces are measured as the number of marriage dissolutions granted by Emirate of Abu Dhabi - Judicial Department. The number of divorces during 2018 was 2,025 of which 1,047 divorces involved female Emirati citizens.

**Figure 3.2.4 Median Age at Marriage for Citizens by Gender, 2018**



Source: Statistics Centre - Abu Dhabi

### 3.2.20 Registered Marriages by Region, Citizenship and Gender

(Marriage Contracts)

Region, Citizenship and Gender	2015	2016	2017	2018
<b>Abu Dhabi Emirate</b>	<b>6,037</b>	<b>5,892</b>	<b>5,703</b>	<b>5,467</b>
<b>Citizens</b>				
Males	3,789	3,698	3,718	3,477
Females	3,403	3,327	3,254	3,028
<b>Non-Citizens</b>				
Males	2,248	2,194	1,985	1,990
Females	2,634	2,565	2,449	2,439
<b>Abu Dhabi Region</b>	<b>3,557</b>	<b>3,410</b>	<b>3,349</b>	<b>3,237</b>
<b>Citizens</b>				
Males	1,973	1,906	1,944	1,844
Females	1,712	1,668	1,628	1,538
<b>Non-Citizens</b>				
Males	1,584	1,504	1,405	1,393
Females	1,845	1,742	1,721	1,699
<b>Al Ain Region</b>	<b>2,273</b>	<b>2,299</b>	<b>2,138</b>	<b>2,013</b>
<b>Citizens</b>				
Males	1,631	1,653	1,589	1,447
Females	1,525	1,519	1,456	1,319
<b>Non-Citizens</b>				
Males	642	646	549	566
Females	748	780	682	694
<b>Al Dhafra Region</b>	<b>207</b>	<b>183</b>	<b>216</b>	<b>217</b>
<b>Citizens</b>				
Males	185	139	185	186
Females	166	140	170	171
<b>Non-Citizens</b>				
Males	22	44	31	31
Females	41	43	46	46

Source: Emirate of Abu Dhabi - Judicial Department

Based on Judicial department - Abu Dhabi data, May 2019

### 3.2.21 Median Age at Marriage by Citizenship, Gender and Region, 2018

(Years)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
<b>Grand Total</b>				
Males	29.9	28.0	28.1	29.1
Females	26.9	25.0	24.8	26.1
<b>Citizens</b>				
Males	28.3	27.1	28.0	27.7
Females	25.0	24.2	24.8	24.6
<b>Non-Citizens</b>				
Males	31.5	30.2	29.2	31.1
Females	28.2	26.8	24.3	27.8

Source: Statistics Centre - Abu Dhabi

Based on Judicial department - Abu Dhabi data, May 2019

### 3.2.22 Crude Marriage Rate by Citizenship, Gender and Region, 2018

(Per 1000 Population)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Male Citizens	11.6	11.8	9.2	11.5
Female Citizens	9.9	10.8	13.9	10.4
Male Non-Citizens	1.6	1.8	0.1	1.4
Female Non-Citizens	3.1	3.5	1.3	3.1

Source: Statistics Centre - Abu Dhabi

Based on Judicial department - Abu Dhabi data, May 2019

**3.2.23 General Marriage Rates by Citizenship, Gender and Region, 2018**

*(Per 1000 Population 15 Years and older)*

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Male Citizens	19.1	19.5	12.8	18.8
Female Citizens	15.4	17.6	22.9	16.6
Male Non-Citizens	1.8	2.0	0.1	1.6
Female Non-Citizens	3.6	4.2	1.6	3.7

Source: Statistics Centre - Abu Dhabi  
Based on Judicial department - Abu Dhabi data, May 2019

**3.2.24 Refined Marriage Rates by Citizenship, Gender and Region, 2018**

*(Per 1000 unmarried Population 15 Years and older)*

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Male Citizens	49.1	49.4	45.6	49.0
Female Citizens	36.4	38.4	60.4	38.1
Male Non-Citizens	5.6	6.0	0.5	4.9
Female Non-Citizens	10.0	10.1	4.7	9.8

Source: Statistics Centre - Abu Dhabi  
Based on Judicial department - Abu Dhabi data, May 2019



### 3.2.25 Registered Divorces by Region, Citizenship and Gender

(Registered Divorces)

Region, Citizenship and Gender	2015	2016	2017	2018
<b>Abu Dhabi Emirate</b>	<b>1,813</b>	<b>1,922</b>	<b>1,859</b>	<b>2,025</b>
<b>Citizens</b>				
Males	1,090	1,200	1,228	1,321
Females	865	978	981	1,047
<b>Non-Citizens</b>				
Males	723	722	631	704
Females	948	944	878	978
<b>Abu Dhabi Region</b>	<b>1,205</b>	<b>1,276</b>	<b>1,243</b>	<b>1,347</b>
<b>Citizens</b>				
Males	679	733	781	811
Females	534	603	617	622
<b>Non-Citizens</b>				
Males	526	543	462	536
Females	671	673	626	725
<b>Al Ain Region</b>	<b>545</b>	<b>579</b>	<b>560</b>	<b>606</b>
<b>Citizens</b>				
Males	359	413	402	456
Females	291	331	332	383
<b>Non-Citizens</b>				
Males	186	166	158	150
Females	254	248	228	223
<b>Al Dhafra Region</b>	<b>63</b>	<b>67</b>	<b>56</b>	<b>72</b>
<b>Citizens</b>				
Males	52	54	45	54
Females	39	44	32	42
<b>Non-Citizens</b>				
Males	11	13	11	18
Females	24	23	24	30

Source: Emirate of Abu Dhabi - Judicial Department

Based on Judicial department - Abu Dhabi data, May 2019

### 3.2.26 Crude Divorce Rate by Citizenship, Gender and Region, 2018

(Per 1000 Population)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Male Citizens	5.1	3.7	2.7	4.4
Female Citizens	4.0	3.1	3.4	3.5
Male Non-Citizens	0.6	0.5	0.1	0.5
Female Non-Citizens	1.3	1.1	0.9	1.2

Source: Statistics Centre - Abu Dhabi

Based on Judicial department - Abu Dhabi data, May 2019

### 3.2.27 General Divorce Rate by Citizenship, Gender and Region, 2018

(Per 1000 Population 15 Years and older)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Male Citizens	8.4	6.1	3.7	7.1
Female Citizens	6.2	5.1	5.6	5.8
Male Non-Citizens	0.7	0.5	0.1	0.6
Female Non-Citizens	1.5	1.4	1.1	1.5

Source: Source : Statistics Centre - Abu Dhabi

Based on Judicial department - Abu Dhabi data, May 2019

### 3.2.28 Refined Divorce Rate by Citizenship, Gender and Region, 2018

(Per 1000 married Population 15 Years and older)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Male Citizens	13.7	10.1	5.2	11.5
Female Citizens	10.8	9.4	9.1	10.2
Male Non-Citizens	1.0	0.8	0.1	0.8
Female Non-Citizens	2.4	2.4	1.6	2.4

Source: Statistics Centre - Abu Dhabi

Based on Judicial department - Abu Dhabi data, May 2019





## 4. Social

- Education
- Health
- Social Welfare
- Culture and Heritage

# 4. Social

Social development represents a significant objective and driving motivation behind policies and initiatives pursued by Abu Dhabi government. Key elements of the Emirate's vision for the social development describe a society characterized by the provision of world-class healthcare, education and other services that lead to a safe and secure society and the preservation of cultural heritage of Abu Dhabi, where individuals are valued and their unique skills and contributions are ethically leveraged toward achieving a better quality of life for all.

This chapter provides a range of statistics that demonstrate progress towards positive outcomes in education, health, social welfare and culture and heritage.

2018	Schools	452
	Pupils	377,919
	Pupils per Teacher	12.8
	Hospital	61
	Physicians per 1000 populations	3.5
	Visitors of Museums	1,226,087
	Benefits of Social Aid Paid (million AED)	902.3

## 4.1. Education

Abu Dhabi has had remarkable achievements in the education sector, and has spared no effort in its endeavor to ensure the availability of high quality educational infrastructure of schools, adult education centers, colleges, institutes and universities and qualified teachers in the government and private sectors.

This section provides detailed statistics on education for the academic year 2017-18. The total number of schools in Abu Dhabi Emirate was 452 of which 255 were government schools and 197 were private schools, comprising 16,258 classrooms. In these schools there were 373,919 pupils, 29,486 teachers and 12,513 administrators. The number of pupils per teacher was 12.8 and the number of pupils per classroom was 23.2.

In the school year in 2017-18, 36.0% of pupils were enrolled in government education, while 58.9% of them were enrolled in private education, up from 58.9% in 2010-11 to 64.0 in 2017-18 . The number of female pupils per 100 male pupils in all education stages for the Abu Dhabi Emirate was 96.1.

The number of Emirati pupils enrolled up to the secondary stage was 172,193, representing 45.6% of all pupils. The school gross enrolment ratio for 2017-18 was 105.1% in the first education cycle, 90.7 % in the second cycle and 81.5% in secondary Stage.

Progression ratios to secondary school were 97.0% for both genders (97.5% for males and 96.5% for females). 22,003 students progressed to secondary school in 2017-18, up 3.0% compared with the previous year.

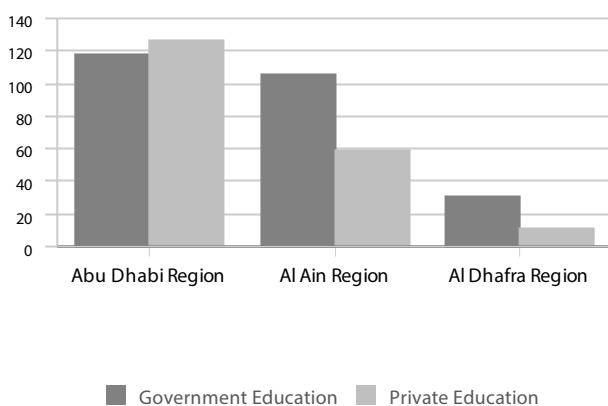
There were 7,978 students enrolled in literacy and adult education centers and home schooling, of which 61.7% were citizens. This type of education employed 219 teachers, including 64.8 citizens.

Total enrolments in higher education were 59,546 in the academic year 2017-18, of which 74.0% were citizens. 11,441 students graduated from higher education, of whom 60.9% were graduates from the government universities and institutions, and 67.7% were citizen graduates.

#### 4.1.1 Key Education Statistics

2018	<b>Government Education</b>	
	Schools	255
	Classrooms	5,901
	Pupils	135,865
	Teachers	11,293
	Administrators	3,931
	<b>Private Education</b>	
	Schools	197
	Classrooms	10,357
	Pupils	242,054
	Teachers	18,193
	Administrators	8,582
	<b>Total Education</b>	
	Pupils per teacher	12.8
	Pupils per classroom	23.2
	Gross Enrollment ratio, first cycle ( 5 years primary education stage)	98.8

**Figure 4.1.1 Number of Schools by Region and Sector, 2017-18**



Source: Statistics Centre - Abu Dhabi, Department of Education and Knowledge

#### 4.1.1 Government and Private Schools by Educational Stage, 2017-18

Stage	Government	Private	Total
<b>Total</b>	<b>255</b>	<b>197</b>	<b>452</b>
Kindergarten	54	-	54
Cycle1	59	-	59
Cycle2	40	-	40
Secondary	28	-	28
Multi-Stage	74	197	271

Source: Department of Education and Knowledge

#### 4.1.2 Higher Education Institutions by Type and Sector

Type	2014-15	2015-16	2016-17	2017-18
<b>Total</b>	<b>24</b>	<b>24</b>	<b>22</b>	<b>24</b>
Government	14	14	12	12
Private	10	10	10	12

Source: Department of Education and Knowledge

#### 4.1.3 Government and Private Classrooms by Educational Stage, 2017-18

Stage	Government	Private	Total
<b>Total</b>	<b>5901</b>	<b>10357</b>	<b>16258</b>
Kindergarten	875	1963	2838
Cycle1	2247	4201	6448
Cycle2	1542	2654	4196
Secondary	1237	1539	2776

Source: Department of Education and Knowledge



#### 4.1.4 Government and Private Pupils by Educational Stage, 2017-18

Stage	Government	Private	Total
<b>Total</b>	<b>135865</b>	<b>242054</b>	<b>377919</b>
Kindergarten	19877	44317	64194
Cycle1	50287	104831	155118
Cycle2	39037	60982	100019
Secondary	26664	31924	58588

Source: Department of Education and Knowledge

#### 4.1.5 Schools, Classrooms, pupils, Teachers and Administrators in Government and Private Education\*

Item	2014-15	2015-16	2016-17	2017-18
<b>Total Education</b>				
Schools	444	442	441	452
Classrooms	16,004	17,118	16,712	16,258
Pupils	351,501	366,029	373,586	377,919
Teachers	23,571	23,745	26,953	29,486
Administrators	10,171	10,265	12,145	12,513
<b>Government Education</b>				
Schools	256	255	250	255
Classrooms	5,511	5,646	5,707	5,901
Pupils	127,698	129,794	132,098	135,865
Teachers	11,288	11,786	11,430	11,293
Administrators	3,665	3,872	3,973	3,931
<b>Private Education</b>				
Schools	188	187	191	197
Classrooms	10,493	11,472	11,005	10,357
Pupils	223,803	236,235	241,488	242,054
Teachers	12,283	11,959	15,523	18,193
Administrators	6,506	6,393	8,172	8,582

Source: Department of Education and Knowledge

\* Table comprises all stages

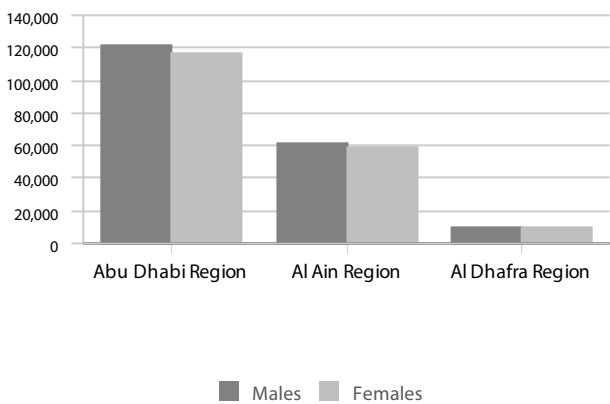
#### 4.1.6 Pupils, Teachers and Administrators by Region, Gender and Sector, 2017-18\*

Region, Gender and Sector	Pupils	Teachers	Administrators
<b>Total Education</b>			
<b>Abu Dhabi Emirate</b>	<b>377919</b>	<b>29486</b>	<b>12513</b>
Males	192679	7053	4071
Females	185240	22433	8442
<b>Abu Dhabi Region</b>	<b>237477</b>	<b>17985</b>	<b>7569</b>
Males	121157	3968	2518
Females	116320	14017	5051
<b>Al Ain Region</b>	<b>120286</b>	<b>9675</b>	<b>4272</b>
Males	61098	2513	1354
Females	59188	7162	2918
<b>Al Dhafra Region</b>	<b>20156</b>	<b>1826</b>	<b>672</b>
Males	10424	572	199
Females	9732	1254	473
<b>Government Education</b>			
<b>Abu Dhabi Emirate</b>	<b>135865</b>	<b>11293</b>	<b>3931</b>
Males	65134	3286	893
Females	70731	8007	3038
<b>Abu Dhabi Region</b>	<b>68203</b>	<b>5246</b>	<b>1847</b>
Males	32791	1499	441
Females	35412	3747	1406
<b>Al Ain Region</b>	<b>57501</b>	<b>4979</b>	<b>1742</b>
Males	27372	1422	362
Females	30129	3557	1380
<b>Al Dhafra Region</b>	<b>10161</b>	<b>1068</b>	<b>342</b>
Males	4971	365	90
Females	5190	703	252
<b>Private Education</b>			
<b>Abu Dhabi Emirate</b>	<b>242054</b>	<b>18193</b>	<b>8582</b>
Males	127545	3767	3178
Females	114509	14426	5404
<b>Abu Dhabi Region</b>	<b>169274</b>	<b>12739</b>	<b>5722</b>
Males	88366	2469	2077
Females	80908	10270	3645
<b>Al Ain Region</b>	<b>62785</b>	<b>4696</b>	<b>2530</b>
Males	33726	1091	992
Females	29059	3605	1538
<b>Al Dhafra Region</b>	<b>9995</b>	<b>758</b>	<b>330</b>
Males	5453	207	109
Females	4542	551	221

Source: Department of Education and Knowledge

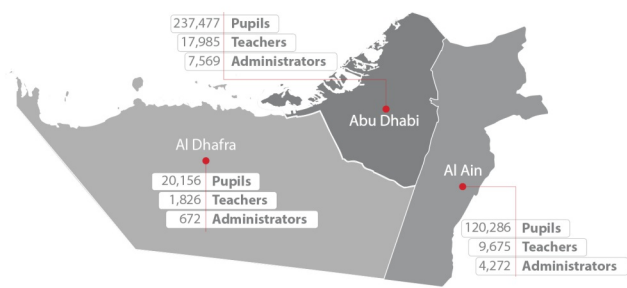
\* Table comprises all stages

**Figure 4.1.2 Pupils by Region and Gender in Government and Private Education, 2017-18**



Source: Department of Education and Knowledge

**Figure 4.1.3 Pupils, Teachers and Administrators in Government Schools by Region, 2017-2018**



#### 4.1.7 Pupils in Government and Private Schools by Educational Stage and Gender and Females per 100 Males, 2017-18

Stage	Males	Females	Total	Females per 100 Males
<b>Total Education</b>	<b>192679</b>	<b>185240</b>	<b>377919</b>	<b>96.1</b>
Kindergarten	32789	31405	64194	95.8
Cycle1	79564	75554	155118	95.0
Cycle2	50860	49159	100019	96.7
Secondary	29466	29122	58588	98.8
<b>Government Education</b>	<b>65134</b>	<b>70731</b>	<b>135865</b>	<b>108.6</b>
Kindergarten	9873	10004	19877	101.3
Cycle1	24166	26121	50287	108.1
Cycle2	18469	20568	39037	111.4
Secondary	12626	14038	26664	111.2
<b>Private Education</b>	<b>127545</b>	<b>114509</b>	<b>242054</b>	<b>89.8</b>
Kindergarten	22916	21401	44317	93.4
Cycle1	55398	49433	104831	89.2
Cycle2	32391	28591	60982	88.3
Secondary	16840	15084	31924	89.6

Source: Statistics Centre - Abu Dhabi, Department of Education and Knowledge

#### 4.1.8 Percent of Pupils in Government Schools by Region, Citizenship, Gender and Educational Stage, 2017-18\*

(%)

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
<b>Abu Dhabi Emirate</b>	<b>32.4</b>	<b>39.0</b>	<b>45.5</b>	<b>36.0</b>
Males	30.4	36.3	42.8	33.8
Females	34.6	41.8	48.2	38.2
<b>Citizens</b>	<b>58.8</b>	<b>66.2</b>	<b>72.6</b>	<b>62.9</b>
Males	54.8	61.4	68.8	59.1
Females	62.8	71.1	76.2	66.8
<b>Non-Citizens</b>	<b>11.3</b>	<b>16.0</b>	<b>22.3</b>	<b>13.4</b>
Males	11.2	15.5	21.6	13.1
Females	11.4	16.5	23.0	13.7
<b>Abu Dhabi Region</b>	<b>26.0</b>	<b>31.5</b>	<b>37.2</b>	<b>28.7</b>
Males	24.3	29.8	34.9	27.1
Females	27.7	33.4	39.5	30.4
<b>Citizens</b>	<b>54.1</b>	<b>60.2</b>	<b>66.9</b>	<b>57.5</b>
Males	50.5	56.1	63.0	54.0
Females	57.9	64.4	70.6	61.0
<b>Non-Citizens</b>	<b>7.7</b>	<b>10.9</b>	<b>15.8</b>	<b>9.0</b>
Males	7.6	10.7	15.3	8.9
Females	7.7	11.0	16.2	9.2
<b>Al Ain Region</b>	<b>43.7</b>	<b>51.1</b>	<b>55.7</b>	<b>47.8</b>
Males	41.0	46.9	51.8	44.8
Females	46.4	55.3	59.7	50.9
<b>Citizens</b>	<b>65.7</b>	<b>74.9</b>	<b>78.5</b>	<b>70.3</b>
Males	61.9	69.5	74.5	66.4
Females	69.5	80.1	82.3	74.1
<b>Non-Citizens</b>	<b>16.4</b>	<b>22.4</b>	<b>28.1</b>	<b>19.2</b>
Males	15.9	21.4	26.0	18.4
Females	16.8	23.6	30.4	20.1
<b>Al Dhafra Region</b>	<b>42.7</b>	<b>53.8</b>	<b>75.4</b>	<b>50.4</b>
Males	39.3	50.1	74.2	47.7
Females	46.3	57.6	76.6	53.3
<b>Citizens</b>	<b>56.8</b>	<b>68.6</b>	<b>89.3</b>	<b>66.5</b>
Males	48.8	62.1	87.7	60.5
Females	65.5	75.4	90.8	72.9
<b>Non-Citizens</b>	<b>32.7</b>	<b>44.4</b>	<b>66.2</b>	<b>39.1</b>
Males	32.7	42.5	66.3	38.9
Females	32.7	46.4	66.0	39.4

Source: Statistics Centre - Abu Dhabi, Department of Education and Knowledge

\* Excluding Kindergarten Pupils

#### 4.1.9 Percent of Pupils in Private Schools by Region, Citizenship, Gender and Educational Stage, 2017-18\*

(%)

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
<b>Abu Dhabi Emirate</b>	<b>67.6</b>	<b>61.0</b>	<b>54.5</b>	<b>64.0</b>
Males	69.6	63.7	57.2	66.2
Females	65.4	58.2	51.8	61.8
<b>Citizens</b>	<b>41.2</b>	<b>33.8</b>	<b>27.4</b>	<b>37.1</b>
Males	45.2	38.6	31.2	40.9
Females	37.2	28.9	23.8	33.2
<b>Non-Citizens</b>	<b>88.7</b>	<b>84.0</b>	<b>77.7</b>	<b>86.6</b>
Males	88.8	84.5	78.4	86.9
Females	88.6	83.5	77.0	86.3
<b>Abu Dhabi Region</b>	<b>74.0</b>	<b>68.5</b>	<b>62.8</b>	<b>71.3</b>
Males	75.7	70.2	65.1	72.9
Females	72.3	66.6	60.5	69.6
<b>Citizens</b>	<b>45.9</b>	<b>39.8</b>	<b>33.1</b>	<b>42.5</b>
Males	49.5	43.9	37.0	46.0
Females	42.1	35.6	29.4	39.0
<b>Non-Citizens</b>	<b>92.3</b>	<b>89.1</b>	<b>84.2</b>	<b>91.0</b>
Males	92.4	89.3	84.7	91.1
Females	92.3	89.0	83.8	90.8
<b>Al Ain Region</b>	<b>56.3</b>	<b>48.9</b>	<b>44.3</b>	<b>52.2</b>
Males	59.0	53.1	48.2	55.2
Females	53.6	44.7	40.3	49.1
<b>Citizens</b>	<b>34.3</b>	<b>25.1</b>	<b>21.5</b>	<b>29.7</b>
Males	38.1	30.5	25.5	33.6
Females	30.5	19.9	17.7	25.9
<b>Non-Citizens</b>	<b>83.6</b>	<b>77.6</b>	<b>71.9</b>	<b>80.8</b>
Males	84.1	78.6	74.0	81.6
Females	83.2	76.4	69.6	79.9
<b>Al Dhafra Region</b>	<b>57.3</b>	<b>46.2</b>	<b>24.6</b>	<b>49.6</b>
Males	60.7	49.9	25.8	52.3
Females	53.7	42.4	23.4	46.7
<b>Citizens</b>	<b>43.2</b>	<b>31.4</b>	<b>10.7</b>	<b>33.5</b>
Males	51.2	37.9	12.3	39.5
Females	34.5	24.6	9.2	27.1
<b>Non-Citizens</b>	<b>67.3</b>	<b>55.6</b>	<b>33.8</b>	<b>60.9</b>
Males	67.3	57.5	33.7	61.1
Females	67.3	53.6	34.0	60.6

Source: Statistics Centre - Abu Dhabi, Department of Education and Knowledge

\* Excluding Kindergarten Pupils

#### 4.1.10 Ratio of Citizen Pupils to Non-Citizen Pupils by Region and Sector

(Citizen Pupils per 100 Non-Citizen Pupils)

Region and Sector	2014-15	2015-16	2016-17	2017-18
<b>Total Education</b>	<b>76.8</b>	<b>77.1</b>	<b>79.6</b>	<b>83.7</b>
Abu Dhabi Region	62.6	62.9	65.0	68.5
Al Ain Region	115.8	117.0	120.4	127.1
Al Dhafra Region	63.9	63.5	67.5	70.0
<b>Government Education</b>	<b>340.7</b>	<b>364.0</b>	<b>381.6</b>	<b>393.2</b>
Abu Dhabi Region	372.3	400.8	428.2	436.3
Al Ain Region	400.7	425.7	444.3	464.1
Al Dhafra Region	108.1	111.3	113.4	119.0
<b>Private Education</b>	<b>31.8</b>	<b>32.2</b>	<b>33.8</b>	<b>35.9</b>
Abu Dhabi Region	27.4	28.1	29.7	32.0
Al Ain Region	43.9	43.6	44.9	46.8
Al Dhafra Region	34.8	35.2	38.3	38.5

Source: Statistics Centre - Abu Dhabi, Department of Education and Knowledge

#### 4.1.11 The Determined ones in Government Education by Disability Type and Region, 2017-18

Disability Type	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Total
<b>Total</b>	<b>4927</b>	<b>3979</b>	<b>497</b>	<b>9403</b>
learning disabilities	2254	2477	390	5121
Visually impaired students	162	161	6	329
Students with hearing disabilities	218	185	25	428
Students of speech and language disorders	757	292	20	1069
Students with Physically disabled	585	358	22	965
Students with health problems	277	194	5	476
Emotional behavioral disability	132	68	3	203
Autism spectrum disorders	275	96	5	376
Intellectual disability and mental impairment	221	132	16	369
Other Disabilities	46	16	5	67

Source: Department of Education and Knowledge

#### 4.1.12 Teachers by Educational Stage and Gender in Government Education, 2017-18

Stage	Males	Females	Total
<b>Total</b>	<b>3286</b>	<b>8007</b>	<b>11293</b>
Kindergarten*	1	1175	1176
Cycle 1	354	2293	2647
Cycle 2	847	891	1738
Secondary	778	759	1537
Multi-Stage	1306	2889	4195

Source: Department of Education and Knowledge

\* All Kindergarten teachers are females



#### 4.1.13 Teachers by Region, Citizenship, Gender and Educational Stage in Government Education, 2017-18\*

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
<b>Abu Dhabi Emirate</b>	<b>2647</b>	<b>1738</b>	<b>1537</b>	<b>5922</b>
Males	354	847	778	1979
Females	2293	891	759	3943
<b>Citizens</b>	<b>1200</b>	<b>628</b>	<b>522</b>	<b>2350</b>
Males	58	143	69	270
Females	1142	485	453	2080
<b>Non-Citizens</b>	<b>1447</b>	<b>1110</b>	<b>1015</b>	<b>3572</b>
Males	296	704	709	1709
Females	1151	406	306	1863
<b>Abu Dhabi Region</b>	<b>1436</b>	<b>940</b>	<b>822</b>	<b>3198</b>
Males	208	509	462	1179
Females	1228	431	360	2019
<b>Citizens</b>	<b>659</b>	<b>277</b>	<b>187</b>	<b>1123</b>
Males	42	97	48	187
Females	617	180	139	936
<b>Non-Citizens</b>	<b>777</b>	<b>663</b>	<b>635</b>	<b>2075</b>
Males	166	412	414	992
Females	611	251	221	1083
<b>Al Ain Region</b>	<b>939</b>	<b>753</b>	<b>657</b>	<b>2349</b>
Males	109	293	258	660
Females	830	460	399	1689
<b>Citizens</b>	<b>482</b>	<b>351</b>	<b>335</b>	<b>1168</b>
Males	13	46	21	80
Females	469	305	314	1088
<b>Non-Citizens</b>	<b>457</b>	<b>402</b>	<b>322</b>	<b>1181</b>
Males	96	247	237	580
Females	361	155	85	601
<b>Al Dhafra Region</b>	<b>272</b>	<b>45</b>	<b>58</b>	<b>375</b>
Males	37	45	58	140
Females	235	0	0	235
<b>Citizens</b>	<b>59</b>	<b>0</b>	<b>0</b>	<b>59</b>
Males	3	0	0	3
Females	56	0	0	56
<b>Non-Citizens</b>	<b>213</b>	<b>45</b>	<b>58</b>	<b>316</b>
Males	34	45	58	137
Females	179	0	0	179

Source: Department of Education and Knowledge

\* Number of teachers does not include teachers in Kindergarten and Multi-Stage schools

#### 4.1.14 Teachers by Region,Citizenship and Gender in Private Education, 2017-18 \*

Region and Citizenship	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>3767</b>	<b>14426</b>	<b>18193</b>
Citizens	4	60	64
Non-Citizens	3763	14366	18129
<b>Abu Dhabi Region</b>	<b>2469</b>	<b>10270</b>	<b>12739</b>
Citizens	4	26	30
Non-Citizens	2465	10244	12709
<b>Al Ain Region</b>	<b>1091</b>	<b>3605</b>	<b>4696</b>
Citizens	0	10	10
Non-Citizens	1091	3595	4686
<b>Al Dhafra Region</b>	<b>207</b>	<b>551</b>	<b>758</b>
Citizens	0	24	24
Non-Citizens	207	527	734

Source: Department of Education and Knowledge

#### 4.1.15 Number of Pupils per Teacher by Region, Educational Stage and Gender in Government Education, 2017-18

Region and Stage	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>-</b>	<b>-</b>	<b>9.8</b>
Cycle1	-	-	8.0
Cycle2	11.9	9.7	10.9
Secondary	11.0	10.4	10.7
Multi-Stage	17.5	7.3	9.6
<b>Abu Dhabi Region</b>			
Cycle1	-	-	8.4
Cycle2	13.0	10.3	11.8
Secondary	11.3	10.9	11.1
Multi-Stage	18.9	8.0	10.5
<b>Al Ain Region</b>			
Cycle1	52.6	4.3	7.8
Cycle2	11.4	9.3	10.4
Secondary	11.1	9.9	10.5
Multi-Stage	19.5	6.6	9.1
<b>Al Dhafra Region</b>			
Cycle1	-	-	7.6
Cycle2	7.4	-	7.4
Secondary	8.2	-	8.2
Multi-Stage	8.9	7.4	8.0

Source: Statistics Centre - Abu Dhabi, Department of Education and Knowledge

\* In cycle 1, there are mixed classes with female teachers, so pupils per teacher by gender cannot be calculated

#### 4.1.16 Number of Pupils per Classroom and Number of Teachers per Classroom by Region and Educational Stage in Government Education, 2017-18\*

Region and Gender	Cycle 1	Cycle 2	Secondary	Total
<b>Abu Dhabi Emirate</b>				
Pupils/Classroom	22.4	25.3	21.6	23
Teachers/Classroom	1.2	1.1	1.2	1.9
<b>Abu Dhabi Region</b>				
Pupils/Classroom	23.3	26.7	24.1	24.3
Teachers/Classroom	1.3	1.3	1.5	1.9
<b>Al Ain Region</b>				
Pupils/Classroom	22.0	24.9	20.6	22.5
Teachers/Classroom	1	1.1	1.2	1.9
<b>Al Dhafra Region</b>				
Pupils/Classroom	19.1	20.1	15.7	18.8
Teachers/Classroom	1.5	0.3	0.4	2

Source: Statistics Centre - Abu Dhabi, Department of Education and Knowledge

\* Number of classrooms is not available in Multi-stage schools

#### 4.1.17 Pupils per Classroom by Region and Educational Stage in Private Education, 2017-18

Region	Cycle 1	Cycle 2	Secondary	Total
<b>Abu Dhabi Emirate</b>	<b>25.0</b>	<b>23.0</b>	<b>20.7</b>	<b>23.4</b>
Abu Dhabi Region	25.0	23.2	21.2	23.6
Al Ain Region	23.7	21.5	19.2	21.9
Al Dhafra Region	34.3	30.7	29.8	32.0

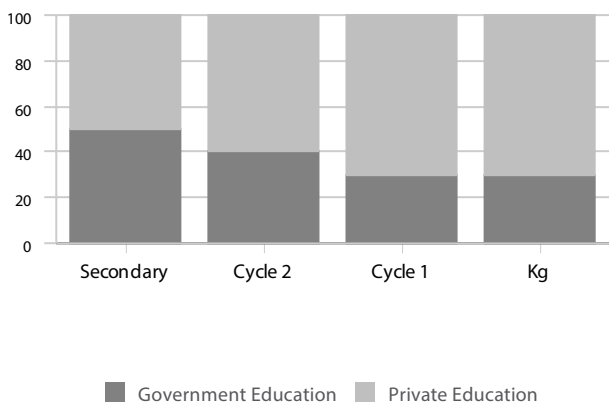
Source: Statistics Centre - Abu Dhabi, Department of Education and Knowledge

#### 4.1.18 Pupils per Teacher and Number of Teachers per Classroom by Region in Private Education, 2017-18

Region	Pupils per Teacher	Teachers per Classroom
<b>Abu Dhabi Emirate</b>	<b>13.3</b>	<b>1.8</b>
Abu Dhabi Region	13.3	1.8
Al Ain Region	13.2	1.6
Al Dhafra Region	13.4	2.4

Source: Statistics Centre - Abu Dhabi, Department of Education and Knowledge

**Figure 4.1.4 Percentage Distribution of Pupils by Sector & Stage, 2017-18**



Source: Statistics Centre - Abu Dhabi, Department of Education and Knowledge

## 4.1.2. Educational Enrollment Ratios

### 4.1.19 Gross Enrollment Ratio by Educational Stage and Gender, 2017-18

Stage	Males	Females	Total
Kindergarten	100.1	101.0	100.5
Grade 1	113.7	113.4	113.5
Cycle1	105.9	104.3	105.1
Cycle2	93.5	88.0	90.7
Secondary	94.8	71.3	81.5

Source: Statistics Centre - Abu Dhabi

### 4.1.20 Percent of Pupils Enrolled in Private Education to All Pupils by Region\* (%)

Region	2014-15	2015-16	2016-17	2017-18
<b>Abu Dhabi Emirate</b>	<b>63.7</b>	<b>64.5</b>	<b>64.6</b>	<b>64</b>
Abu Dhabi Region	70.3	71.3	71.6	71.3
Al Ain Region	53.3	53.5	53.3	52.2
Al Dhafra Region	49.6	52	50.4	49.6

Source: Statistics Centre - Abu Dhabi

\* Table comprises all stages

## 4.1.3. Progression

### 4.1.21 Percent of Progression to Secondary School by Gender, 2017-18

Stage	Males	Females	Both Genders
Class 10 (2017-18)	11091	10912	22003
Class 9 (2016-17)	11378	11311	22689
%	97.5	96.5	97.0

Source: Department of Education and Knowledge, Statistics Center- Abu Dhabi

## 4.1.4. Adult Education

### 4.1.22 Literacy Centres, Adult Education and Home Schooling by Type

Centers	2014-15	2015-16	2016-17	2017-18
<b>Total</b>	<b>102</b>	<b>96</b>	<b>108</b>	<b>132</b>
Family Development Centres	1	1	1	1
Home Schooling	34	28	28	33
	67	67	79	98

Source: Department of Education and Knowledge

### 4.1.23 Literacy Centres, Adult Education and Home Schooling by Region and Gender

Region and Gender	2014-15	2015-16	2016-17	2017-18
<b>Abu Dhabi Emirate</b>	<b>102</b>	<b>96</b>	<b>108</b>	<b>132</b>
Males	49	47	51	70
Females	53	49	57	62
<b>Abu Dhabi Region</b>	<b>26</b>	<b>24</b>	<b>37</b>	<b>57</b>
Males	13	12	17	35
Females	13	12	20	22
<b>Al Ain Region</b>	<b>50</b>	<b>47</b>	<b>46</b>	<b>49</b>
Males	23	23	22	22
Females	27	24	24	27
<b>Al Dhafra Region</b>	<b>26</b>	<b>25</b>	<b>25</b>	<b>26</b>
Males	13	12	12	13
Females	13	13	13	13

Source: Department of Education and Knowledge

#### 4.1.24 Pupils in Literacy Centres and Adult Education by Region, Citizenship, Gender and Stage, 2017-18

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
<b>Abu Dhabi Emirate</b>	<b>1097</b>	<b>724</b>	<b>956</b>	<b>2777</b>
Males	218	103	27	348
Females	879	621	929	2429
<b>Citizens</b>	<b>486</b>	<b>451</b>	<b>777</b>	<b>1714</b>
Males	88	80	26	194
Females	398	371	751	1520
<b>Non-Citizens</b>	<b>611</b>	<b>273</b>	<b>179</b>	<b>1063</b>
Males	130	23	1	154
Females	481	250	178	909
<b>Abu Dhabi Region</b>	<b>550</b>	<b>315</b>	<b>422</b>	<b>1287</b>
Males	92	39	10	141
Females	458	276	412	1146
<b>Citizens</b>	<b>221</b>	<b>210</b>	<b>329</b>	<b>760</b>
Males	15	35	9	59
Females	206	175	320	701
<b>Non-Citizens</b>	<b>329</b>	<b>105</b>	<b>93</b>	<b>527</b>
Males	77	4	1	82
Females	252	101	92	445
<b>Al Ain Region</b>	<b>431</b>	<b>312</b>	<b>445</b>	<b>1188</b>
Males	96	64	17	177
Females	335	248	428	1011
<b>Citizens</b>	<b>206</b>	<b>184</b>	<b>373</b>	<b>763</b>
Males	48	45	17	110
Females	158	139	356	653
<b>Non-Citizens</b>	<b>225</b>	<b>128</b>	<b>72</b>	<b>425</b>
Males	48	19	0	67
Females	177	109	72	358
<b>Al Dhafra Region</b>	<b>116</b>	<b>97</b>	<b>89</b>	<b>302</b>
Males	30	0	0	30
Females	86	97	89	272
<b>Citizens</b>	<b>59</b>	<b>57</b>	<b>75</b>	<b>191</b>
Males	25	0	0	25
Females	34	57	75	166
<b>Non-Citizens</b>	<b>57</b>	<b>40</b>	<b>14</b>	<b>111</b>
Males	5	0	0	5
Females	52	40	14	106

Source: Department of Education and Knowledge

#### 4.1.25 Pupils in Home Schooling by Region, Citizenship, Gender and Stage, 2017-18

Region, Citizenship and Gender	Cycle 2	Secondary	Total
<b>Abu Dhabi Emirate</b>	<b>1092</b>	<b>4109</b>	<b>5201</b>
Males	697	2819	3516
Females	395	1290	1685
<b>Citizens</b>	<b>698</b>	<b>3235</b>	<b>3933</b>
Males	499	2344	2843
Females	199	891	1090
<b>Non-Citizens</b>	<b>394</b>	<b>874</b>	<b>1268</b>
Males	198	475	673
Females	196	399	595
<b>Abu Dhabi Region</b>	<b>511</b>	<b>2356</b>	<b>2867</b>
Males	301	1612	1913
Females	210	744	954
<b>Citizens</b>	<b>318</b>	<b>1813</b>	<b>2131</b>
Males	209	1320	1529
Females	109	493	602
<b>Non-Citizens</b>	<b>193</b>	<b>543</b>	<b>736</b>
Males	92	292	384
Females	101	251	352
<b>Al Ain Region</b>	<b>463</b>	<b>1525</b>	<b>1988</b>
Males	309	1029	1338
Females	154	496	650
<b>Citizens</b>	<b>308</b>	<b>1232</b>	<b>1540</b>
Males	231	869	1100
Females	77	363	440
<b>Non-Citizens</b>	<b>155</b>	<b>293</b>	<b>448</b>
Males	78	160	238
Females	77	133	210
<b>Al Dhafra Region</b>	<b>118</b>	<b>228</b>	<b>346</b>
Males	87	178	265
Females	31	50	81
<b>Citizens</b>	<b>72</b>	<b>190</b>	<b>262</b>
Males	59	155	214
Females	13	35	48
<b>Non-Citizens</b>	<b>46</b>	<b>38</b>	<b>84</b>
Males	28	23	51
Females	18	15	33

Source: Department of Education and Knowledge



#### 4.1.26 Teachers in Literacy Centres and Adult Education by Region, Citizenship and Gender

Region,Citizenship and Gender	2014-15	2015-16	2016-17	2017-18
<b>Abu Dhabi Emirate</b>	<b>245</b>	<b>244</b>	<b>229</b>	<b>219</b>
Males	22	22	22	23
Females	223	222	207	196
<b>Citizens</b>	<b>163</b>	<b>163</b>	<b>148</b>	<b>142</b>
Males	5	6	6	7
Females	158	157	142	135
<b>Non-Citizens</b>	<b>82</b>	<b>81</b>	<b>81</b>	<b>77</b>
Males	17	16	16	16
Females	65	65	65	61
<b>Abu Dhabi Region</b>	<b>77</b>	<b>77</b>	<b>78</b>	<b>79</b>
Males	22	22	22	23
Females	55	55	56	56
<b>Citizens</b>	<b>52</b>	<b>53</b>	<b>55</b>	<b>56</b>
Males	5	6	6	7
Females	47	47	49	49
<b>Non-Citizens</b>	<b>25</b>	<b>24</b>	<b>23</b>	<b>23</b>
Males	17	16	16	16
Females	8	8	7	7
<b>Al Ain Region</b>	<b>83</b>	<b>81</b>	<b>67</b>	<b>61</b>
Males	0	0	0	0
Females	83	81	67	61
<b>Citizens</b>	<b>79</b>	<b>78</b>	<b>65</b>	<b>59</b>
Males	0	0	0	0
Females	79	78	65	59
<b>Non-Citizens</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>2</b>
Males	0	0	0	0
Females	4	3	2	2
<b>Al Dhafra Region</b>	<b>85</b>	<b>86</b>	<b>84</b>	<b>79</b>
Males	0	0	0	0
Females	85	86	84	79
<b>Citizens</b>	<b>32</b>	<b>32</b>	<b>28</b>	<b>27</b>
Males	0	0	0	0
Females	32	32	28	27
<b>Non-Citizens</b>	<b>53</b>	<b>54</b>	<b>56</b>	<b>52</b>
Males	0	0	0	0
Females	53	54	56	52

Source: Department of Education and Knowledge

## 4.1.5. Educational Attainment

### 4.1.27 Higher Education Students by Citizenship, Sector and Gender, 2017-18

Citizenship and Sector	Males	Females	Total
<b>Grand Total</b>	<b>21588</b>	<b>37958</b>	<b>59546</b>
Government	12548	28680	41228
Private	9040	9278	18318
<b>Citizens</b>	<b>15105</b>	<b>28987</b>	<b>44092</b>
Government	10160	24879	35039
Private	4945	4108	9053
<b>Non-Citizens</b>	<b>6483</b>	<b>8971</b>	<b>15454</b>
Government	2388	3801	6189
Private	4095	5170	9265

Source: Sources: Department of Education and Knowledge

### 4.1.28 Higher Education Graduates by Citizenship, Sector and Gender, 2017-18

Citizenship and Sector	Males	Females	Total
<b>Grand Total</b>	<b>4253</b>	<b>7188</b>	<b>11441</b>
Government	2156	4806	6962
Private	2097	2382	4479
<b>Citizens</b>	<b>2979</b>	<b>4761</b>	<b>7740</b>
Government	1573	3894	5467
Private	1406	867	2273
<b>Non-Citizens</b>	<b>1274</b>	<b>2427</b>	<b>3701</b>
Government	583	912	1495
Private	691	1515	2206

Source: Sources: Department of Education and Knowledge

#### 4.1.29 Illiteracy Rate Among Population (10 years and above) by Citizenship and Gender

(%)

Citizenship and Gender	2015	2016	2017	2018
<b>Grand Total</b>	<b>7.0</b>	<b>6.4</b>	<b>6.4</b>	<b>6.6</b>
Males	7.0	5.4	5.6	6.2
Females	6.9	8.4	7.8	7.2
<b>Citizens</b>	<b>5.2</b>	<b>4.6</b>	<b>4.2</b>	<b>4.1</b>
Males	3.0	2.6	2.3	2.2
Females	7.5	6.7	6.2	6.2
<b>Non-Citizens</b>	<b>7.4</b>	<b>6.7</b>	<b>6.8</b>	<b>7.1</b>
Males	7.6	5.8	6.1	6.9
Females	6.7	8.8	8.3	7.6

Source: Statistics Centre - Abu Dhabi

#### 4.1.30 Literacy Rate Among Population (10 years and above) by Citizenship and Gender

(%)

Citizenship and Gender	2015	2016	2017	2018
<b>Grand Total</b>	<b>93.0</b>	<b>93.6</b>	<b>93.6</b>	<b>93.4</b>
Males	93.0	94.6	94.4	93.8
Females	93.1	91.6	92.2	92.8
<b>Citizens</b>	<b>94.8</b>	<b>95.4</b>	<b>95.8</b>	<b>95.9</b>
Males	97.0	97.4	97.7	97.8
Females	92.5	93.3	93.8	93.8
<b>Non-Citizens</b>	<b>92.6</b>	<b>93.3</b>	<b>93.2</b>	<b>92.9</b>
Males	92.4	94.2	93.9	93.1
Females	93.3	91.2	91.7	92.4

Source: Statistics Centre - Abu Dhabi

#### 4.1.31 Illiteracy Rate Among Youth Population (15-24 years) by Citizenship and Gender

(%)

Citizenship and Gender	2015	2016	2017	2018
<b>Grand Total</b>	<b>4.7</b>	<b>4.4</b>	<b>3.9</b>	<b>5.0</b>
Males	5.4	3.5	3.1	4.6
Females	3.4	6.1	5.1	5.9
<b>Citizens</b>	<b>0.3</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>
Males	0.4	0.4	0.5	0.5
Females	0.3	0.3	0.4	0.4
<b>Non-Citizens</b>	<b>6.0</b>	<b>5.5</b>	<b>5.1</b>	<b>6.7</b>
Males	6.6	4.2	4.0	6.0
Females	4.7	8.2	6.9	7.7

Source: Statistics Centre - Abu Dhabi

#### 4.1.32 Literacy Rate Among Youth Population (15-24 years) by Citizenship and Gender

(%)

Citizenship and Gender	2015	2016	2017	2018
<b>Grand Total</b>	<b>95.3</b>	<b>95.6</b>	<b>96.1</b>	<b>95.0</b>
Males	94.6	96.5	96.9	95.4
Females	96.6	93.9	94.9	94.1
<b>Citizens</b>	<b>99.7</b>	<b>99.6</b>	<b>99.6</b>	<b>99.6</b>
Males	99.6	99.6	99.5	99.5
Females	99.7	99.7	99.6	99.6
<b>Non-Citizens</b>	<b>94.0</b>	<b>94.5</b>	<b>94.9</b>	<b>93.3</b>
Males	93.4	95.8	96.0	94.0
Females	95.3	91.8	93.1	92.3

Source: Statistics Centre - Abu Dhabi

#### 4.1.33 Percentage Distribution of Population (10 years and over) by Education Attainment and Gender, 2018

Education Attainment	Males	Females	Total
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Less than primary	14.5	16.6	15.3
Primary	19.1	14.6	17.5
Lower Secondary	24.6	16.1	21.5
Upper Secondary	16.1	17.7	16.7
Post-secondary	3.6	4.7	4.0
Bachelor	17.1	25.3	20.1
Higher Education	4.9	5.0	4.9
Unknown	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

#### 4.1.34 Percentage Distribution of Citizens Population (10 years and over) by Education Attainment and Gender, 2018

Education Attainment	Males	Females	Total
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Less than primary	8.1	15.1	11.6
Primary	15.1	15.5	15.3
Lower Secondary	21.3	18.6	19.9
Upper Secondary	29.6	27.2	28.4
Post-secondary	4.3	3.8	4.0
Bachelor	16.7	17.4	17.1
Higher Education	5.0	2.3	3.7
Unknown	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

**4.1.35 Percentage Distribution of Estimated Non-Citizens Population (10 years and over) by Education Attainment and Gender, 2018**

Education Attainment	Males	Females	Total
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Less than primary	15.6	17.1	16.1
Primary	19.8	14.3	18.0
Lower Secondary	25.2	15.3	21.9
Upper Secondary	13.8	14.5	14.0
Post-secondary	3.5	5.0	4.0
Bachelor	17.2	28.0	20.8
Higher Education	4.9	5.9	5.2
Unknown	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

## 4.2. Health

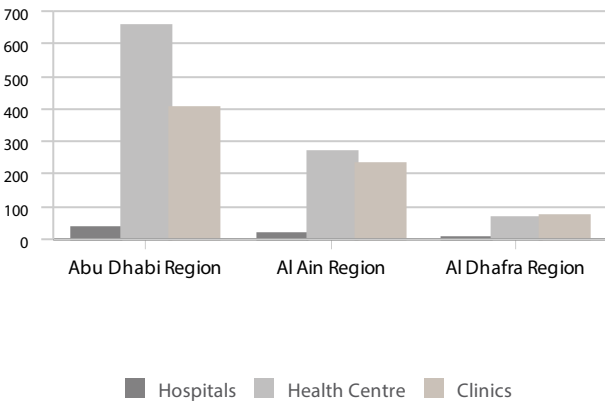
Health services in Abu Dhabi have experienced remarkable expansion and transformation over past years. This is most evident in the significant rise in the number of hospitals and other health facilities over this period. The number of hospitals grew to 61 in 2018, including new private hospitals opened in the region of Abu Dhabi. In general, the Emirate has also witnessed a remarkable increase in the number of health centres and clinics.

In 2018, there were 3.5 physicians per 1000 population, 9.9 nurses per 1000 population and 2.2 beds per 1000 population.

### 4.2.1 Key Health Statistics

2018	Physicians per 1000 populations	3.5
	Beds per 1000 populations	2.2
	Nurses per 1000 population	9.9
	Hospitals	61
	Hospital Beds	6,025
	Health centres	995
	Clinics	715
	Pharmacies	837
	Physicians	9,753
	Nurses	27,650

**Figure 4.2.1 Health Establishments by Type and Region, 2018**



Source: Statistics Centre - Abu Dhabi, Department of Health - Abu Dhabi

## 4.2.1 Summary of Government Health Statistics, 2015-2018

Details	2015	2016	2017	2018*
Hospitals	13	15	15	16
Beds	2,952	2,981	2,914	2,850
Patients Admitted	117,200	123,012	117,998	124,806
Doctors	2,534	2,506	2,549	2,556
Out - Patients	2,704,000	2,830,825	2,614,916	2,455,977

Source: Department of Health - Abu Dhabi

\* Preliminary Data

## 4.2.2 Hospitals by Region and Sector, 2015 - 2018

Region and Sector	2015	2016	2017	2018*
<b>Abu Dhabi Emirate</b>	<b>52</b>	<b>56</b>	<b>60</b>	<b>61</b>
Government	13	15	15	16
Private	39	41	45	45
Military*	-	-	-	-
<b>Abu Dhabi Region</b>	<b>32</b>	<b>34</b>	<b>38</b>	<b>38</b>
Government	4	6	6	7
Private	28	28	32	31
Military*	-	-	-	-
<b>Al Ain Region</b>	<b>13</b>	<b>15</b>	<b>15</b>	<b>16</b>
Government	3	3	3	3
Private	10	12	12	13
Military*	-	-	-	-
<b>Al Dhafra Region</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>
Government	6	6	6	6
Private	1	1	1	1
Military*	-	-	-	-

Source: Department of Health - Abu Dhabi

\*\* Preliminary Data

\* Military Hospitals are excluded since 2014



### 4.2.3 Health Establishments by Type and Region, 2015 - 2018

Region	2015	2016	2017	2018*
<b>Abu Dhabi Emirate</b>				
Hospitals	52	56	60	61
Health Centres	758	875	944	995
Clinics	423	449	700	715
<b>Abu Dhabi Region</b>				
Hospitals	32	34	38	38
Health Centres	521	592	633	658
Clinics	265	284	398	406
<b>Al Ain Region</b>				
Hospitals	13	15	15	16
Health Centres	189	225	246	271
Clinics	126	126	230	236
<b>Al Dhafra Region</b>				
Hospitals	7	7	7	7
Health Centres	48	58	65	66
Clinics	32	39	72	73

Source: Department of Health - Abu Dhabi

\* Preliminary Data

#### 4.2.4 Death Rate (Per 100,000 Population) by Causes of Death, 2018\*

Causes of Death	Rate
Diseases of the Circulatory System	41.4
External Causes of Morbidity and Mortality	16.3
Neoplasms	18.1
Diseases of the respiratory System	6.0
Certain conditions originating in the prenatal period	4.9
Certain Infectious and Parasitic Diseases	3.9
Injury, Poisoning and certain other consequences of external causes	3.1
Diseases of the digestive system	3.1
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified	3.6
Congenital Malformations, Deformations and Chromosomal	2.7
Endocrine, Nutritional and Metabolic diseases	2.1
Diseases of the genitourinary system	2.1
Diseases of the nervous system	1.6
Diseases of the musculoskeletal system and connective tissues	0.3
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	0.6
Factors influencing health status and contact with health services	0.3
Pregnancy, childbirth and the puerperium	0.1
Diseases of the skin and subcutaneous tissues	0.1
Mental and behavioral disorders	0.1
Diseases of the ear and mastoid process	0.0
NA	2.3

Source: Statistics Centre - Abu Dhabi, Department of Health - Abu Dhabi

\* Preliminary Data

#### 4.2.5 Clinicians Rate (Per 100,000 Population) by Region, 2015-2018

Region	2015	2016	2017	2018*
<b>Abu Dhabi Emirate</b>				
Physicians	304	309	326	350
Nurses	781	857	953	992
Dentists	56	60	66	77
<b>Abu Dhabi Region</b>				
Physicians	344	350	370	396
Nurses	886	977	1,089	1,127
Dentists	63	67	74	85
<b>Al Ain Region</b>				
Physicians	287	290	301	323
Nurses	742	803	890	955
Dentists	58	62	69	82
<b>Al Dhafra Region</b>				
Physicians	129	129	143	147
Nurses	312	328	340	300
Dentists	14	14	17	16

Source: Sources: Department of Health - Abu Dhabi , Statistics Centre - Abu Dhabi

\* Preliminary Data

#### 4.2.6 Notifications of Infectious Diseases, 2015-2018

Infectious Diseases	2015	2016	2017	2018*
<b>Total</b>	<b>18,547</b>	<b>24,270</b>	<b>34,770</b>	<b>34,766</b>
Seasonal Influenza	2847	6,774	15,994	14,222
Chickenpox	4,614	4,819	5,254	5,254
Scabies	1,579	1,907	2,111	2,110
Malaria	1,940	1,848	1,907	1,907
Other Food Poisoning	1,233	1392	1,526	1,526
Viral Hepatitis B	1121	1139	1,085	1,085
Viral Hepatitis C	776	851	829	829
Other STIs	572	728	1,267	1266
Pulmonary Tuberculosis	339	407	523	523
Viral Hepatitis A	173	318	189	189
Syphilis	271	317	256	256
Mumps	240	296	217	217
Scarlet Fever	319	271	285	285
Extra Pulmonary Tuberculosis	231	259	275	275
Typhoid Fever	275	251	188	188
Giardia Lambia	139	184	128	128
Gonorrhoea	110	154	183	183
Viral Meningitis	79	133	64	64
Brucellosis	75	118	91	91
Rubella	134	73	23	23
Measles	117	63	38	38
Whooping Cough	31	51	50	50
Acute Encephalitis	7	19	11	12
Other Viral Hepatitis	4	15	21	21
Corona Virus	28	14	12	12
Acute Flaccid Paralysis	6	8	9	9
Tetanus	0	5	1	1
Other	1,287	1,856	2,233	4,002

Source: Department of Health - Abu Dhabi

\*Preliminary Data

#### 4.2.7 Beds and Admissions in Government Hospitals by Region, 2015-2018

Region	2015	2016	2017	2018*
<b>Abu Dhabi Emirate</b>				
Beds	2,952	2,981	2,914	2,850
Patients Admitted	117,200	123,012	118,297	124,806
<b>Abu Dhabi Region</b>				
Beds	1,864	1,772	1,832	1,898
Patients Admitted	66,400	69,945	66,022	70,677
<b>Al Ain Region</b>				
Beds	838	864	802	732
Patients Admitted	42,100	43,632	42,840	42,934
<b>Al Dhafra Region</b>				
Beds	250	345	280	220
Patients Admitted	8,700	9,435	9,435	11,195

Source: Department of Health - Abu Dhabi

\* Preliminary Data

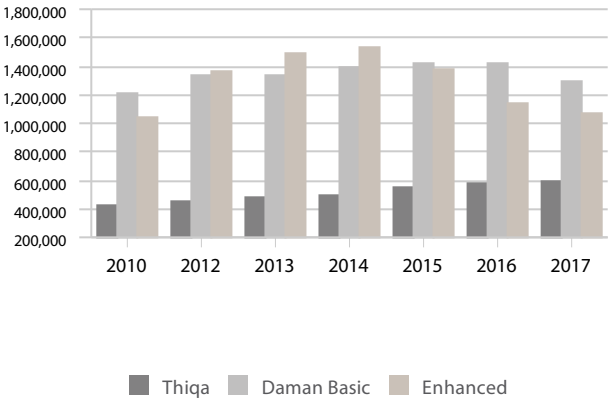
4.2.8 Persons Insured by Health Insurance Companies, 2014 -2017\*

Insurance Company	2014	2015	2016	2017
Thiqa	497,511	554,786	577,067	589,116
Daman Basic	1,386,448	1,421,899	1,415,009	1,297,694
Enhanced	1,539,298	1,380,119	1,134,822	1,069,676

Source: Department of Health - Abu Dhabi

\* Some numbers may be inflated, since cancellations are not always excluded. Except Thiqa and Daman Basic, all insurers are considered Enhanced

Figure 4.2.2 Persons Insured by Insurance Companies, 2010 - 2017



Source: Statistics Centre - Abu Dhabi, Department of Health - Abu Dhabi

### 4.3. Social Welfare

The social welfare services provided in Abu Dhabi Emirate contributed significantly in supporting individuals of the society, the total value of aid provided to citizens was 884.6 million AED for the year 2018, an increase of 2.0% compared with 2017.

There are 2,283 students enrolled in government and private care centres, of whom 74.1% were citizens and 25.8% were non-citizens in 2018.

#### 4.3.1 Non-Government Organizations by Type of Activity

Type of Activity	2012	2016	2017	2018
<b>Total</b>	<b>53</b>	<b>60</b>	<b>65</b>	<b>70</b>
Women	3	3	3	3
Professional	8	10	10	10
Popular Art	3	3	3	3
Cultural and Public Services	17	21	24	29
Humanitarian Services	4	5	7	7
Theatres	5	5	5	5
Foreign Associations	13	13	13	13

Source: Ministry of Community Development

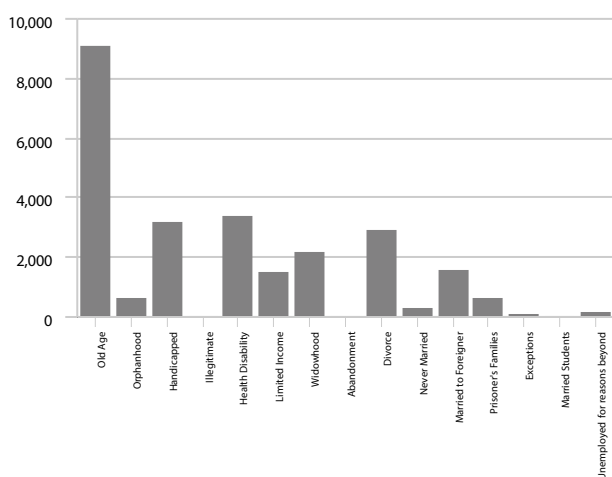
**4.3.2 Cases and Beneficiaries of Social Aid Offered to Citizens by Reason and Gender, 2018**

Reason of Aid	Cases			Total Beneficiaries
	Males	Females	Total	
<b>Total</b>	<b>4040</b>	<b>9816</b>	<b>13856</b>	<b>25357</b>
Old Age	1178	2992	4170	9085
Orphanhood	143	157	300	633
Handicapped	1629	1098	2727	3172
Illegitimate	8	16	24	24
Health Disability	817	230	1047	3356
Limited Income	161	0	161	1492
Widowhood	-	651	651	2119
Abandonment	-	9	9	9
Divorce	-	2904	2904	2904
Never Married	-	272	272	281
Married to Foreigner	-	1313	1313	1542
Prisoner's Families	80	117	197	576
Exceptions	0	54	54	54
Married Students	2	-	2	8
Unemployed for reasons beyond	22	3	25	102

Source: Statistics Centre - Abu Dhabi, Ministry of Community Development



**Figure 4.3.1 Percentage Distribution of Beneficiaries of Social Aid by Reason of Aid, 2018**



Source: Statistics Centre - Abu Dhabi, Ministry of Community Development

### 4.3.3 Benefits of Social Aid Paid by Month, 2018

(AED)

Month	Benefits (AED)
<b>Total</b>	<b>902,314,225</b>
January	74,611,037
February	74,704,471
March	74,747,228
April	75,045,025
May	75,083,986
June	75,284,634
July	75,495,301
August	75,335,452
September	75,399,212
October	75,611,888
November	75,577,412
December	75,418,579

Source: Ministry of Community Development

4.3.4 Nurseries, Employees and Children in Nurseries

Item	2010	2015	2016	2017	2018
Number of Nurseries	66	179	227	246	246
Number of Employees	836	2,314	2,818	3,139	3139
Number of Children	6,225	12,456	13,595	15,247	15247

Source: Ministry of Community Development, Department of Education and Knowledge

### 4.3.5 Nurseries, Employees and Children Ratios in Nurseries

Item	2015	2016	2017	2018
Children per Nursery	69.6	59.9	62.0	58.4
Children per Employee	5.4	4.8	4.9	4.3
Employees per Nursery	12.9	12.4	12.8	13.4

Source: Statistics Centre - Abu Dhabi, Ministry of Community Development, Department of Education and Knowledge

### 4.3.6 Children in Nurseries by Citizenship, Gender and Age

Items	2015	2016	2017	2018
<b>Citizenship</b>	<b>12,456</b>	<b>13,595</b>	<b>15,247</b>	<b>15,247</b>
Citizens	5,185	5,754	7,590	7,590
Non-Citizens	7,227	7,688	7,657	7,657
Unknown	44	153	-	-
<b>Gender</b>				
Males	6,593	7,152	8,218	8,218
Females	5,863	6,443	7,029	7,029
<b>Age</b>				
Infants	2,058	2,319	2,736	3,698
Non-Infants	10,291	11,175	12,511	10,140
Unknown	107	101	-	-

Source: Ministry of Community Development, Department of Education and Knowledge

### 4.3.7 The determined ones in Government and Private Care Centres by Citizenship and Gender, 2018

Citizenship	Males	Females	Total
<b>Total</b>	<b>1418</b>	<b>865</b>	<b>2283</b>
Citizens	1010	682	1692
Non-Citizens	408	183	591

Source: Ministry of Community Development

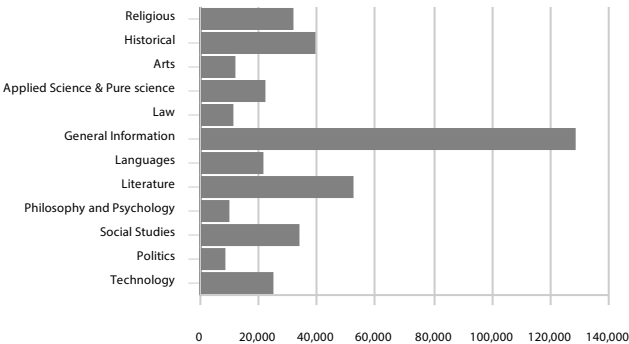
## 4.4. Culture and Heritage

The Emirate of Abu Dhabi is endowed with natural and archaeological sites that represent a unique and valuable contribution to the richness of global culture and heritage. All these resources merit special measures to ensure their preservation.

As a contribution to cultural enrichment in Abu Dhabi Emirate, the number of books at National Library reached about 392 thousands books in 2018, the number of visitors and borrowers were 139.5 thousands visitors and 16.6 thousands borrowers in 2018.

The number of visitors to the museums in Abu Dhabi Emirate increased for more than 1.2 million visitors in 2018, especially after opening louver museum.

**Figure 4.4.1 Books Available at Citizen Library by Subject, 2018**



Source: Statistics Centre - Abu Dhabi, Abu Dhabi Tourism & Culture Authority

#### 4.4.1 Books Available at National Library by Subject

Subject	2015	2016	2017	2018
<b>Total</b>	<b>373831</b>	<b>387713</b>	<b>379969</b>	<b>392013</b>
Religious	23951	24678	29918	31610
Historical	35147	38120	35286	38774
Arts	2015	2672	9961	11393
Applied Science & Pure science	12523	14608	41469	22037
Law	7351	7351	-	11033
General Information	164498	167038	106559	128370
Languages	50497	50664	31965	20950
Literature	27472	30069	60074	52454
Philosophy and Psychology	13130	13174	8385	9335
Social Studies	26354	28446	56352	33310
Politics	10893	10893	-	8169
Technology	-	-	-	24578

Source: Abu Dhabi Tourism & Culture Authority

#### 4.4.2 Visitors and Borrowers at the National Library by Gender

Item	2015	2016	2017	2018
<b>Visitors</b>	<b>140,000</b>	<b>94,718</b>	<b>55,015</b>	<b>139466</b>
Males	98,766	-	26,023	67089
Females	41,234	-	28,992	72377
<b>Borrowers</b>	<b>10,153</b>	<b>13,699</b>	<b>14,335</b>	<b>16630</b>
Males	6,996	-	-	-
Females	3,157	-	-	-

Source: Abu Dhabi Tourism & Culture Authority

#### 4.4.3 Islamic Facilities by Region, 2018

Item	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Mosques	766	1,152	307	2,225
Mosques under construction	136	44	6	186
Quran Memorization Centres	15	33	10	58
Hajj and Umra Campaigns	56	19	1	76

Source: General Authority of Islamic Affairs and Endowments

4.4.4 Preachers, Imams and Muezzins by Region, 2018

Item	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Imams and Preachers	608	888	143	1,639
Imams who rhetoric	560	574	218	1,352
Muezzins	206	273	68	547

Source: General Authority of Islamic Affairs and Endowments

4.4.5 Visitors to Zoo, Museums and Public Parks

Facilities	2015	2016	2017	2018
<b>Total</b>	<b>2,606,494</b>	<b>2,676,280</b>	<b>3,415,738</b>	<b>4,058,445</b>
Zoo	890,774	833,988	771,717	578,978
Hili Fun city	-	184,383	220,273	152,282
Public Parks	1,469,054	1,412,887	1,918,403	2,101,098*
Al Ain Museum	50,834	48,933	46,211	29,307
Al Ain Palace Museum	151,611	134,501	151,321	135,977
Dalma Museum	2,875	3,325	3,078	3,387
Al Jahili Fort Museum	41,346	40,112	39,374	38,026
Muajji Palace Museum	-	18,151	16,429	18,657
Louvet Museum**	-	-	248,932	1,000,733

Source: Municipality of Abu Dhabi City, Western Region Municipality ,Al Hili Fun City , Al Ain Wildlife park and Resort and Abu Dhabi Tourism & Culture Authority

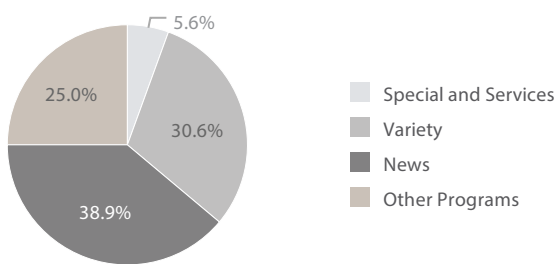
\*\* Started in 2017

4.4.6 Number of Live Programs that Broadcasted from Abu Dhabi Radio Station

Type of Program	2015	2016	2017	2018
<b>Total</b>	<b>59</b>	<b>60</b>	<b>43</b>	<b>36</b>
Religious	2	5	2	4
Cultural	1	1	1	1
News	28	30	19	14
Variety	16	13	12	11
Special and Services	3	7	2	2
Sports	5	3	3	3
Other	4	1	4	1

Source: Abu Dhabi Media Company


**Figure 4.4.2 Percentage Distribution of Number of Live Programs that Broadcasted from Abu Dhabi Radio Station by Type of Program, 2018**



Source: Statistics Centre - Abu Dhabi, Abu Dhabi Media Company







## 5. Labour Force

- Labour Force structure
- Employment
- Unemployment
- Outside Labour Force

Population and Economic

Dependency Ratio

# 5. Labour Force

According to estimates based on the labour force survey covering the fourth quarter of 2018, the labour force constitutes 65.2% as a percentage of the total population and 79.0% as a percentage of the population aged 15+. Females made up 25.6% of the total labour force. The economic dependency ratio was of 53.4%.

2018	Percentage of Employed to Total Population Aged 15 Years and Above	74.9
	Unemployment Rate	5.2
	Crude Participation Rate	65.2
	Refined Participation Rate	79.0
	Females as a percentage of total labour force	25.6
	Economic Dependency Ratio	53.4

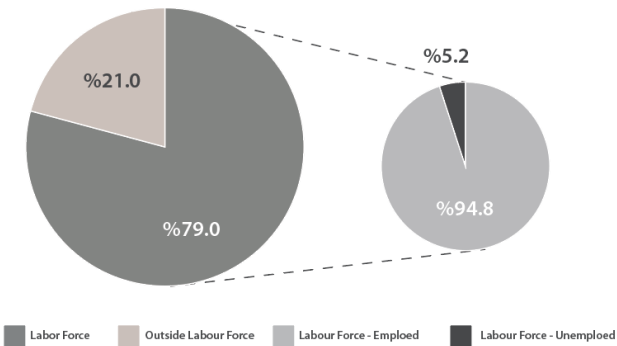
# 5.1. Labour Force Structure

The labour force includes employed and unemployed individuals who are aged 15 years and above. 2018 Data showed that Abu Dhabi Region had the largest share of the labour force with 61.7% followed by Al Ain Region with 24.9% and Al Dhafra Region with 13.5%.

Data on age structure of the labour force in 2018 indicated that the 30 to 34 years age group accounted for the largest share of the labour force with 21.7%

Refined Economic Participation Rate by region was highest in the Al Dhafra Region, followed by Abu Dhabi Region and Al Ain Region 91.2%, 78.6%% and 74.3% respectively.

**Figure 5.1.1 Distribution of the population (15 Years and Over) by Economically Active Status, 2018**



### 5.1.1 Labour Force by Economically Active Status and Citizenship, Census Years

(Persons)

Indicator	1995	2001	2005	2011*
<b>Labour Force</b>	<b>532,881</b>	<b>676,547</b>	<b>815,311</b>	<b>1,443,700</b>
Citizens	43,183	71,651	85,838	132,000
Non-Citizens	489,698	604,896	729,473	1,311,800
<b>Employed</b>	<b>525,457</b>	<b>649,342</b>	<b>786,738</b>	<b>1,403,400</b>
Citizens	40,981	60,753	75,518	116,400
Non-Citizens	484,476	588,589	711,220	1,287,000
<b>Unemployed</b>	<b>7,424</b>	<b>27,205</b>	<b>28,573</b>	<b>40,300</b>
Citizens	2,202	10,898	10,320	15,600
Non-Citizens	5,222	16,307	18,253	24,700

Source: Ministry of Economy , Department of Economic Development and Statistics Centre - Abu Dhabi

\* 2011 Estimated, all numbers are rounded to the nearest 100 persons, therefore, numbers may not add to totals.

### 5.1.2 Average Annual Growth Rates in Labour Force in Intercensal Periods by Citizenship and Gender

(%)

Citizenship and Gender	1975-1985	1985 - 1995	1995 - 2005	2005 - 2011
<b>Grand Total</b>	<b>9.1</b>	<b>6.0</b>	<b>4.4</b>	<b>10.8</b>
Males	8.5	5.9	3.7	10.7
Females	20.7	6.8	9.2	11.6
<b>Citizens</b>	<b>6.1</b>	<b>6.8</b>	<b>7.1</b>	<b>8.0</b>
Males	5.9	6.1	5.9	5.9
Females	13.5	16.9	14.4	14.9
<b>Non-Citizens</b>	<b>9.4</b>	<b>5.9</b>	<b>4.1</b>	<b>11.1</b>
Males	8.8	5.9	3.5	11.1
Females	21.1	6.1	8.6	11.0

Source: Ministry of Economy , Department of Economic Development and Statistics Centre - Abu Dhabi

### 5.1.3 Distribution of Labour Force Estimates (15 Years and Over) by Citizenship, Gender and Region, 2018

(%)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Males	72.0	70.0	93.1	74.4
Females	28.0	30.0	6.9	25.6
<b>Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Males	63.6	66.8	78.0	65.9
Females	36.4	33.2	22.0	34.1
<b>Non-Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Males	72.9	70.6	93.9	75.3
Females	27.1	29.4	6.1	24.7

Source: Statistics Centre - Abu Dhabi

### 5.1.4 Distribution of Labour Force Estimates (15 Years and Over) by Region, Gender and Economically Active Status, 2018

(%)

Region and Gender	Labour Force	Employed	Unemployed
<b>Abu Dhabi Emirate</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Males	74.4	76.2	39.7
Females	25.6	23.8	60.3
<b>Abu Dhabi Region</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Males	72.0	74.0	37.7
Females	28.0	26.0	62.3
<b>Al Ain Region</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Males	70.0	71.8	43.1
Females	30.0	28.2	56.9
<b>Al Dhafra Region</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Males	93.1	94.2	43.9
Females	6.9	5.8	56.1

Source: Statistics Centre - Abu Dhabi

### 5.1.5 Distribution of Labour Force Estimates (15 Years and Over) by Region, Age Group and Gender, 2018

(%)

Age Group and Region	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.5	0.9	0.6
20 - 24	9.0	12.9	10.0
25 - 29	15.1	22.5	17.0
30 - 34	21.0	23.6	21.7
35 - 39	18.3	16.8	17.9
40 - 44	13.5	12.4	13.2
45 - 49	10.0	4.5	8.6
50 - 54	6.2	3.5	5.5
55 - 59	3.9	2.0	3.4
60 - 64	2.1	0.8	1.8
65+	0.3	0.2	0.3
<b>Abu Dhabi Region</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.5	0.6	0.5
20 - 24	8.1	10.9	8.9
25 - 29	14.3	21.4	16.3
30 - 34	21.3	24.6	22.3
35 - 39	19.3	17.4	18.8
40 - 44	13.8	13.7	13.8
45 - 49	9.9	4.5	8.4
50 - 54	5.9	3.9	5.3
55 - 59	4.3	2.0	3.7
60 - 64	2.4	0.8	1.9
65+	0.3	0.1	0.3
<b>Al Ain Region</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.8	1.5	1.0
20 - 24	11.2	17.1	13.0
25 - 29	17.3	24.7	19.5
30 - 34	19.6	21.3	20.1
35 - 39	16.8	15.5	16.4
40 - 44	11.6	9.6	11.0
45 - 49	9.4	4.7	8.0
50 - 54	6.8	2.5	5.5
55 - 59	3.8	2.0	3.3
60 - 64	2.3	0.8	1.9
65+	0.4	0.3	0.3
<b>Al Dhafra Region</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.1	2.0	0.3
20 - 24	9.4	14.7	9.8
25 - 29	15.1	25.0	15.8
30 - 34	21.9	24.5	22.0
35 - 39	16.9	18.1	17.0
40 - 44	15.2	9.1	14.8
45 - 49	11.1	3.4	10.6
50 - 54	6.6	2.7	6.3
55 - 59	2.8	0.5	2.7
60 - 64	0.9	0.0	0.8
65+	0.1	0.0	0.1

Source: Statistics Centre - Abu Dhabi

### 5.1.6 Refined Participation Rate by Region, Age Group and Gender, 2018

(%)

Age Group and Region	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>90.7</b>	<b>57.4</b>	<b>79.0</b>
15 - 19	8.3	6.7	7.6
20 - 24	82.4	58.0	72.4
25 - 29	97.3	73.2	87.5
30 - 34	98.9	71.7	89.4
35 - 39	99.3	69.6	90.1
40 - 44	98.9	61.2	86.1
45 - 49	98.2	43.2	83.8
50 - 54	95.5	42.9	79.6
55 - 59	92.3	34.9	74.4
60 - 64	80.1	21.7	61.6
65+	29.6	5.8	17.7
<b>Abu Dhabi Region</b>	<b>90.5</b>	<b>58.8</b>	<b>78.6</b>
15 - 19	8.1	4.8	6.7
20 - 24	79.6	56.6	69.8
25 - 29	97.0	73.4	86.7
30 - 34	98.8	71.8	88.5
35 - 39	99.5	70.3	89.8
40 - 44	98.9	65.2	86.5
45 - 49	98.1	44.6	83.1
50 - 54	95.2	48.2	79.2
55 - 59	93.9	34.8	74.5
60 - 64	82.2	23.4	64.1
65+	31.9	5.0	18.7
<b>Al Ain Region</b>	<b>87.0</b>	<b>55.4</b>	<b>74.3</b>
15 - 19	9.2	9.3	9.2
20 - 24	80.4	60.0	70.9
25 - 29	96.3	73.0	85.9
30 - 34	98.7	72.8	88.6
35 - 39	98.4	71.3	88.8
40 - 44	97.9	53.2	80.2
45 - 49	97.2	40.8	78.1
50 - 54	93.7	31.4	73.7
55 - 59	86.0	37.3	69.3
60 - 64	74.5	19.9	54.3
65+	25.6	7.7	16.4
<b>Al Dhafra Region</b>	<b>97.1</b>	<b>50.0</b>	<b>91.2</b>
15 - 19	5.9	10.5	7.7
20 - 24	97.1	59.5	91.1
25 - 29	99.8	71.8	95.7
30 - 34	99.9	64.1	95.7
35 - 39	100.0	52.0	93.6
40 - 44	99.8	41.6	94.2
45 - 49	99.7	37.3	96.2
50 - 54	99.0	33.5	93.6
55 - 59	96.3	12.7	88.1
60 - 64	82.3	0.0	73.1
65+	29.8	0.0	15.1

Source: Statistics Centre - Abu Dhabi

### 5.1.7 Refined Participation Rate For Citizens by Region, Age Group and Gender, 2018

(%)

Age Group and Region	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>64.6</b>	<b>34.0</b>	<b>49.4</b>
15 - 19	9.2	3.5	6.6
20 - 24	61.1	31.3	46.8
25 - 29	90.5	53.6	71.8
30 - 34	94.2	55.0	74.3
35 - 39	94.7	57.5	76.4
40 - 44	88.2	47.3	66.7
45 - 49	83.0	27.6	55.2
50 - 54	65.3	15.7	42.0
55 - 59	55.0	7.8	28.2
60 - 64	22.1	3.5	11.7
65+	5.2	0.6	2.9
<b>Abu Dhabi Region</b>	<b>64.3</b>	<b>35.6</b>	<b>49.7</b>
15 - 19	9.9	2.4	6.4
20 - 24	53.1	33.8	43.2
25 - 29	90.9	52.6	70.5
30 - 34	92.6	55.7	73.1
35 - 39	95.9	58.2	78.0
40 - 44	88.7	50.7	69.0
45 - 49	82.7	31.7	55.9
50 - 54	66.1	20.4	44.7
55 - 59	58.3	7.7	30.1
60 - 64	14.6	5.7	9.4
65+	3.6	1.3	2.5
<b>Al Ain Region</b>	<b>64.2</b>	<b>31.4</b>	<b>47.7</b>
15 - 19	8.8	4.4	6.8
20 - 24	67.2	26.8	48.4
25 - 29	89.1	54.8	71.9
30 - 34	96.1	52.3	74.2
35 - 39	91.8	57.5	73.4
40 - 44	86.3	43.1	62.4
45 - 49	80.4	20.5	49.5
50 - 54	63.3	8.1	37.2
55 - 59	49.5	7.3	23.8
60 - 64	34.0	0.0	15.3
65+	7.8	0.0	3.7
<b>Al Dhafra Region</b>	<b>69.4</b>	<b>38.2</b>	<b>58.8</b>
15 - 19	6.5	8.0	7.0
20 - 24	74.5	45.2	64.3
25 - 29	95.7	59.2	85.9
30 - 34	97.6	70.5	88.7
35 - 39	98.9	49.3	81.1
40 - 44	94.4	48.2	76.0
45 - 49	94.2	47.1	82.9
50 - 54	71.5	26.1	50.6
55 - 59	57.7	13.3	40.7
60 - 64	19.5	0.0	12.6
65+	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi



### 5.1.8 Refined Participation Rate For Non-Citizens by Region, Age Group and Gender, 2018

(%)

Age Group and Region	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>94.5</b>	<b>64.4</b>	<b>84.7</b>
15 - 19	7.8	9.2	8.4
20 - 24	87.9	67.9	80.1
25 - 29	98.2	77.7	90.3
30 - 34	99.4	75.1	91.4
35 - 39	99.8	72.3	91.9
40 - 44	99.8	64.1	88.6
45 - 49	99.6	48.0	87.7
50 - 54	99.1	50.5	85.8
55 - 59	96.4	45.9	83.1
60 - 64	90.5	34.9	77.1
65+	57.4	12.0	35.0
<b>Abu Dhabi Region</b>	<b>93.8</b>	<b>64.3</b>	<b>83.4</b>
15 - 19	7.2	6.3	6.8
20 - 24	85.2	64.0	76.6
25 - 29	97.8	77.5	89.2
30 - 34	99.3	74.6	90.3
35 - 39	99.8	72.2	91.1
40 - 44	99.7	67.4	88.2
45 - 49	99.3	47.9	86.4
50 - 54	98.6	54.2	84.3
55 - 59	97.2	42.3	81.0
60 - 64	92.1	35.3	78.8
65+	56.5	8.1	32.5
<b>Al Ain Region</b>	<b>93.0</b>	<b>66.5</b>	<b>83.3</b>
15 - 19	9.7	14.9	12.0
20 - 24	86.3	74.7	80.9
25 - 29	98.1	78.7	89.7
30 - 34	99.1	78.9	91.8
35 - 39	99.5	77.3	92.7
40 - 44	100.0	57.4	85.0
45 - 49	100.0	49.5	85.1
50 - 54	99.6	41.8	83.4
55 - 59	92.5	62.1	84.9
60 - 64	84.8	34.6	69.9
65+	57.9	23.7	41.1
<b>Al Dhafra Region</b>	<b>99.0</b>	<b>53.4</b>	<b>94.1</b>
15 - 19	5.1	12.1	8.5
20 - 24	99.7	65.4	95.2
25 - 29	100.0	73.5	96.4
30 - 34	99.9	63.1	96.1
35 - 39	100.0	52.5	94.4
40 - 44	100.0	39.8	95.2
45 - 49	100.0	34.2	97.0
50 - 54	99.8	36.3	95.8
55 - 59	99.6	12.3	94.2
60 - 64	97.0	0.0	94.4
65+	69.2	0.0	38.9

Source: Statistics Centre - Abu Dhabi

## 5.2. Employment

Labour force estimates indicate that the largest proportion 61.6% of the employed population was in Abu Dhabi Region. The distribution by employment status revealed that the majority of employed persons in the Emirate of Abu Dhabi were paid employees 97.8%, while 1.4% were own-account workers.

A distribution by educational attainment, indicates that the largest proportion 21.6% of the employed population had Lower Secondary education, followed by Bachelor or equivalent education 21.3%. Among citizen's, a bachelor's degree was most common 33.8%.

A classification by main occupation indicates that Elementary occupations had the largest percentage of the employed population with 21.9% followed by Professionals with 16.0%. Among employed citizens, Professionals accounted for the largest share, making up 31.8% of this segment, while the largest share 24.0% of employed non-citizens was in the Elementary occupations.

The largest proportion of the employed population was in the 'Activities of households as employers undifferentiated goods and services activity' with 15.7% followed by Construction activity with 15.1%. 'Public administration and defense'; Compulsory Social security activities accounted for the largest proportion 58.1% of employed citizens, while 'Activities of households as employers undifferentiated goods and services' activity accounted for the largest proportion 17.2% of employed non-citizens.

As labour force data indicates, the private sector engaged the largest proportion (61.2%) of the employed population, while 13.7% worked for the government sector. As for employed citizen, 78.1% worked in the government sector and 5.3% in the private sector.

Labour Force Survey data also showed that the majority of the employed in the Emirate of Abu Dhabi are married (74.3%), while 24.1% of the employed never married. The survey data also showed that 44.5% of the total employed population in the Emirate of Abu Dhabi were working between 41-48 hours weekly.

## 5.2.1 Distribution of Employed Population Estimates (15 Years and Over) by Region, Age Group and Gender, 2018

(%)

Region and Age Group	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.3	0.7	0.4
20 - 24	8.4	11.5	9.1
25 - 29	15.0	21.9	16.7
30 - 34	21.2	23.9	21.9
35 - 39	18.5	17.1	18.2
40 - 44	13.7	13.0	13.5
45 - 49	10.1	4.9	8.9
50 - 54	6.3	3.8	5.7
55 - 59	4.0	2.2	3.6
60 - 64	2.1	0.8	1.8
65+	0.3	0.2	0.3
<b>Abu Dhabi Region</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.3	0.5	0.4
20 - 24	7.5	9.9	8.1
25 - 29	14.1	20.4	15.7
30 - 34	21.6	24.8	22.5
35 - 39	19.6	17.5	19.0
40 - 44	13.9	14.5	14.1
45 - 49	10.0	4.8	8.6
50 - 54	6.0	4.5	5.6
55 - 59	4.3	2.3	3.8
60 - 64	2.4	0.7	1.9
65+	0.3	0.1	0.3
<b>Al Ain Region</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.5	1.2	0.7
20 - 24	10.2	15.3	11.6
25 - 29	17.4	24.9	19.5
30 - 34	19.7	21.7	20.2
35 - 39	17.0	16.0	16.7
40 - 44	11.9	10.0	11.4
45 - 49	9.7	5.3	8.4
50 - 54	7.0	2.3	5.7
55 - 59	3.9	2.2	3.5
60 - 64	2.3	1.0	1.9
65+	0.4	0.3	0.4
<b>Al Dhafra Region</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.1	0.5	0.1
20 - 24	9.1	10.8	9.2
25 - 29	15.1	26.9	15.7
30 - 34	21.9	26.0	22.2
35 - 39	17.0	19.6	17.1
40 - 44	15.3	9.5	14.9
45 - 49	11.2	3.6	10.8
50 - 54	6.6	2.6	6.4
55 - 59	2.9	0.4	2.7
60 - 64	0.9	0.0	0.8
65+	0.1	0.0	0.1

Source: Statistics Centre - Abu Dhabi

### 5.2.2 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Work Status and Gender, 2018

(%)

Citizenship and Work Status	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Employer	1.7	0.6	1.4
Own-account worker	0.5	0.3	0.5
Paid employee	97.4	99.0	97.8
Family Employed for Pay or Profit	0.4	0.1	0.3
Unknown	0.0	0.0	0.0
<b>Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Employer	1.5	0.2	1.1
Own-account worker	0.3	0.1	0.2
Paid employee	98.2	99.7	98.7
Family Employed for Pay or Profit	0.0	0.0	0.0
Unknown	0.0	0.0	0.0
<b>Non-Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Employer	1.7	0.7	1.5
Own-account worker	0.5	0.3	0.5
Paid employee	97.3	98.9	97.7
Family Employed for Pay or Profit	0.4	0.2	0.4
Unknown	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

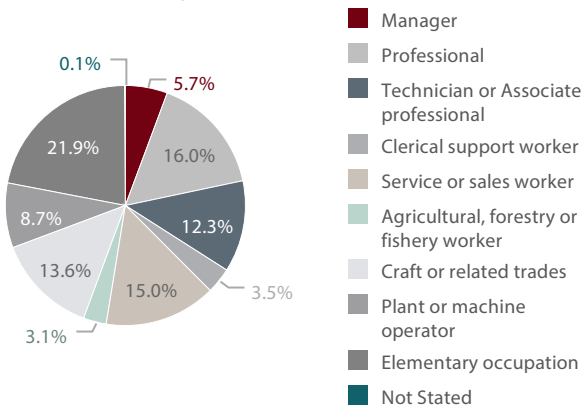
### 5.2.3 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Educational Attainment and Gender, 2018

(%)

Citizenship and Educational Attainment	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Less than primary	15.0	23.4	17.0
Primary	17.7	14.8	17.0
Lower Secondary	24.4	12.5	21.6
Upper Secondary	14.6	9.9	13.5
Post-secondary	3.8	3.7	3.7
Bachelor or equivalent	18.8	29.3	21.3
Higher Education	5.7	6.3	5.8
Not Stated	0.0	0.0	0.0
<b>Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Less than primary	1.6	0.4	1.3
Primary	3.6	0.7	2.7
Lower Secondary	15.6	7.6	13.2
Upper Secondary	35.2	26.7	32.7
Post-secondary	5.9	9.3	6.9
Bachelor or equivalent	28.9	45.6	33.8
Higher Education	9.2	9.7	9.3
Not Stated	0.0	0.0	0.0
<b>Non-Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Less than primary	16.2	26.3	18.6
Primary	19.0	16.6	18.5
Lower Secondary	25.2	13.1	22.4
Upper Secondary	12.8	7.8	11.6
Post-secondary	3.6	3.0	3.4
Bachelor or equivalent	17.9	27.3	20.0
Higher Education	5.4	5.9	5.5
Not Stated	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

**Figure 5.2.1 Percentage Distribution of Employed Population Estimates (15 Years and Over) by Main Occupation, 2018**



Source: Statistics Centre - Abu Dhabi

## 5.2.4 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Main Occupation and Gender, 2018

(%)

Citizenship and Main Occupation	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Manager	6.1	4.4	5.7
Professional	14.2	21.9	16.0
Technician or Associate professional	13.1	10.0	12.3
Clerical support worker	2.9	5.3	3.5
Service or sales worker	17.8	6.1	15.0
Agricultural, forestry or fishery worker	4.1	0.0	3.1
Craft or related trades	17.9	0.1	13.6
Plant or machine operator	11.3	0.6	8.7
Elementary occupation	12.7	51.4	21.9
Not Stated	0.1	0.2	0.1
<b>Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Manager	16.3	12.5	15.2
Professional	17.3	36.3	22.9
Technician or Associate professional	34.0	26.3	31.8
Clerical support worker	5.9	17.4	9.3
Service or sales worker	23.4	6.4	18.4
Agricultural, forestry or fishery worker	0.1	0.0	0.1
Craft or related trades	0.6	0.4	0.6
Plant or machine operator	1.3	0.3	1.0
Elementary occupation	0.4	0.0	0.3
Not Stated	0.5	0.4	0.5
<b>Non-Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Manager	5.1	3.4	4.7
Professional	13.9	20.0	15.3
Technician or Associate professional	11.2	7.9	10.4
Clerical support worker	2.6	3.8	2.9
Service or sales worker	17.3	6.1	14.7
Agricultural, forestry or fishery worker	4.4	0.0	3.4
Craft or related trades	19.4	0.1	14.9
Plant or machine operator	12.2	0.7	9.5
Elementary occupation	13.8	57.8	24.0
Not Stated	0.0	0.2	0.1

Source: Statistics Centre - Abu Dhabi

### 5.2.5 Distribution of Employed Population Estimates (15 Years and Over) by Economic Activity and Gender, 2018

(%)

Economic Activity	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, forestry & fishing	6.0	0.0	4.6
Mining and quarrying	2.9	1.5	2.6
Manufacturing	11.2	1.3	8.8
Electricity, gas, steam & air conditioning supply	0.8	0.7	0.7
Water supply; sewerage, waste management & remediation activities	0.6	0.0	0.4
Construction	19.5	1.1	15.1
Wholesale & retail trade repair of motor vehicles and motorcycles	7.2	2.9	6.2
Transportation & storage	5.0	2.2	4.3
Accommodation & food service activities	9.8	1.6	7.8
Information & communication	1.7	0.8	1.5
Financial & insurance activities	2.3	2.9	2.4
Real estate activities	3.8	0.9	3.1
Professional, scientific & technical activities	3.6	2.2	3.3
Administrative & support service activities	8.7	1.9	7.1
Public administration & defence; compulsory social security	7.5	5.8	7.1
Education	1.7	9.8	3.6
Human health & social work activities	2.3	10.6	4.3
Arts, entertainment & recreation	0.5	0.6	0.5
Other service activities	0.5	1.1	0.7
Activities of households as employers undifferentiated goods & services	4.3	52.0	15.7
Activities of extraterritorial organizations & bodies	0.0	0.1	0.0
Not Stated	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi



## 5.2.6 Distribution of Citizens Employed Population Estimate (15 Years and Over) by Economic Activity and Gender, 2018

(%)

Economic Activity	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, forestry & fishing	0.2	0.1	0.2
Mining and quarrying	10.3	6.3	9.1
Manufacturing	3.3	2.1	2.9
Electricity, gas, steam & air conditioning supply	2.5	3.7	2.8
Water supply; sewerage, waste management & remediation activities	0.2	0.4	0.2
Construction	0.4	1.1	0.6
Wholesale & retail trade repair of motor vehicles and motorcycles	3.9	1.4	3.2
Transportation & storage	3.7	6.6	4.6
Accommodation & food service activities	0.0	0.0	0.0
Information & communication	1.5	1.1	1.4
Financial & insurance activities	2.5	5.5	3.4
Real estate activities	0.2	0.0	0.2
Professional, scientific & technical activities	1.1	1.6	1.3
Administrative & support service activities	0.5	1.4	0.8
Public administration & defence; compulsory social security	64.7	42.3	58.1
Education	1.7	14.2	5.4
Human health & social work activities	1.5	9.6	3.9
Arts, entertainment & recreation	0.9	1.1	1.0
Other service activities	0.5	0.9	0.6
Activities of households as employers undifferentiated goods & services	0.0	0.0	0.0
Activities of extraterritorial organizations & bodies	0.0	0.0	0.0
Not Stated	0.4	0.4	0.4

Source: Statistics Centre - Abu Dhabi

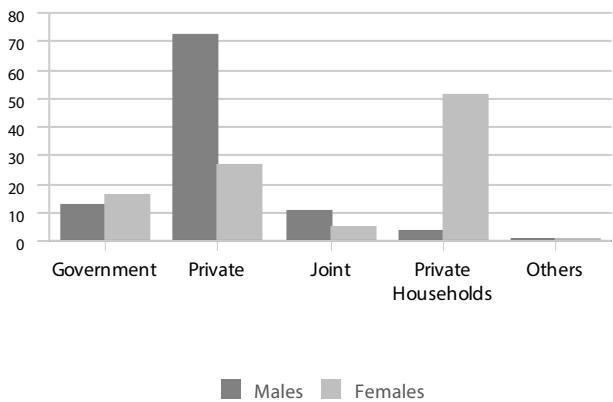
## 5.2.7 Distribution of Non-Citizens Employed Population Estimates (15 Years and Over) by Economic Activity and Gender, 2018

(%)

Economic Activity	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, forestry & fishing	6.5	0.0	5.0
Mining and quarrying	2.3	0.9	1.9
Manufacturing	11.9	1.2	9.4
Electricity, gas, steam & air conditioning supply	0.6	0.3	0.5
Water supply; sewerage, waste management & remediation activities	0.6	0.0	0.5
Construction	21.2	1.1	16.6
Wholesale & retail trade repair of motor vehicles and motorcycles	7.5	3.0	6.5
Transportation & storage	5.1	1.7	4.3
Accommodation & food service activities	10.6	1.8	8.6
Information & communication	1.7	0.7	1.5
Financial & insurance activities	2.3	2.5	2.4
Real estate activities	4.1	1.0	3.4
Professional, scientific & technical activities	3.8	2.3	3.5
Administrative & support service activities	9.5	2.0	7.7
Public administration & defence; compulsory social security	2.3	1.2	2.1
Education	1.7	9.3	3.4
Human health & social work activities	2.4	10.7	4.3
Arts, entertainment & recreation	0.5	0.6	0.5
Other service activities	0.5	1.1	0.7
Activities of households as employers undifferentiated goods & services	4.7	58.5	17.2
Activities of extraterritorial organizations & bodies	0.0	0.1	0.1
Not Stated	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

**Figure 5.2.2 Distribution of Employed Population Estimates (15 Years and Over) by Work Sector and Gender, 2018**



Source: Statistics Centre - Abu Dhabi

## 5.2.8 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Work Sector and Gender, 2018

(%)

Citizenship and Work Sector	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Government	12.9	16.5	13.7
Private	72.1	26.3	61.2
Joint (Gov. and Private)	10.6	5.0	9.3
Foreign	0.5	0.5	0.5
Diplomatic	0.0	0.1	0.1
Non-Profit Organization	0.1	0.1	0.1
Without Establishment	0.1	0.0	0.1
Private Households	3.7	51.5	15.0
Not Stated	0.0	0.0	0.0
<b>Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Government	78.7	76.5	78.1
Private	4.6	6.9	5.3
Joint (Gov. and Private)	15.9	15.0	15.6
Foreign	0.0	0.8	0.3
Diplomatic	0.0	0.0	0.0
Non-Profit Organization	0.3	0.6	0.4
Without Establishment	0.2	0.0	0.2
Private Households	0.0	0.0	0.0
Not Stated	0.2	0.2	0.2
<b>Non-Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Government	6.9	8.9	7.4
Private	78.2	28.8	66.7
Joint (Gov. and Private)	10.1	3.7	8.6
Foreign	0.6	0.5	0.6
Diplomatic	0.0	0.1	0.1
Non-Profit Organization	0.0	0.0	0.0
Without Establishment	0.1	0.0	0.1
Private Households	4.0	58.0	16.5
Not Stated	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

### 5.2.9 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Marital Status and Gender, 2018

(%)

Citizenship and Marital Status	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Never Married	20.7	35.0	24.1
Married	78.7	60.3	74.3
Divorced	0.5	3.3	1.2
Widowed	0.1	1.3	0.4
<b>Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Never Married	27.8	34.4	29.7
Married	70.0	56.4	66.0
Divorced	2.1	8.1	3.8
Widowed	0.2	1.0	0.4
<b>Non-Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Never Married	20.0	35.1	23.5
Married	79.4	60.8	75.1
Divorced	0.4	2.7	0.9
Widowed	0.1	1.4	0.4

Source: Statistics Centre - Abu Dhabi

### 5.2.10 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Actual Weekly Working Hours and Gender, 2018

(%)

Citizenship and Actual Weekly Working Hours	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
0*	0.6	1.1	0.7
1 - 20	0.2	0.3	0.2
21 -40	19.6	28.2	21.7
41 - 48	53.3	16.0	44.5
49+	26.2	54.5	32.9
Not Stated	0.0	0.0	0.0
<b>Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
0*	4.4	5.0	4.5
1 - 20	0.1	0.5	0.2
21 -40	66.3	71.6	67.9
41 - 48	21.2	18.2	20.3
49+	8.0	4.7	7.0
Not Stated	0.0	0.0	0.0
<b>Non-Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
0*	0.3	0.6	0.4
1 - 20	0.2	0.2	0.2
21 -40	15.4	22.7	17.1
41 - 48	56.2	15.7	46.8
49+	27.8	60.8	35.5
Not Stated	0.0	0.0	0.0

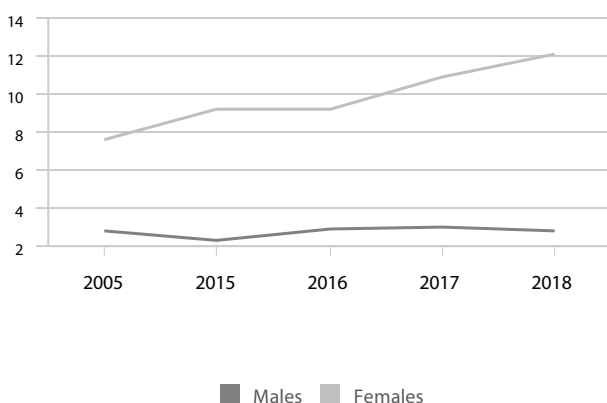
Source: Statistics Centre - Abu Dhabi

\* 0: Employed Persons who were absent from a work during the previous seven days.

## 5.3 Unemployment

The unemployment rate in 2018 was about 5.2% Increase from 5.0 according to 2017 estimates. The 20 to 24 years age group accounted for the largest proportion of the unemployed persons (25.9%). Data shows female unemployment rate in 2018 was higher than that of male, averaging 12.1% A distribution by educational attainment reveals that the majority of the unemployed (42.8%), hold an bachelor's degree, followed by upper secondary education 29.9%, while those with an educational attainment less than primary made up the lowest percentage (2.6%) of the unemployed. As the survey results indicate, 50.1% of the unemployed in the Emirate of Abu Dhabi are never married, while 47.3% of them married.

**Figure 5.3.1 Unemployment Rate by Gender and Years**



Source: Ministry of Economy , Department of Economic Development and Statistics Centre - Abu Dhabi

### 5.3.1 Unemployment Rate by Gender and Years

(%)

Gender	2005	2015*	2016*	2017*	2018*
<b>Grand Total</b>	<b>3.5</b>	<b>3.7</b>	<b>4.4</b>	<b>5.0</b>	<b>5.2</b>
Males	2.8	2.3	2.9	3.0	2.8
Females	7.6	9.2	9.2	10.9	12.1

Source: Statistics Centre - Abu Dhabi

\* Estimated from Labour Force Survey, 2015 ,2016, 2017 and 2018

### 5.3.2 Distribution of Unemployed Population Estimates (15 Years and Over) by Age Group and Gender, 2018

(%)

Age Group	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	7.2	2.1	4.1
20 - 24	30.8	22.6	25.9
25 - 29	18.5	26.6	23.4
30 - 34	13.9	21.5	18.5
35 - 39	10.2	14.9	13.0
40 - 44	7.1	7.9	7.6
45 - 49	5.4	2.0	3.4
50 - 54	2.1	1.4	1.7
55 - 59	2.5	0.3	1.2
60 - 64	2.2	0.7	1.3
65+	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi



### 5.3.3 Distribution of Unemployed Population Estimates (15 Years and Over) by Educational attainment and Gender, 2018

(%)

Educational attainment	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Less than primary	4.8	1.1	2.6
Primary	4.4	1.8	2.8
Lower Secondary	14.3	6.8	9.8
Upper Secondary	39.0	23.9	29.9
Post-secondary	8.4	6.7	7.4
Bachelor or equivalent	27.9	52.5	42.8
Higher Education	1.2	7.1	4.8

Source: Statistics Centre - Abu Dhabi

### 5.3.4 Distribution of Unemployed Population Estimate (15 Years and Over) by Marital Status and Gender, 2018

(%)

Marital Status	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Never Married	65.5	39.9	50.1
Married	33.7	56.3	47.3
Divorced	0.8	3.3	2.3
Widowed	0.0	0.5	0.3

Source: Statistics Centre - Abu Dhabi

## 5.4 Outside Labour Force Population and Economic Dependency Ratio

As estimates indicate, the economic dependency ratio in Abu Dhabi Emirate was 53.4 dependents per 100 in the labour force for the total population, 29.1 for males and 123.8 for females. 21.0% of the total population aged 15 years and over were Outside Labour Force in year 2018, of which most were individuals engaged in household duties or students.

### 5.4.1 Economic Dependency Ratio by Citizenship, Region and Gender, 2018

(per 100 in the labour force)

Citizenship and Region	Males	Females	Total
<b>Grand Total</b>	<b>29.1</b>	<b>123.8</b>	<b>53.4</b>
Abu Dhabi Region	29.9	112.6	53.0
Al Ain Region	42.0	144.5	72.8
Al Dhafra Region	8.6	167.2	19.6
<b>Citizens</b>	<b>150.9</b>	<b>367.5</b>	<b>224.8</b>
Abu Dhabi Region	155.3	337.0	221.4
Al Ain Region	156.1	417.5	242.8
Al Dhafra Region	99.4	332.1	150.6
<b>Non- Citizens</b>	<b>17.0</b>	<b>85.4</b>	<b>33.8</b>
Abu Dhabi Region	19.1	83.1	36.5
Al Ain Region	21.2	85.1	40.0
Al Dhafra Region	4.3	133.4	12.2

Source: Statistics Centre - Abu Dhabi

### 5.4.2 Distribution of Outside Labour Force Population Estimates (15 Years and Over) by Economic Inactive Status and Gender, 2018

(%)

Economic Inactive Status	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Household duties	0.3	56.8	40.6
Student	68.8	24.5	37.2
Unable to work	7.1	1.6	3.2
Retired	11.5	0.9	3.9
Over 65 of Age and Doesn't Work	3.6	1.8	2.4
Independent income	0.8	0.3	0.5
Social Circumstances	1.1	8.4	6.3
Unwilling to work	2.0	2.7	2.5
Didn't Find suitable Work	3.6	2.3	2.6
Others	1.1	0.7	0.8

Source: Statistics Centre - Abu Dhabi

### 5.4.3 Distribution of Outside Labour Force Population Estimates (15 Years and Over) by Citizenship, Age Group and Gender, 2018

(%)

Citizenship and Age Group	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	52.6	16.7	27.0
20 - 24	18.7	12.6	14.3
25 - 29	4.2	11.1	9.1
30 - 34	2.2	12.6	9.6
35 - 39	1.2	9.9	7.4
40 - 44	1.5	10.6	8.0
45 - 49	1.8	8.0	6.2
50 - 54	2.9	6.2	5.3
55 - 59	3.2	4.9	4.4
60 - 64	5.1	3.7	4.1
65 +	6.7	3.6	4.5
<b>Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	44.6	21.5	29.6
20 - 24	17.5	15.6	16.2
25 - 29	3.7	10.1	7.8
30 - 34	2.2	9.6	7.0
35 - 39	1.7	7.1	5.2
40 - 44	2.6	7.1	5.5
45 - 49	2.9	6.7	5.4
50 - 54	4.8	5.6	5.3
55 - 59	3.9	5.6	5.0
60 - 64	6.3	5.4	5.7
65 +	9.9	5.8	7.2
<b>Non-citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	60.1	14.1	25.3
20 - 24	19.9	10.9	13.1
25 - 29	4.6	11.7	10.0
30 - 34	2.2	14.3	11.3
35 - 39	0.8	11.5	8.9
40 - 44	0.4	12.5	9.6
45 - 49	0.7	8.8	6.8
50 - 54	1.0	6.6	5.2
55 - 59	2.6	4.5	4.1
60 - 64	4.0	2.8	3.1
65 +	3.6	2.3	2.7

Source: Statistics Centre - Abu Dhabi



## **6. Agriculture and Environment**

- Agriculture
- Environment
- Energy and Water

## 6. Agriculture and Environment

This section presents detailed statistics about agriculture, environment and energy providing major developments in these areas, thus helping to depict a true picture about the state of sustainable development in the Emirate

2018	<b>Agriculture</b>	
	Total number of holdings (plant holdings)	24,018
	Total agriculture area (donums)	749,868
	Crop area of field crops (donums)	43,514
	Crop area of vegetables (donums)	19,959
	Crop area of fruit trees (donums)	272,322
	Number of sheep	1,771,922
	Number of goats	1,382,341
	Number of cattle	40,326
	Number of camels	405,160
	Number of commercial farms	36
	Broiler - chicken meat production (tons)	22,408
	Egg production (thousand eggs)	529,693
	Milk production of commercial farms (tons)	136,930
	Quantity of fish caught (tons)	4,892
	Value of fish caught (thousand AED)	120,534
	Exported agricultural goods (thousand AED)	7,491,182
	Re - exported agricultural goods (thousand AED)	3,416,999
	<b>Environment</b>	
	Average maximum temperature (C)	34.8
	Average minimum temperature (C)	23.0
	Average rainfall in millimeters	80.2
	Average relative humidity (%)	51.5
	Average atmospheric pressure (hPA)	1009.3
	Total CO2 emissions - oil and gas sector (Million Tons)	34.6
	Total non-conventional water resources (MCM)	1,250.6
	Quantity of treated wastewater (MCM)	311.6
	Total amount of waste generated (tons)	9,803,432
	Daily average of waste generated (tons)	26,859

Protected areas in the Emirate of Abu Dhabi (square kilometers)	16,996
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### **Energy and Water**

Annual production of crude oil (thousand barrels)	1,097,616
Annual external sales of crude oil (thousand barrels)	802,223
Annual production of natural gas (million cubic feet)	2,987,621
Total exports of liquefied natural gas products(thousand metric tons)	25,232
Total of available electric power (MWH)	72,585,807
Total of available desalinated water(Million Imperial Gallons )	240,301
Quantity of electricity generated from renewable energy (MWH)	249,695

## 6.1. Agriculture

Agriculture is of key importance in the achievement of food security and represents a central activity for related economic activities. Abu Dhabi Emirate has made vast strides in the field of agriculture, setting a worldwide example in overcoming the dry conditions of the desert and converting its arid terrain into green farms producing a variety of vegetables and fruits for the consumer market. Over the course of the past four decades, the number of plant holdings increased 38-folds from 634 in 1971 to 24,018 in 2018. Meanwhile the size of arable land expanded by 33-fold from 22,377 donum to 749,868 donum during the same period.

Thanks to the wise policies of the emirate's government, Abu Dhabi managed to overcome with tough arid conditions and high temperatures and establish a successful agricultural sector that reflects the emirate's ambitious pursuit of sustainable development. The agricultural sector now manifests one of the aspects of social and economic development Abu Dhabi is currently experiencing in various fields. Economic development is affected by all economic activities, including agricultural activity, which is a cornerstone for achieving the objectives of the overall development. Agricultural sector is one of the key productive sectors and a major component of GDP, in addition to being the main supplier of food commodities and raw materials for many of the food industry in the Emirate. It is of crucial importance, therefore, to have an extensive and accurate database of agricultural statistics to support fact-based planning in this area of economic activity.

The Statistical Yearbook includes quantitative and qualitative statistics intended to support planning and decision-making. The book includes data on the numbers of farms, size of agricultural area, indicators of crop area and agricultural production quantities and values. The total number of sheep and goats in the Emirate of Abu Dhabi totalled 3 million heads, with the majority of them 65.8% in Al Ain. Meanwhile, the total number of camels was 405,160 heads, mostly 57.5% in Al Ain.

The statistical Yearbook presents data on the commercial farms specialized in the production of poultry meat (broilers), table eggs, cow milk in the Emirate of Abu Dhabi, which supply large quantities of food, with poultry meat production amounting to 22,408 tons, while layers' farms produced 529.7 million eggs, and dairy farms 136.9 thousand tons of cow's milk in 2018.

### Plant Production

Plant production statistics provide data on the changes taking place in this activity, which vary from one season to another. The area of fruits tree in 2018 forms 36%, followed by the area of field crops at 6%, and finally the area of vegetable crops at 3% of the total plant holdings area. Plant production statistics give an insight into the present levels of surplus or shortage, thereby enabling the formulation of policies on foreign trade in agriculture products to plan export and import quantities and develop plans in a way that would reduce shortage or surplus in field crops.



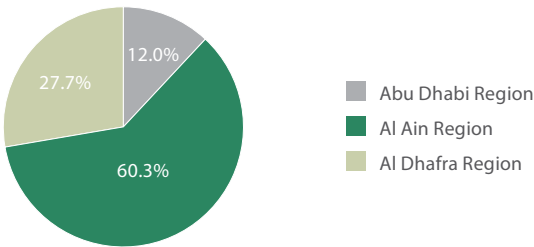
6.1.1 Number and Area of Plant Holdings by Region

(Donums)

Region	2010	2016	2017	2018
Total				
Number	24,290	24,018	24,018	24,018
Area	747,679	749,868	749,868	749,868
Abu Dhabi Region				
Number	3,837	3,605	3,605	3,605
Area	95,483	89,679	89,679	89,679
Al Ain Region				
Number	11,894	11,921	11,921	11,921
Area	441,637	452,503	452,503	452,503
Al Dhafra Region				
Number	8,559	8,492	8,492	8,492
Area	210,559	207,686	207,686	207,686

Source: Abu Dhabi Agriculture and Food Safety Authority

Figure 6.1.1 Percentage Distribution of Plant Holdings Area by Region, 2018



Source: Statistics Centre - Abu Dhabi

### 6.1.2 Number of Farms by Area Category and Region, 2018

Area category	Total	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
<b>Total</b>	<b>24,018</b>	<b>3,605</b>	<b>11,921</b>	<b>8,492</b>
Less than 20 Donum	4,490	592	636	3,262
20-29 Donum	6,450	2,876	1,230	2,344
30 - 39 Donum	9,774	73	9,286	415
40 - 49 Donum	2,661	38	259	2,364
50 -59 Donum	172	7	129	36
More than 60 Donum	471	19	381	71

Source: Abu Dhabi Agriculture and Food Safety Authority

### 6.1.3 Area of Farms by Area Category and Region, 2018

(Donums)

Area category	Total	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
<b>Total</b>	<b>749,868</b>	<b>89,679</b>	<b>452,503</b>	<b>207,686</b>
Less than 20 Donum	49,476	9,528	8,697	31,251
20-29 Donum	159,733	73,763	31,073	54,897
30 - 39 Donum	327,690	2,496	311,082	14,112
40 - 49 Donum	107,958	1,619	11,327	95,012
50 -59 Donum	9,424	380	7,069	1,975
More than 60 Donum	95,588	1,893	83,255	10,440

Source: Abu Dhabi Agriculture and Food Safety Authority

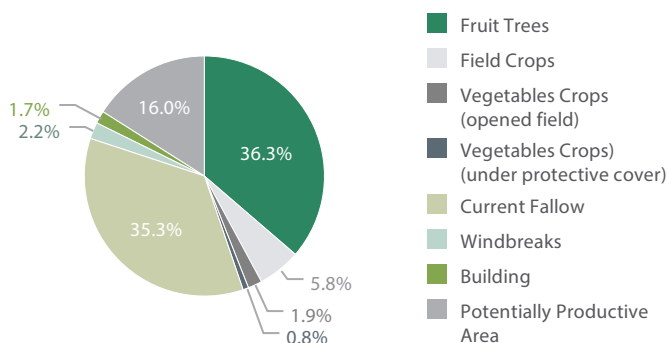
### 6.1.4 Area of Plant Holdings by Land Use and Region, 2018

(Donums)

Item	Total	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
<b>Total area of holdings</b>	<b>749,867.9</b>	<b>89,678.6</b>	<b>452,503.4</b>	<b>207,685.9</b>
Fruit Trees	272,322.0	23,175.0	145,779.0	103,368.0
Field Crops	43,514.0	3,732.0	33,197.0	6,585.0
Vegetables Crops (opened field)	14,234.0	4,458.0	6,765.4	3,010.6
Vegetables Crops (under protective cover)	5,725.0	686.0	3,470.2	1,568.8
Current Fallow	264,616.5	29,956.0	168,166.3	66,494.2
Windbreaks	16,701.0	4,664.0	4,762.0	7,275.0
Building	12,725.2	1,498.0	7,662.2	3,565.0
Potentially Productive Area	120,030.2	21,509.6	82,701.3	15,819.3

Source: Abu Dhabi Agriculture and Food Safety Authority

**Figure 6.1.2 Percentage Distribution of Plant Holdings Area by Land Use, 2018**



Source: Statistics Centre - Abu Dhabi

6.1.5 Crop Area of Field Crops by Region

(Donums)

Region	2010	2016	2017	2018
Total	231,919	60,208	62,575	43,514
Abu Dhabi Region	33,708	6,328	4,981	3,732
Al Ain Region	134,734	43,479	46,784	33,197
Al Dhafra Region	63,477	10,401	10,810	6,585

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.6 Quantity of Production of Field Crops by Region

(Tons)

Region	2010	2016	2017	2018
Total	1,041,325	225,342	234,230	177,589
Abu Dhabi Region	153,663	24,957	16,381	13,928
Al Ain Region	667,801	147,689	163,056	139,747
Al Dhafra Region	219,861	52,696	54,793	23,914

Source: Abu Dhabi Agriculture and Food Safety Authority

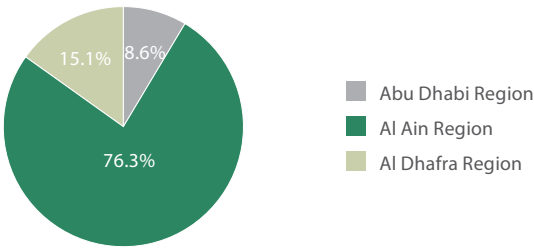
6.1.7 Value of Field Crops by Region

(Thousand AED)

Region	2010	2016	2017	2018
Total	1,699,723	409,040	325,654	247,854
Abu Dhabi Region	250,819	48,815	30,254	27,675
Al Ain Region	1,090,031	262,642	193,930	178,945
Al Dhafra Region	358,873	97,583	101,470	41,234

Source: Abu Dhabi Agriculture and Food Safety Authority

Figure 6.1.3 Percentage Distribution of Area Cultivated with Field Crops by Region, 2018



Source: Statistics Centre - Abu Dhabi

### 6.1.8 Quantity of Production, Cultivated area, and Average Yield of Vegetables by Type, 2018

Type	Production(Tons)	Crop area(Donums)	Average yield (Tons/Domum)
<b>Total</b>	<b>100,362.9</b>	<b>19,958.8</b>	<b>-</b>
Potato	451.4	180.5	2.5
Cabbage	8,475.5	1,445.6	5.9
Hot Pepper	83.9	167.8	0.5
Sweet Pepper	1,127.4	410.0	2.7
Marrow	4,747.3	2,152.6	2.2
Egg Plant	3,116.5	982.9	3.2
Cucumber	42,393.1	3,083.1	13.8
Tomato	23,671.5	3,601.3	6.6
Water Melon	498.2	166.1	3.0
Sweet Melon	1,636.7	467.6	3.5
Lettuce	197.6	232.5	0.8
Onion	4,001.7	1,377.5	2.9
Parsley	1,113.1	741.3	1.5
Beans	336.8	399.2	0.8
Beets	331.5	189.4	1.8
Carrot	86.7	49.6	1.7
Cauliflower	1,621.9	475.9	3.4
Pumpkin	68.2	24.8	2.8
Coriander	170.0	202.1	0.8
Mallow	50.0	143.6	0.3
Okra	136.9	172.1	0.8
Radish	181.4	100.7	1.8
Sweet Corn	4,800.7	2,692.6	1.8
Garden Rocket	95.6	65.9	1.5
Turnip	14.6	8.3	1.8
Others	954.7	425.8	2.2

**Source:** Abu Dhabi Agriculture and Food Safety Authority

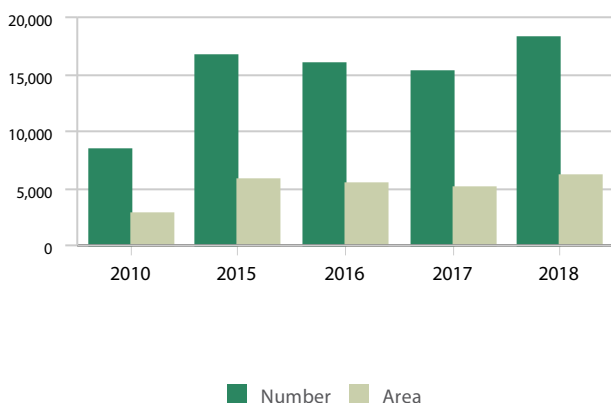
### 6.1.9 Number and Area of Greenhouses

(Area: Donums)

Item	2015	2016	2017	2018
Number	16,715	16,037	15,340	18,269
Area	5,824	5,504	5,118	6,164

Source: Abu Dhabi Agriculture and Food Safety Authority

Figure 6.1.4 Number and Area of Greenhouses (Area in Donums)



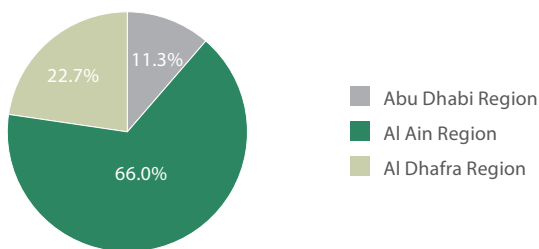
Source: Abu Dhabi Agriculture and Food Safety Authority

### 6.1.10 Number of Greenhouses by Region

Region	2015	2016	2017	2018
<b>Total</b>	<b>16,715</b>	<b>16,037</b>	<b>15,340</b>	<b>18,269</b>
Abu Dhabi Region	2,105	2,227	2,130	2,070
Al Ain Region	10,390	9,821	9,394	12,056
Al Dhafra Region	4,220	3,989	3,816	4,143

Source: Abu Dhabi Agriculture and Food Safety Authority

Figure 6.1.5 Percentage distribution of the number of greenhouse by region, 2018



Source: Statistics Centre - Abu Dhabi

6.1.11 Quantity of Dates Received from ALFOAH Company by Region

Quantity: Tons

Region	2015	2016	2017	2018
Total	93,075	96,037	89,938	81,314
Abu Dhabi Region	8,103	5,745	5,464	2,180
Al Ain Region	53,839	55,706	52,869	48,351
Al Dhafra Region	31,133	34,586	31,605	30,783

Source: Al Foah Company

\* Quantity received by Al Foah company

6.1.12 Value of Dates Received from ALFOHAH Company by Region

Value : Thousand AED

Region	2015	2016	2017	2018
Total	579,282	600,148	489,689	482,586
Abu Dhabi Region	45,006	25,882	24,376	10,342
Al Ain Region	320,580	341,631	282,469	284,837
Al Dhafra Region	213,696	232,636	182,844	187,407

Source: Al Foah Company

\* Value received by Al Foah company

6.1.13 Number and Area of Windbreak Trees by Region, 2018

(Area: Donums)

Region	Number	Area
Total	1,154,639	16,701
Abu Dhabi Region	358,145	4,664
Al Ain Region	403,374	4,762
Al Dhafra Region	393,120	7,275

Source: Abu Dhabi Agriculture and Food Safety Authority



6.1.14 Quantity and Value of Production of Vegetables by Type of Crop

( Quantity in tons, value in thousand AED)

Product	2018	
	Quantity	Value
<b>Total</b>	<b>100,362.9</b>	<b>288,656.1</b>
Potato	451.4	1,176.1
Cabbage	8,475.5	12,532.4
Hot Pepper	83.9	251.2
Sweet Pepper	1,127.4	3,460.7
Marrow	4,747.3	17,890.0
Egg Plant	3,116.5	6,078.1
Cucumber	42,393.1	132,390.2
Tomato	23,671.5	67,907.0
Water Melon	498.2	1,191.3
Sweet Melon	1,636.7	4,124.9
Lettuce	197.6	841.3
Onion	4,001.7	9,075.9
Parsley	1,113.1	5,940.1
Beans	336.8	1,237.5
Beets	331.5	911.9
Carrot	86.7	202.0
Cauliflower	1,621.9	4,421.8
Pumpkin	68.2	345.1
Coriander	170.0	1,013.5
Mallow	50.0	228.3
Okra	136.9	741.3
Radish	181.4	926.6
Sweet Corn	4,800.7	12,245.5
Garden Rocket	95.6	540.6
Turnip	14.6	33.9
Other	954.7	2,948.9

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.15 Agriculture Producers Price Indices

(2016 = 100)

Crop	2017	2018
All Products	102.4	101.7
Tomato	104.8	100.6
Sweet Pepper	112.3	111.5
Hot Pepper	85.3	80.1
Cucumber	60	62.6
Marrow	97.8	107.3
Water Melon	28.1	37.3
Sweet Melon	113.7	103.8
Onion	99.8	105.9
Beans	86	85.4
Eggplant	115.1	91.8
Cauliflower	124	124.6
Cabbage	97.5	125.5
Lettuce	137.1	117.4
Pumpkin	52.2	—
Coriander	53.9	94.9
Beets	51.7	36.7
Parsley	81.1	96.7
Potato	61.3	70.3
Corn	82.7	82.7
Radish	16.9	13.7
Carrot	61	—
Okra	217.9	258.6

Source: Statistics Centre - Abu Dhabi

6.1.16 Quantity of Pesticides Used by Region

(Liter)

Region	2015	2016	2017	2018
Total	30,658	21,394	15,522	16,377
Abu Dhabi Region	3,900	1,564	438	784
Al Ain Region	13,690	12,047	9,287	9,264
Al Dhafra Region	13,068	7,783	5,797	6,329

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.17 Total Loans Given to the Farmers in Agricultural Sector by Region

(Thousand AED)

Region	2010	2016	2017	2018
Total*	26,719	933	313	199
Abu Dhabi Region	341	0	147	0
Al Ain Region	21,752	933	166	179
Al Dhafra Region	4,626	0	0	20

Source: Abu Dhabi Agriculture and Food Safety Authority

\* The farmers pay only 50% of the value of the loan

## Livestock and fisheries

Livestock is a key activity to economic development in the Emirate of Abu Dhabi; being a main source of income for rural and desert residents. As such, this sector received the attention of the government over the past few years through the implementation of policies and programs that have successfully achieved a steady growth in livestock populations. The percentage of sheep and goats in the Emirate of Abu Dhabi made up around 87.6% of the total livestock, followed by camels at 11.3% and cattle at 1.1% as shown by the data pertaining to traditional holdings in 2018. Abu Dhabi's extensive coastline supplies a significant part of the local market demand for fish, which is the basic food for the inhabitants of coastal areas.

Fisheries are one of the important renewable economic resources and an essential source of national income. In 2018 the total fish catch amounted to 4,892 tons, with a market value of million AED 120.5.

### 6.1.18 Number of Livestock by Type

Type	2010	2016	2017	2018
<b>Total</b>	<b>2,357,065</b>	<b>3,514,570</b>	<b>3,545,000</b>	<b>3,599,749</b>
Sheep	1,041,370	1,760,553	1,757,481	1,771,922
Goats	1,000,532	1,312,803	1,337,090	1,382,341
Cattle	39,778	46,990	41,959	40,326
Camels	275,385	394,224	408,470	405,160

Source: Abu Dhabi Agriculture and Food Safety Authority

### 6.1.19 Number of Livestock by Type - Abu Dhabi Region

Type	2010	2016	2017	2018
<b>Total</b>	<b>387,379</b>	<b>699,888</b>	<b>613,841</b>	<b>637,681</b>
Sheep	173,757	369,677	330,880	329,654
Goats	166,942	248,352	219,063	234,469
Cattle	3,764	6,428	7,179	7,135
Camels	42,916	75,431	56,719	66,423

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.20 Number of Livestock by Type - Al Ain Region

Type	2010	2016	2017	2018
Total	1,516,657	2,219,391	2,335,268	2,341,597
Sheep	671,639	1,087,257	1,126,509	1,137,697
Goats	645,299	876,272	931,030	938,342
Cattle	34,911	39,248	33,800	32,492
Camels	164,808	216,614	243,929	233,066

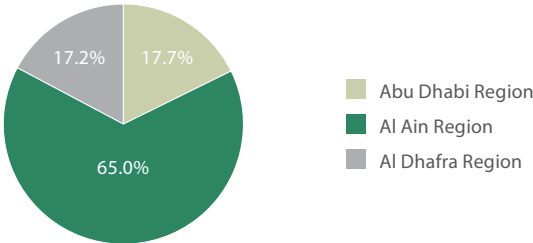
Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.21 Number of Livestock by Type - Al Dhafra Region

Type	2010	2016	2017	2018
Total	453,029	595,291	595,891	620,471
Sheep	195,975	303,619	300,092	304,571
Goats	188,290	188,179	186,997	209,530
Cattle	1,103	1,314	980	699
Camels	67,661	102,179	107,822	105,671

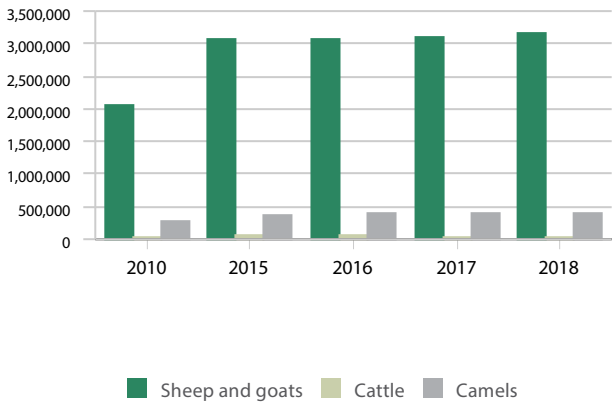
Source: Abu Dhabi Agriculture and Food Safety Authority

Figure 6.1.6 Percentage Distribution of Number of Livestock by Region, 2018



Source: Statistics Centre - Abu Dhabi

**Figure 6.1.7 Number of Livestock by Type**



**Source:** Abu Dhabi Agriculture and Food Safety Authority

#### 6.1.22 Number of Animal Holdings by Region

Region	2010	2016	2017	2018
<b>Total</b>	<b>17,963</b>	<b>25,171</b>	<b>25,200</b>	<b>24,189</b>
Abu Dhabi Region	3,659	5,598	4,493	4,983
Al Ain Region	10,692	15,099	16,211	14,895
Al Dhafra Region	3,612	4,474	4,496	4,311

**Source:** Abu Dhabi Agriculture and Food Safety Authority

#### 6.1.23 Number of Slaughtered Animals by Type

Type	2010	2016	2017	2018
<b>Total</b>	<b>706,266</b>	<b>918,680</b>	<b>936,246</b>	<b>927,574</b>
Sheep and goats	671,783	869,973	877,932	866,835
Cattle	13,942	13,744	11,824	12,551
Camels	20,541	34,963	46,490	48,188

**Source:** Department Of Urban Planning And Municipalities - Municipality of Abu Dhabi- Al Ain- Al Dhafra

#### 6.1.24 Quantity of Meat Produced From Slaughter by Type

(Tons)

Type	2010	2016	2017	2018
<b>Total</b>	<b>14,669</b>	<b>19,242</b>	<b>20,367</b>	<b>28,985</b>
Sheep and goats	9,937	11,624	11,529	11,453
Cattle	2,465	2,757	2,426	4,051
Camels	2,267	4,860	6,412	13,481

**Source:** Department Of Urban Planning And Municipalities - Municipality of Abu Dhabi- Al Ain- Al Dhafra

### 6.1.25 Value of Meat Produced From Slaughter by Type

(Thousand AED)

Type	2010	2016	2017	2018
<b>Total</b>	<b>473,000</b>	<b>872,055</b>	<b>830,416</b>	<b>1,184,103</b>
Sheep and goats	331,000	601,474	521,199	518,233
Cattle	74,000	94,397	82,957	137,930
Camels	68,000	176,184	226,260	527,940

**Source:** Department Of Urban Planning And Municipalities - Municipality of Abu Dhabi- Al Ain- Al Dhafra

### 6.1.26 Number of Commercial Farms by Type of Farm

Type	2010	2016	2017	2018
<b>Total</b>	<b>25</b>	<b>32</b>	<b>32</b>	<b>36</b>
Broiler farms	8	9	9	10
Layer farms	4	7	7	9
Parent stock Farms	0	3	3	3
Cattle farms	13	13	13	14

**Source:** Abu Dhabi Agriculture and Food Safety Authority

6.1.27 Quantity of Production in Commercial Farms by Type

Type	2010	2016	2017	2018
Chicken meat (Tons)	15,225	23,154	23,733	22,408
Table eggs (1000 Egg)	127,013	402,285	435,493	529,693
Cattle milk (Tons)	66,086	104,132	114,260	136,930

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.28 Quantity and Value of Fish Caught by Major Fish Families

(Quantity in tons, value in Thousand AED)

Fish Families	2017		2018	
	Quantity	Value	Quantity	Value
Total	4,739.6	121,068.8	4,892.2	120,533.5
Carangidae	936.1	11,377.9	1,331.2	23,331.8
Haemulidae	145.5	2,082.3	80.1	1,344.3
Lethrinidae	346.9	9,080.9	272.9	7,376.4
Lutjanidae	109.9	1,264.9	63.9	650.8
Portunidae	368.0	4,921.5	266.8	4,399.5
Scombridae	1,812.3	55,088.4	1,940.9	51,431.1
Epinephelidae	709.8	32,187.3	614.1	26,543.3
Sparidae	57.1	925.0	31.8	540.8
Others	254.0	4,140.6	290.5	4,915.5

Source: Environment Agency - Abu Dhabi



6.1.29 Quantity of Fish Caught by Month

(Tons)

Month	2010	2016	2017	2018
Total	6,556	4,439	4,740	4,892
Jan	1,387	428	673	709
Feb	691	442	472	1,096
Mar	471	413	559	630
Apr	604	260	476	175
May	514	243	287	183
Jun	251	103	103	188
Jul	212	80	125	157
Aug	173	106	117	112
Sep	199	93	132	89
Oct	418	465	516	491
Nov	759	786	500	219
Dec	876	1,020	780	843

Source: Environment Agency - Abu Dhabi

6.1.30 Number of Animals Treated at Veterinary Clinics by Region

Region	2010	2016	2017	2018
Total	1,358,213	702,686	671,424	561,376
Abu Dhabi Region	530,499	176,236	160,546	118,290
Al Ain Region	597,278	297,708	299,503	302,241
Al Dhafra Region	230,436	228,742	211,375	140,845

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.31 Number of Cases Vaccinated by Type of Animal

Type of Animal	2010	2016	2017	2018
Total	4,821,797	9,366,159	7,593,569	5,085,297
Sheep	3,919,529	4,542,188	3,830,480	2,151,692
Goats	857,237	4,806,461	3,757,408	2,927,417
Cattle	45,031	17,510	5,681	6,188

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.32 Number of Incidence of Poultry Diseases by Region

Region	2010	2016	2017	2018
Total	124,613	119,744	78,064	33,804
Abu Dhabi Region	26,806	15,943	20,628	8,704
Al Ain Region	50,596	57,925	13,505	15,064
Al Dhafra Region	47,211	45,876	43,931	10,036

Source: Abu Dhabi Agriculture and Food Safety Authority

# Agricultural Goods Trade

The Emirate of Abu Dhabi enjoys robust foreign trade in agricultural goods supported by its geographical location and its proximity to East Asian countries, in addition to the trade facilities and trade laws and regulations in force. These factors have contributed to the growth and development of commercial exchange of food and other agriculture goods and products through the Emirate’s ports.

## 6.1.33 Value of Imports of Agricultural Goods and Food

(Thousand AED)

Item	2015	2016	2017	2018
<b>Total</b>	<b>8,680,178</b>	<b>7,685,103</b>	<b>7,782,250</b>	<b>7,709,138</b>
Live animals and their products	2,836,390	2,902,101	3,067,774	2,854,709
Vegetable products	2,897,759	2,121,719	2,129,972	2,389,376
Animals or vegetable fats, oils and waxes	396,914	445,529	419,620	336,586
Foodstuffs, beverages, spirits and tobacco	2,424,206	2,142,943	2,098,527	2,057,899
Fertilizers	99,553	57,085	54,303	60,909
Pesticides and rodents, fungi, weeds	25,356	15,726	12,054	9,659

Source: Statistics Centre - Abu Dhabi

\* The 2015-2018 data has been updated according to the source's updated data collection methodology

## 6.1.34 Value of Exports of Agricultural Goods and Food

(Thousand AED)

Item	2015	2016	2017	2018
<b>Total</b>	<b>10,450,015</b>	<b>8,651,218</b>	<b>7,353,615</b>	<b>7,491,182</b>
Live animals and their products	2,200,775	1,813,086	1,838,072	2,390,347
Vegetable products	2,158,013	1,664,336	994,264	623,163
Animals or vegetable fats, oils and waxes	1,283,472	746,395	564,309	568,618
Foodstuffs, beverages, spirits and tobacco	4,467,523	4,186,701	3,832,000	3,759,035
Fertilizers	77,370	63,030	49,678	49,859
Pesticides and rodents, fungi, weeds	262,862	177,670	75,292	100,160

Source: Statistics Centre - Abu Dhabi

\* The 2015-2018 data has been updated according to the source's updated data collection methodology

6.1.35 Value of Re-Exports of Agricultural Goods and Food

(Thousand AED)

Item	2015	2016	2017	2018
Total	3,288,705	3,350,317	2,644,071	3,416,999
Live animals and their products	428,195	303,474	263,089	343,743
Vegetable products	1,935,382	1,528,519	1,266,546	2,025,700
Animals or vegetable fats, oils and waxes	18,484	14,004	13,833	10,071
Foodstuffs, beverages, spirits and tobacco	886,166	1,494,636	1,094,241	1,033,843
Fertilizers	3,243	3,345	1,806	2,051
Pesticides and rodents, fungi, weeds	17,235	6,339	4,556	1,591

Source: Statistics Centre - Abu Dhabi

\*The 2015-2018 data has been updated according to the source's updated data collection methodology

Figure 6.1.8 Value of Imports, Exports, and Re-Exports of Agricultural Goods and Food



Source: Statistics Centre - Abu Dhabi

6.1.36 Quantity and Value of Imports, Exports and Re-Exports of Agricultural Fertilizers

(Quantity in tons, value in thousand AED)

Description	2015	2016	2017	2018
Imports				
Quantity	46,121	34,202	35,102	34,337
Value	99,553	57,085	54,303	60,909
Exports				
Quantity	115,290	25,684	19,280	19,082
Value	77,370	63,030	49,678	49,859
Re-Exports				
Quantity	688	1,468	609	1,235
Value	3,243	3,345	1,806	2,051

Source: Statistics Centre - Abu Dhabi

## 6.2. Environment

In light of the rapid economic and urban development and parallel population growth, environment protection acquires a special significance in the agenda and strategic vision of Abu Dhabi Government as it becomes more profoundly recognized as an indispensable requirement if a sustainable, balanced and comprehensive social development is to be achieved.

Large-scale landscaping and tree plantation attest to the formidable effort being made and the achievements attained in this regard. Although the Emirate of Abu Dhabi is one of the largest exporters of oil worldwide, Abu Dhabi was fast to adopt clean, renewable energy sources, emerging as one of the countries at the forefront of the move towards reducing reliance on conventional energy sources, the underlying cause of increasing carbon dioxide emissions, global warming and climate change. The attention paid to environmental issues by the Emirate of Abu Dhabi has raised the emirate's international profile, especially in the fields of nature conservation, desertification control, protection of land and sea wildlife, establishment of nature reserves and international promotion of research to preserve various species of endangered animals and birds.

As a result, there is an increasing interest on the part of SCAD in providing environmental statistics covering various areas such as climate, air quality, pollutant emissions, water statistics, health and occupational safety and waste statistics. These statistics support policy makers to achieve a sustainable environment in the Emirate of Abu Dhabi.

In 2018, the average minimum temperature of Abu Dhabi Emirate was 23 Co, while the average maximum temperature was 34.8 Co. Average annual rainfall decreased from 81.4 mm in 2017 to 80.2 mm in 2018. Average minimum relative humidity was 25.7% while average maximum relative humidity was 72.3%. Average atmospheric pressure was 1,009.3 hPA. The maximum daily solar radiation exceeded 8,300 Watt /m<sup>2</sup>/h during summer months.

Regarding air quality, the concentrations of air pollutants in 2018 were within their permissible limits. Annual average concentration of particulate matter, with a diameter of 10 micron, ranged between 121.9 and 145.5 mcg/m<sup>3</sup> in the urban areas of the Emirate. The quantity of treated wastewater in 2018 was 300.1 MCM, of which Abu Dhabi region accounted for approximately 76%, where Al Dhafra region did not exceed 4% of the total. Regarding waste statistics, the Emirate of Abu Dhabi generated a daily average up to 26.859 thousand tons of waste in 2018 which is up to approximately 9.8 million tons of non-hazardous waste annually.

Commercial and industry waste accounted for the largest percentage 36% of the total amount of waste generated in the Emirate.

# Climate

The Emirate of Abu Dhabi is located in the tropical dry region. The Tropic of Cancer runs through the southern part of the Emirate, giving its climate an arid nature characterized by high temperatures throughout the year, and a very hot summer.

The Emirate's high summer temperatures are associated with high relative humidity, especially in coastal areas. Abu Dhabi has warm winters with occasionally low temperatures. The air temperatures show a variations between the coastal strip, the desert interior and areas of higher elevation, which together make up the topography of the Emirate. Abu Dhabi receives scant rainfall but totals vary greatly from year to year.

Seasonal northerly winds blow across the country, helping to ameliorate the weather, when they are not laden with dust, in addition to the brief moisture-laden south-easterly winds. The winds often vary between southerly, south-easterly, westerly, northerly and north westerly.

Another characteristic of the Emirate's weather is the high rate of evaporation of water due to several factors, namely high temperature, wind speed, and low rainfall. The National Center of Meteorology and Seismology provides Statistics Center - Abu Dhabi with climate data from stations throughout the Emirate of Abu Dhabi. The Statistics Centre - Abu Dhabi then process it and produce climate data classified into four main areas Abu Dhabi, Al Ain, Al Dhafra and the islands.

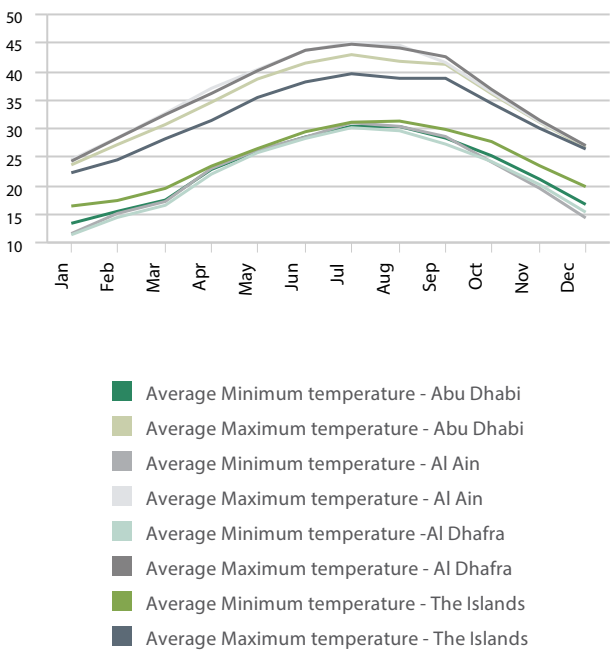
## 6.2.1 Average Air Temperature by Month and Region, 2018

(Degree Celsius)

Month	Abu Dhabi	Al Ain	Al Dhafra	The Islands
January	18.5	17.8	17.7	19.2
February	20.9	21.6	21.2	20.7
March	23.7	25.0	24.7	23.6
April	28.4	30.1	29.2	27.0
May	32.0	33.4	33.1	30.6
June	34.5	36.1	36.1	33.3
July	36.2	38.1	37.5	34.8
August	35.4	37.1	36.6	34.5
September	34.1	34.9	34.8	33.9
October	30.4	30.1	30.5	30.8
November	25.9	25.1	25.7	26.4
December	21.7	20.5	21.0	22.7

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

**Figure 6.2.1 Average maximum and minimum air temperature by month and region, 2018**



Source: Statistics Centre- Abu Dhabi

### 6.2.2 Average Rainfall by Month and Region, 2018

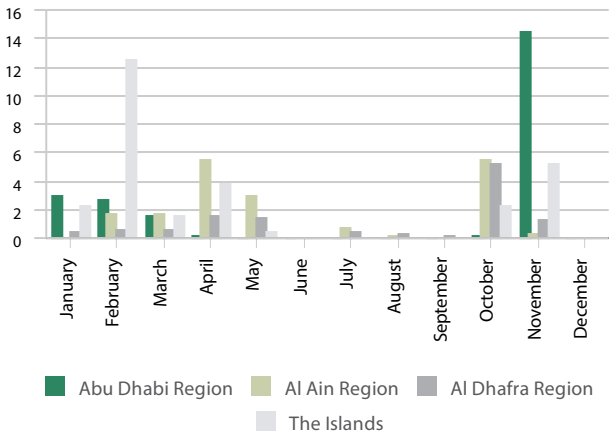
(Millimetres )

Month	Abu Dhabi	Al Ain	Al Dhafra	The Islands
January	2.9	0.0	0.4	2.3
February	2.7	1.7	0.5	12.5
March	1.6	1.6	0.5	1.6
April	0.1	5.4	1.5	3.9
May	0.0	3.0	1.3	0.4
June	0.0	0.1	0.1	0.0
July	0.0	0.7	0.5	0.0
August	0.0	0.1	0.3	0.0
September	0.0	0.0	0.1	0.0
October	0.2	5.5	5.2	2.2
November	14.5	0.3	1.2	5.2
December	0.0	0.0	0.0	0.0

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.



Figure 6.2.2 Average Rainfall by Month and Region, 2018



Source: Statistics Centre- Abu Dhabi.

### 6.2.3 Average Atmospheric Pressure by Month and Region, 2018

(Millimetres )

Month	Abu Dhabi	Al Ain	Al Dhafra	The Islands
January	1017.7	1018.0	1017.2	1018.8
February	1015.7	1016.3	1015.1	1016.8
March	1013.1	1013.5	1012.7	1014.1
April	1009.6	1010.0	1009.2	1010.6
May	1006.7	1007.2	1006.5	1007.7
June	999.3	999.7	999.3	1000.1
July	996.1	996.5	995.9	996.8
August	998.3	998.5	998.0	999.1
September	1005.1	1005.8	1004.7	1005.7
October	1012.7	1013.0	1012.1	1013.4
November	1016.2	1016.6	1015.5	1017.0
December	1018.5	1018.8	1017.8	1019.3

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

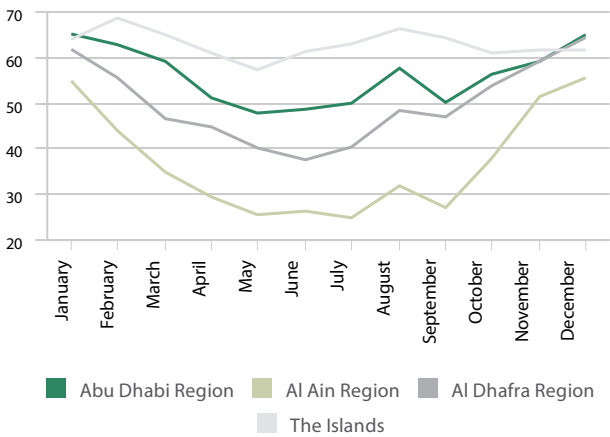
6.2.4 Average relative humidity by Month and Region, 2018

(Hectopascal)

Month	Abu Dhabi	Al Ain	Al Dhafra	The Islands
January	65.2	54.9	61.8	64.0
February	62.8	44.0	55.6	68.7
March	59.2	34.9	46.6	65.0
April	51.2	29.4	44.8	61.0
May	47.8	25.6	40.2	57.3
June	48.7	26.3	37.6	61.3
July	50.0	24.9	40.4	63.0
August	57.7	31.9	48.4	66.3
September	50.2	27.1	47.0	64.3
October	56.3	37.9	53.8	61.0
November	59.2	51.4	59.2	61.7
December	65.0	55.6	64.4	61.7

Source:The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

Figure 6.2.3 Average Relative Humidity by Month and Region, 2018



Source: Statistics Centre- Abu Dhabi.

6.2.5 Average Wind Speed by Month and Region, 2018

(Knot)

Month	Abu Dhabi	AL Ain	Al Dhafra	The Islands
January	11.8	9.7	12.4	17.7
February	12.3	10.8	12.6	16.3
March	11.2	10.7	11.6	13.7
April	14.3	12.7	15.4	18.3
May	13.8	13.7	14.6	16.0
June	14.3	13.3	15.4	17.3
July	12.7	11.3	13.0	14.0
August	13.0	11.1	12.6	14.0
September	13.5	11.8	11.6	12.0
October	12.5	9.8	11.4	12.7
November	14.0	10.6	13.6	19.0
December	10.8	8.4	10.4	14.3

Source:The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

\* Knot = 1.15 mph

6.2.6 Average Daily Sunshine by Month and Region, 2018

(Hours)

Month	Abu Dhabi	AL Ain
January	8.3	9.1
February	8.6	9.5
March	9.6	10.2
April	9.9	10.6
May	10.4	11.2
June	11.2	11.6
July	10.5	11.2
August	10.1	10.8
September	10.1	10.5
October	9.1	9.7
November	8.3	9.0
December	8.5	8.8

Source:The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

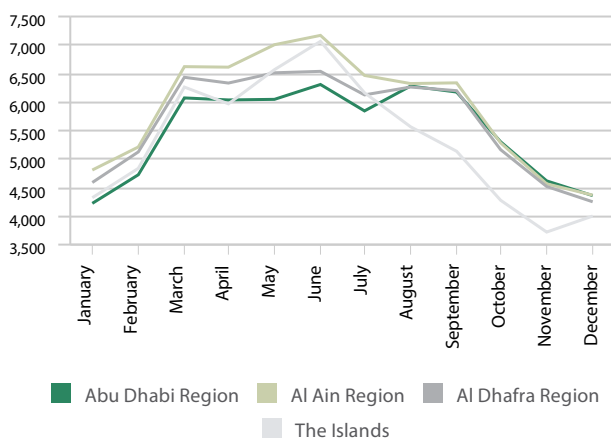
## 6.2.7 Average Daily Total Solar Radiation by Month and Region, 2018

(Watt /m<sup>2</sup>/h)

Month	Abu Dhabi	Al Ain	Al Dhafra	The Islands
January	4223.7	4808.1	4589.2	4322.3
February	4725.3	5212.2	5126.0	4838.0
March	6072.5	6621.0	6434.2	6263.0
April	6037.2	6612.0	6333.2	5969.0
May	6047.5	7005.7	6513.0	6568.0
June	6308.2	7169.0	6538.6	7065.0
July	5844.7	6466.9	6125.8	6163.0
August	6280.7	6324.4	6263.4	5567.0
September	6175.5	6337.0	6199.6	5137.3
October	5303.3	5284.3	5165.0	4278.0
November	4617.8	4566.6	4519.8	3720.3
December	4359.5	4367.7	4251.0	4001.0

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

Figure 6.2.4 Average Daily Total Solar Radiation by Month and Region, 2018



Source: Statistics Centre- Abu Dhabi.

# Air Statistics

Air pollution comes from stationary sources such as power plants and factories and mobile sources such as trucks, cars, and buses. Emissions from these sources reduce air quality, leaving a negative impact on people's health and the balance of ecosystems. Major air pollutants monitored are sulphur dioxide, nitrogen dioxide, particulate matter (PM<sub>10</sub>), ground level-ozone, and carbon monoxide. Air quality in the Emirate of Abu Dhabi is generally good. However, readings vary with different locations, readings from stations close to roads record high rates of pollution due to vehicle exhaust emissions. Likewise, readings taken within the vicinity of oil installations and industrial facilities are the highest in the Emirate. In 2018 annual average concentration of PM<sub>10</sub> ranged between 121.9 and 145.5 mcg/m<sup>3</sup> in the urban areas of the Emirate while annual average concentration of sulphur dioxide ranged between 6.9 and 16.3 mcg/m<sup>3</sup>, which is below the national maximum allowable limit (60 mcg/m<sup>3</sup>).

**6.2.8 Annual Average of Air Pollution Indicators in Urban Areas by Region and Station, 2018**  
(Microgram/m<sup>3</sup>)

Indicator (maximum allowable limit)	Sulphur dioxide (60 mcg/m3)	Nitrogen dioxide	Ground level ozone	Particulate matter - PM10
Abu Dhabi Region				
Khalifa School	13.1	34.8	95.7	121.9
Baniyas School	10.8	35.3	71.1	135.0
Khalifa City	12.6	33.2	89.1	145.5
Al Maqta	12.3	44.6	111.7	128.3
Al Ain Region				
Al Ain School	8.0	35.5	80.8	143.4
Suweihan	10.3	17.6	94.1	136.3
Zakher	9.3	38.1	-	133.1
Al Tawia	6.9	29.5	8.6	134.8
Al Dhafra Region				
Bida Zayed	16.3	15.5	87.6	127.5

Source: Environment Agency - Abu Dhabi.

## 6.2.9 Annual Average of Sulphur Dioxide Concentration in Ambient Air by Region \*

(Microgram/m<sup>3</sup>)

Station location	2015	2016	2017	2018
<b>Abu Dhabi Region</b>				
City centre - Khadija School	8.0	13.6	13.6	15.9
Urban/ residential - Khalifa School	8.7	11.2	11.9	13.1
Road side - Hamdan Street	9.4	13.4	13.1	15.2
Urban/ residential - Baniyas School	7.3	9.4	9.1	10.8
Industrial - Mussafah	11.6	12.4	12.5	14.9
Industrial - Al Mafrq	5.9	10.0	10.1	13.8
Urban/ residential - Khalifa City	10.0	10.4	10.7	12.6
Urban/ residential - Al Maqta	8.1	10.8	10.6	12.3
<b>Al Ain Region</b>				
Urban/ residential - Al Ain School	6.4	6.4	6.5	8.0
Road side - Al Ain Street	4.9	5.4	5.6	6.6
Regional background - Al Qua'a	4.5	5.6	5.0	6.7
Urban/ residential - Suweiha	6.4	8.1	9.1	10.3
City centre - Zakher	8.9	8.1	7.5	9.3
Urban/ residential - Al Tawia	5.8	6.4	7.1	6.9
<b>Al Dhafra Region</b>				
Urban/ residential - Bida Zayed	15.1	15.4	13.7	16.3
Industrial - Ruwais	15.6	20.2	19.1	20.9
City centre - Gayathi School	11.2	12.9	14.0	14.3
Regional background - Liwa Oasis	14.1	10.2	11.7	13.5
Regional background / Industrial - Habshan	17.0	17.7	17.4	19.2

Source: Environment Agency - Abu Dhabi.

\* The annual maximum allowable limit for sulphur dioxide average concentration is 60 mcg/m<sup>3</sup>

## 6.2.10 Annual Average of Nitrogen Dioxide Concentration in Ambient Air by Region

(Microgram/m<sup>3</sup>)

Station location	2015	2016	2017	2018
<b>Abu Dhabi Region</b>				
City centre - Khadija School	35.7	30.8	34.6	37.7
Urban/ residential - Khalifa School	28.3	27.8	33.1	34.8
Road side - Hamdan Street	49.9	50.1	51.3	54.1
Urban/ residential - Baniyas School	30.7	32.2	34.0	35.3
Industrial - Mussafah	49.8	52.4	54.4	52.9
Industrial - Al Mafrq	47.7	45.8	48.9	51.4
Urban/ residential - Khalifa City	25.4	28.2	32.1	33.2
Urban/ residential - Al Maqta	36.9	38.7	45.2	44.6
<b>Al Ain Region</b>				
Urban/ residential - Al Ain School	34.3	32.4	34.3	35.5
Road side - Al Ain Street	42.0	42.7	42.2	41.4
Regional background - Al Qua'a	4.9	4.5	5.3	7.0
Urban/ residential - Suweihan	13.8	13.2	16.8	17.6
City centre - Zakher	31.5	35.2	33.8	38.1
Urban/ residential - Al Tawia	25.2	33.4	33.3	29.5
<b>Al Dhafra Region</b>				
Urban/ residential - Bida Zayed	16.5	14.0	15.1	15.5
Industrial - Ruwais	25.6	24.8	21.7	22.4
City centre - Gayathi School	15.6	14.9	15.6	14.1
Regional background - Liwa Oasis	3.8	4.1	5.8	8.4
Regional background / Industrial - Habshan	13.8	13.1	13.4	19.9

Source: Environment Agency - Abu Dhabi.

## 6.2.11 Annual Average of Ground Level Ozone Concentration in Ambient Air by Region

(Microgram/m<sup>3</sup>)

Station location	2015	2016	2017	2018
<b>Abu Dhabi Region</b>				
City centre - Khadija School	88.9	79.9	91.4	95.7
Urban/ residential - Khalifa School	99.8	91.2	90.3	95.4
Urban/ residential - Baniyas School	115.4	70.9	70.0	71.1
Urban/ residential - Khalifa City	114.4	93.3	83.2	89.7
Urban/ residential - Al Maqta	101.6	80.7	90.2	111.7
<b>Al Ain Region</b>				
Urban/ residential - Al Ain School	94.5	65	68.9	80.8
Regional background - Al Qua'a	117.3	91.7	72.9	72.1
Urban/ residential - Suweihaan	118.2	90.2	92.3	94.1
Urban/ residential - Al Tawia	97.5	92.7	86.9	89.6
<b>Al Dhafra Region</b>				
Urban/ residential - Bida Zayed	123.8	95.9	87.6	87.6
Industrial - Ruwais	115.4	91.9	89.1	96.4
City centre - Gayathi School	105.7	91.8	87.8	98.9
Regional background - Liwa Oasis	117.8	106.6	99.4	114.8
Regional background / Industrial - Habshan	106.3	91.9	86.6	109.2

Source: Environment Agency - Abu Dhabi.



## 6.2.12 Annual Average of Particulate Matter (PM10) Concentration in Ambient Air by Region

(Microgram/m<sup>3</sup>)

Station location	2015	2016	2017	2018
<b>Abu Dhabi Region</b>				
City centre - Khadija School	138.3	117.1	111.8	121.9
Urban/ residential - Khalifa School	118.6	127.1	120.0	132.4
Road side - Hamdan Street	171.6	101	114.0	122.9
Urban/ residential - Baniyas School	142.4	130	129.4	135.0
Industrial - Mussafah	172.1	158.1	146.3	160.4
Industrial - Al Mafrq	174.9	206.9	177.9	164.1
Urban/ residential - Khalifa City	136.1	155.9	120.0	145.5
Urban/ residential - Al Maqta	144.0	136.4	117.9	128.3
<b>Al Ain Region</b>				
Urban/ residential - Al Ain School	124.1	111.7	116.5	143.4
Road side - Al Ain Street	100.8	102.3	103.3	122.9
Regional background - Al Qua'a	138.1	108.9	130.3	154.4
Urban/ residential - Suweiha	132.9	90.8	114.4	136.3
City centre - Zakher	101.9	94.0	125.2	133.1
Urban/ residential - Al Tawia	136.2	100.1	112.7	134.8
<b>Al Dhafra Region</b>				
Urban/ residential - Bida Zayed	134.8	128.7	128.8	127.5
Industrial - Ruwais	139.7	125.6	108.5	116.8
City centre - Gayathi School	115.9	112.4	111.0	124.5
Regional background - Liwa Oasis	168.3	112.8	113.8	123.5
Regional background / Industrial - Habshan	208.1	128.8	119.7	123.9

Source: Environment Agency - Abu Dhabi.

6.2.13 Annual Average of Carbon Monoxide Concentration in Ambient Air by Region

(Milligram/m3)

Station location	2015	2016	2017	2018
Abu Dhabi Region				
Road side - Hamdan Street	1.8	1.4	1.2	0.6
Urban/ residential - Al Maqta	0.8	0.6	0.8	1.2
Al Ain Region				
Road side - Al Ain Street	1	0.6	0.7	0.5
Regional background - Al Qua'a	0.6	0.3	0.3	0.8
Urban/ residential - Suweiha	0.7	0.5	0.5	0.2
Al Dhafra Region				
Industrial - Ruwais	1.1	0.8	1.0	0.4

Source: Environment Agency - Abu Dhabi.

## 6.2.14 Annual Average of Noise Level by Region

(Decibels)

Station location	2015	2016	2017	2018
<b>Abu Dhabi Region</b>				
City centre - Khadija School	-	-	-	58.8
Urban/ residential - Khalifa School	29.1	49	49.3	50.9
Road side - Hamdan Street	64.4	58.7	58.7	62.4
Urban/ residential - Baniyas School	44.6	45.5	-	46.9
Industrial - Mussafah	54.5	53.4	54.1	53.9
Industrial - Al Mafrq	53.3	50.6	47.6	44.2
Urban/ residential - Khalifa City	45.1	45.8	45.3	48.1
Urban/ residential - Al Maqta	47.5	48.5	49.6	50.2
<b>Al Ain Region</b>				
Urban/ residential - Al Ain School	50.3	50.2	50.1	48.8
Road side - Al Ain Street	61.4	61.3	61.4	61.6
Regional background - Al Qua'a	51.3	47.6	41.6	39.0
Urban/ residential - Suweihan	-	-	-	45.9
City centre - Zakher	51.3	49.2	-	49.8
Urban/ residential - Al Tawia	51.7	52.2	-	49.2
<b>Al Dhafra Region</b>				
Urban/ residential - Bida Zayed	39.2	-	50.0	51.3
Industrial - Ruwais	51.6	39.1	37.3	34.4
City centre - Gayathi School	51.5	-	-	53.8
Regional background - Liwa Oasis	42.8	-	-	54.4
Regional background / Industrial - Habshan	54.9	50.9	45.7	55.6

Source: Environment Agency - Abu Dhabi.

6.2.15 Sulphur Oxides Emissions - Oil and Gas Sector

(Tons)

Business sector	2015	2016	2017	2018
Total	363,692	220,249	192,931	369,874
Exploration and Production	11,677	10,067	12,264	8,634
Processing and Refining	301,021	156,219	131,163	313,880
Marketing and Distribution	9,694	7,913	3,396	374
Independent Operators	41,300	46,050	46,108	46,986

Source: Source : Abu Dhabi National Oil Company - ADNOC.

Note: Business sectors had been re-arranged by data source.

6.2.16 Nitrogen Oxides Emissions - Oil and Gas Sector

(Tons)

Business sector	2015	2016	2017	2018
Total	54,335	70,820	69,175	61,568
Exploration and Production	8,263	13,229	14,122	18,714
Processing and Refining	33,126	39,598	39,993	39,457
Marketing and Distribution	10,339	15,324	12,854	1,131
Independent Operators	2,607	2,669	2,206	2,266

Source: Abu Dhabi National Oil Company - ADNOC.

Note: Business sectors had been re-arranged by data source.

## 6.2.17 Volatile Organic Compounds Emissions - Oil and Gas Sector

(Tons)

Business sector	2015	2016	2017	2018
<b>Total</b>	<b>64,457</b>	<b>88,491</b>	<b>109,438</b>	<b>112,237</b>
Exploration and Production	51,608	51,086	48,803	49,767
Processing and Refining	9,367	7,689	7,413	6,634
Marketing and Distribution	2,795	28,577	52,177	54,807
Independent Operators	687	1,138	1,045	1,029

Source: Abu Dhabi National Oil Company - ADNOC.

Note: Business sectors had been re-arranged by data source.

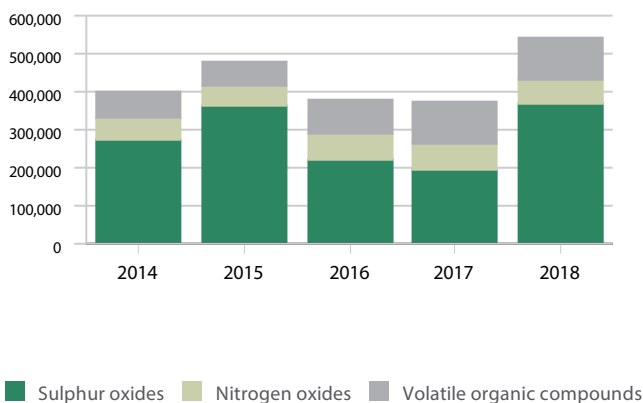
## 6.2.18 Air Pollutant Total Emissions - Oil and Gas Sector

(Tons)

Pollutant	2015	2016	2017	2018
<b>Total</b>	<b>482,485</b>	<b>379,560</b>	<b>371,544</b>	<b>543,679</b>
Sulphur oxides (SOx)	363,692	220,249	192,931	369,874
Nitrogen oxides (NOx)	54,335	70,820	69,175	61,568
Volatile organic compounds (VOC)	64,457	88,491	109,438	112,237

Source: Abu Dhabi National Oil Company - ADNOC

Figure 6.2.5 Air Pollutant Total Emissions - Oil and Gas Sector



Source: Statistics Centre- Abu Dhabi.

## 6.2.19 Carbon Dioxide Emissions - Oil and Gas Sector

(Million tons)

Business sector	2015	2016	2017	2018
<b>Total</b>	<b>33.7</b>	<b>34.1</b>	<b>35.8</b>	<b>34.6</b>
Exploration and Production	3.9	4.4	4.5	4.8
Processing and Refining	27.6	27.4	28.7	28.8
Marketing and Distribution	1.4	1.4	1.8	0.1
Independent Operators	0.8	0.9	0.9	1.0

**Source:** Abu Dhabi National Oil Company - ADNOC.

**Note:** Business sectors had been re-arranged by data source.

## 6.2.20 Sulphur Dioxide Emissions - Water and Electricity Production Sector

(Tons)

Source	2015	2016	2017	2018
<b>Total</b>	<b>1,910.4</b>	<b>1,884.8</b>	<b>1,278.9</b>	<b>1,246.0</b>
Arabian Power Company	399.7	412.0	339.5	329.3
Shuweihat CMS International Power Company	218.0	243.0	236.0	251.0
Emirates CMS Power Company	78.8	27.2	50.4	43.3
Gulf Total Tractebel Power Company	27.1	28.2	28.2	28.1
Taweelah Asia Power Company	641.3	623.5	336.7	349.0
Al Mirfa Power and Distillation Plant	14.3	0.0	14.6	13.2
Ruwais Power Company	127.4	145.6	188.8	163.0
Shuweihat Asia Power Company	403.8	405.3	84.7	69.1

**Source:** Department of Energy - Abu Dhabi

## 6.2.21 Nitrogen Oxides Emissions - Water and Electricity Production Sector

(Tons)

Source	2015	2016	2017	2018
<b>Total</b>	<b>14,381</b>	<b>16,544</b>	<b>15,303</b>	<b>14,023</b>
Arabian Power Company	4,196	4,300	3,739	2,686
Shuweihat CMS International Power Company	2,566	2,936	3,174	2,818
Emirates CMS Power Company	478	466	486	544
Gulf total Tractebel Power Company	2,215	2,293	2,153	2,346
Taweelah Asia Power Company	2,515	3,383	2,744	2,732
Al Mirfa Power and Distillation Plant	270	-	17	43
Ruwais Power Company	1,242	2,064	1,881	1,833
Shuweihat Asia Power Company	898	1,102	1,109	1,021

**Source:** Department of Energy - Abu Dhabi

### 6.2.22 Volatile Organic Compounds Emissions - Water and Electricity Production Sector

(Tons)

Source	2015	2016	2017	2018
<b>Total</b>	<b>248.6</b>	<b>258.8</b>	<b>260.2</b>	<b>257.6</b>
Gulf Total Tractebel Power Company	248.6	258.8	260.2	257.6
Al Mirfa Power and Distillation Plant	-	-	-	-

Source: Department of Energy - Abu Dhabi

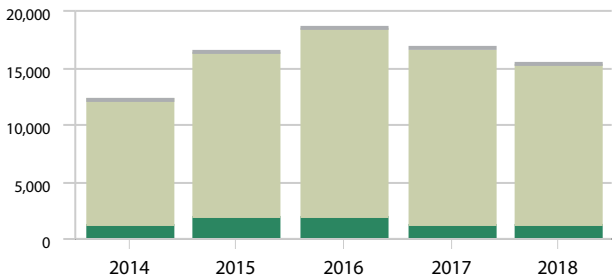
### 6.2.23 Air Pollutant Total Emissions - Water and Electricity Production Sector

(Tons)

Pollutant	2015	2016	2017	2018
<b>Total</b>	<b>16,540</b>	<b>18,686</b>	<b>16,842</b>	<b>15,527</b>
Sulphur dioxide (SO)	1,910	1,885	1,279	1,246
Nitrogen oxides (NOx)	14,381	16,543	15,303	14,023
Volatile organic compounds (VOC)	249	259	260	258

Source: Department of Energy - Abu Dhabi

**Figure 6.2.6 Air Pollutant Total Emissions - Water and Electricity Production Sector**



■ Sulphur dioxide
 ■ Nitrogen oxides
 ■ Volatile organic compounds

Source: Statistics Centre - Abu Dhabi.

6.2.24 Carbon Dioxide Emissions - Water and Electricity Production Sector

(Million tons)

Source	2015	2016	2017	2018
Total	35.4	34.6	37.2	36.2
Arabian Power Company	7.5	8.5	8.4	7.1
Shuweihat CMS International Power Company	5.3	5.4	5.0	5.0
Emirates CMS Power Company	2.8	0.0	2.8	2.9
Gulf Total Tractebel Power Company	5.3	5.9	5.6	5.6
Taweelah Asia Power Company	8.2	8.8	8.8	8.8
Al Mirfa Power and Distillation Plant	0.0	0.0	0.0	0.0
Ruwais Power Company	2.8	3.0	2.9	3.0
Shuweihat Asia Power Company	3.5	3.0	3.8	3.8

Source: Department of Energy - Abu Dhabi

6.2.25 Other Emissions - Water and Electricity Production Sector

(Tons)

Pollutant	2015	2016	2017	2018
Carbon monoxide (CO)	7,995	9,681	7,212	8,661
Lead (Pb)	0.00	0.00	0.02	0.00
Methane (CH)	104	108	109	108
Nitrous oxide (NO)	29	30	30	30

Source: Department of Energy - Abu Dhabi



# Water

The rapid economic and agricultural development and sharp population increase in the Emirate of Abu Dhabi has led to large increases in water demands. On the other hand, reliance on non-conventional water resources, such as desalinated water and reuse of treated wastewater, increased to fill the imbalance between supply and demand.

The Abu Dhabi Region ranked top in the treatment of wastewater accounting for 76% of the Emirate's total treated wastewater in 2018 while Al Dhafra came last in this regard, producing only 4% of the total.

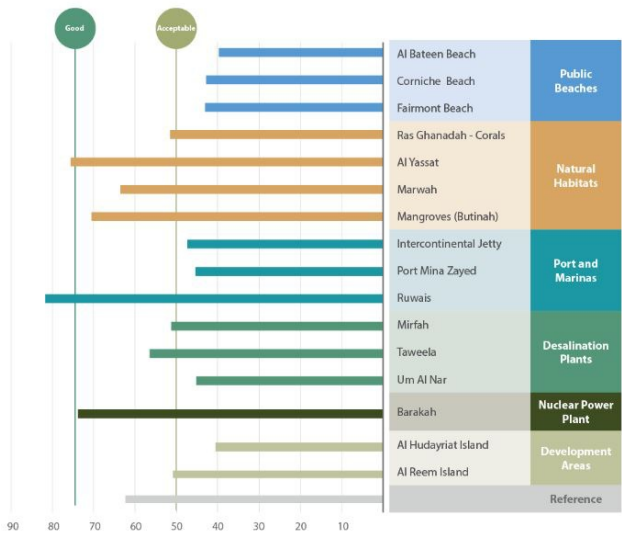
## 6.2.26 Total Non-Conventional Water Resources by Type

(Million cubic metre)

Type	2015	2016	2017	2018
<b>Total</b>	<b>1,319.3</b>	<b>1,281.4</b>	<b>1,275.7</b>	<b>1,251.5</b>
Desalinated water consumption	1,148.5	1,114.9	1,101.3	1,081.9
Treated wastewater reuse	170.8	166.5	174.4	169.6

Source: Statistics Centre - Abu Dhabi.

Figure 6.2.1 Eutrophication Index of Abu Dhabi marine water quality 2018



Source: Environment Agency - Abu Dhabi.

### 6.2.27 Quantity of inflow Wastewater by Region

(Million cubic metre)

Region	2015	2016	2017	2018
<b>Total</b>	<b>344.4</b>	<b>335.6</b>	<b>319.6</b>	<b>311.6</b>
Abu Dhabi Region	259.4	254.1	242.6	237.7
Al Ain Region	71.5	67.7	64.4	62.8
Al Dhafra Region	13.5	13.8	12.6	11.1

Source: Abu Dhabi Sewerage Services Company.

### 6.2.28 Quantity of Treated Wastewater by Region

(Million cubic metre)

Region	2015	2016	2017	2018
<b>Total</b>	<b>332.3</b>	<b>325.9</b>	<b>310.7</b>	<b>300.1</b>
Abu Dhabi Region	251.7	247.1	236.0	228.9
Al Ain Region	67.6	65.3	62.3	60.1
Al Dhafra Region	13.0	13.5	12.4	11.1

Source: Abu Dhabi Sewerage Services Company.

### 6.2.29 Quantity of treated wastewater reuse by region

(Million cubic metre)

Region	2015	2016	2017	2018
<b>Total</b>	<b>170.8</b>	<b>166.5</b>	<b>174.4</b>	<b>169.6</b>
Abu Dhabi Region	95.7	91.1	101.8	99.7
Al Ain Region	64.6	63.7	61.3	59.4
Al Dhafra Region	10.5	11.7	11.3	10.5

Source: Abu Dhabi Sewerage Services Company.

### 6.2.30 Total Wastewater Treatment Plants Capacity by Region

(Million cubic metre)

Region	2015	2016	2017	2018
<b>Total</b>	<b>470.4</b>	<b>474.7</b>	<b>473.2</b>	<b>473.7</b>
Abu Dhabi Region	369.9	370.6	369.4	369.9
Al Ain Region	81.7	82.4	82.2	82.2
Al Dhafra Region	18.8	21.7	21.6	21.6

Source: Abu Dhabi Sewerage Services Company.

# Waste

Interest in waste management and treatment has increased with the accelerated pace of human and economic development. Waste management refers to the collection, transfer, sorting, treatment and disposal of waste materials produced by human and economic activity, with the aim of reducing their effect on environment, health and landscape.

In 2018 a total of 9.8 million tons of waste were in the Emirate of Abu Dhabi, at a rate of 26.859 thousand tons per day. Industrial and commercial waste generated had the highest percentage of waste with 36% from total waste generated in the Emirate of Abu Dhabi, followed by construction and demolition waste with a percentage of 32%. in 2018 Total Non - Hazardous solid waste recycled reach 34% from total non hazardous waste generated.

## 6.2.31 Non-Hazardous Solid Waste Generation by Region and Source Activity, 2018

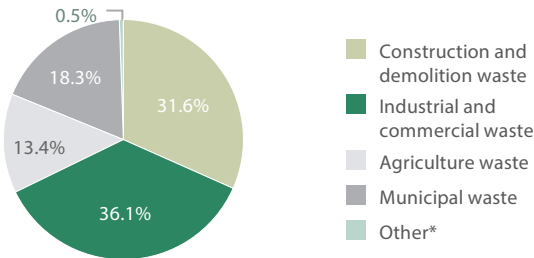
(Tons)

Source	2015	2016	2017	2018
<b>Total</b>	<b>8,420,998</b>	<b>9,598,969</b>	<b>9,477,037</b>	<b>9,803,432</b>
Daily average	23,071	26,227	25,964	26,859
Construction and demolition waste	2,876,313	4,532,379	3,959,319	3,102,631
Industrial and commercial waste	3,306,644	2,692,768	3,169,212	3,543,264
Agriculture waste	493,106	745,644	933,505	1,310,721
Municipal waste	1,678,983	1,561,679	1,372,140	1,793,541
Other*	65,952	66,499	42,861	53,274

Source: The Centre of Waste Management - Abu Dhabi , ADNOC.

\* includes sludge and oil and gas sector waste.

Figure 6.2.7 Percentage Distribution of Non-Hazardous Solid Waste Generation by Region, 2018



Source: Statistics Centre - Abu Dhabi.

6.2.32 Non - Hazardous solid waste by method of disposal

(Tons)

Source	2015	2016	2017	2018
Total	8,420,998	9,598,969	9,477,037	9,803,432
Recycling	2,189,109	2,854,149	2,687,932	3,329,498
Incineration	21,510	9,824	7,514	7,003
Composting	452,627	228,126	209,188	110,351
Landfill	172,794	181,555	561,940	906,164
Dumpsite and other	5,584,958	6,325,315	6,010,463	5,450,416

Source: The Centre of Waste Management - Abu Dhabi , ADNOC.

\* Includes sludge and oil and gas sector waste.

Biodiversity

Abu Dhabi has been keen to conserve biodiversity and rescue endangered species through policies and improved environmental protection practices. The total area of declared and proposed as protected area is 16,084 square kilometers, representing 28.6 % of the Emirate's total area. In the Emirate of Abu Dhabi there are about 1,050 registered species (wild and marine) except for invertebrates. Studies show that there are more than 2,093 registered species of wild arthropods, and 96 % of it are insects, while 436 species of vascular plants were recorded in the Emirate.

6.2.33 Life Total known and threatened species (a)

Class	Total number of known species	Total number of threatened species
Fishes	503.0	30.0
Birds(b)	437.0	15.0
Reptiles(b)	57.0	7.0
Amphibians	2.0	0.0
Mammals(b)	51.0	6.0
Total	1,050.0	58.0
Arthropods (terrestrial)	2,093.0	-
Vascular plants (b)	436.0	8.0

Source: Environment Agency - Abu Dhabi, Statistics Center - Abu Dhabi.

(a) Include species classified under global and/or local red list threatened criteria. (b) Includes terrestrial and marine species.

**6.2.34 Officially declared and proposed protected areas in Abu Dhabi Emirate by type**

Name	Type	Proclamation year	Location	Total area (km)
Marawah Marine Biosphere Reserve	Marine	2001	Al Dhafra	4,255.0
Yasat MPA	Marine	2009	Al Dhafra	2,046.0
Bul Syayeef MPA	Marine	2007	Abu Dhabi District	145.4
Ras Ghanada MPA	Marine	2014	Abu Dhabi District	54.6
Saadiyat Marine National Park	Marine	2014	Abu Dhabi District	59.3
Mangrove National Park	Marine	2014	Abu Dhabi District	9.9
Al Wathba Wetland Reserve (TPA)	Terrestrial	2014	Abu Dhabi District	4.6
Jebal Hafit	Terrestrial	2014	Al Ain	81.0
Al Beda'a	Terrestrial	2014	Al Dhafra	1,264.0
Al Delfaowyah	Terrestrial	2014	Al Dhafra	141.0
Al Tawi	Terrestrial	2014	Al Dhafra	45.0
Bida' Hazza'	Terrestrial	2014	Al Dhafra	77.0
Barqa Al Soqour	Terrestrial	2014	Al Dhafra	79.0
Yaou Al Debsa	Terrestrial	2014	Al Dhafra	212.0
Al Ramlah	Terrestrial	2014	Al Dhafra	544.0
Arabian Oryx PA	Terrestrial	2014	Al Dhafra	5,974.0
Houbara PA (Baynona)	Terrestrial	2014	Al Dhafra	773.0
Qaser Al Sarab PA	Terrestrial	2014	Al Dhafra	308.0
Al Ghada (Al Marzoum)	Terrestrial	2014	Al Dhafra	923.0
<b>Total</b>				<b>16,996.0</b>

**Source:** Environment Agency - Abu Dhabi, Statistics Center - Abu Dhabi.

## 6.3. Energy and Water

### Oil and Gas

Statistical data on the production and use of crude oil and natural gas, in addition to data on production and domestic sales of refined petroleum products, are provided in this section. It reflects the success accomplished by the Emirate of Abu Dhabi in achieving a distinctive and prominent position worldwide in the field of oil and gas. The Emirate of Abu Dhabi is one of the world's major producers of oil, which was first discovered in the Emirate in 1958. The Government has adopted a long-term plan aimed at diversifying the economic base and increasing the contribution of non-oil activities to economic growth in the Emirate. Such diversification is regarded as essential for the balanced and sustainable future growth of the economy of Abu Dhabi.

The Emirate's annual production of crude oil was 1,097,616 thousand barrels in 2018, a increase of 1.5% compared with 2017, While natural gas production reached 2,987,621 million cubic feet in 2018. The annual production of refined petroleum products totaled 49,732 thousand metric tons over the same period.

#### 6.3.1 Production and External Sales of Crude Oil

(Thousand Barrels)

Item	2015	2016	2017	2018
<b>Production</b>				
Volume	1,068,575	1,104,827	1,081,743	1,097,616
Daily average	2,928	3,019	2,964	3,007
<b>External sales</b>				
Volume	892,230	885,474	876,260	802,223
Daily average	2,444	2,419	2,401	2,198

**Source:** Abu Dhabi National Oil Company - ADNOC , Statistics Centre \_ Abu Dhabi

**Note:** Production excludes condensates

**Note:** External sales include external sales to other emirates and outside the UAE

#### 6.3.2 Natural Gas Production

(Million cubic feet)

Item	2015	2016	2017	2018
<b>Production</b>				
Annual production	2,733,804	2,727,711	3,096,178	2,987,621
Daily production	7,490	7,453	8,483	8,185

**Source:** Abu Dhabi National Oil Company - ADNOC , Statistics Centre \_ Abu Dhabi

### 6.3.3 Production and Export of Gas Products

(Thousand Metric Tons)

Type of Products	2017		2018	
	Production	Export	Production	Export
<b>Total</b>	<b>27,237</b>	<b>26,845</b>	<b>25,947</b>	<b>25,232</b>
LNG	5,831	5,565	5,601	5,418
Propane	5,702	5,573	5,198	5,159
Butane	5,100	4,875	4,689	4,498
Pentane (plus)	3,980	4,148	3,663	3,547
Others (sulpher)	6,624	6,684	6,797	6,610

**Source:** Abu Dhabi National Oil Company - ADNOC

**Note:** Excluding condensates

### 6.3.4 Production and Sales of Refined Petroleum Products

(Thousand Metric Tons)

	2015	2016	2017	2018
<b>Production</b>				
Quantity	32,522	40,723	40,852	49,732
Daily Average	89.1	111.3	111.9	136.3
<b>Sales within the State</b>				
Quantity	13,376	16,409	13,385	9,213
Daily average	36.7	44.8	36.7	25.2
<b>Exports</b>				
Quantity	20,564	23,204	24,674	30,197
Daily average	56.3	63.4	67.6	82.7
<b>Crude Oil &amp; Condensates Input (Thousand Barrels/ daily)</b>	<b>640</b>	<b>640</b>	<b>837</b>	<b>888</b>
<b>Refining capacity (Thousand Barrels/ daily)</b>	<b>920</b>	<b>920</b>	<b>922</b>	<b>928</b>

**Source:** Abu Dhabi National Oil Company - ADNOC , Statistics Centre \_ Abu Dhabi

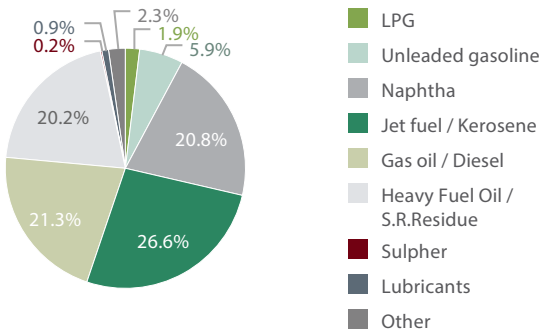
6.3.5 Production of Refined Petroleum Products

(Thousand Metric Tons)

Type of Product	2015	2016	2017	2018
Total	32,522	40,723	40,852	49,732
LPG	785	785	740	951
Unleaded gasoline	3,589	4,678	2,597	2,932
Naphtha	8,619	9,609	9,245	10,353
Jet fuel / Kerosene	9,810	11,044	10,474	13,216
Gas oil / Diesel	7,711	9,517	9,163	10,570
Heavy Fuel Oil / S.R.Residue	1,917	4,732	8,313	10,036
Lubricants	-	234	230	453
Sulphur	91	124	90	98
Other	-	-	-	1,123

Source: Abu Dhabi National Oil Company - ADNOC

Figure 6.3.1 Production of Refined Petroleum Products, 2018 (%)



Source: Abu Dhabi National Oil Company - ADNOC, Statistics Centre \_ Abu Dhabi



### 6.3.6 Sales within State of Refined Petroleum Products

(Thousand Metric Tons)

Type of Product	2017		2018	
	Abu Dhabi Emirate	Other Emirates	Abu Dhabi Emirate	Other Emirates
<b>Total</b>	<b>8,577</b>	<b>4,808</b>	<b>6,761</b>	<b>2,452</b>
LPG	222	-	237	14
Unleaded gasoline	3,192	105	2,523	1885
Jet fuel / Kerosene	3,008	1,246	2,335	-
Gas oil / Diesel	2,137	2,521	1,636	405
Heavy fuel Oil / S.R.Residue	-	930	-	97
Lubricants	18	6	30	52

**Source:** Abu Dhabi National Oil Company - ADNOC

### 6.3.7 Export of Refined Petroleum Products

(Thousand Metric Ton)

Type of Product	2015	2016	2017	2018
<b>Total</b>	<b>20,564</b>	<b>23,204</b>	<b>24,674</b>	<b>30,197</b>
LPG	1,471	1,126	-	-
Unleaded Gasoline	6	10	12	9
Naphtha	7,733	9,658	9,214	9,853
Jet fuel / Kerosene	5,433	6,155	5,992	6,534
Gas oil / Diesel	3,863	4,606	4,715	5,990
Heavy fuel Oil / S.R.Residue	2,058	1,497	4,371	6,958
Lubricants	-	152	370	363
Other	-	-	-	490

**Source:** Abu Dhabi National Oil Company - ADNOC

# Electricity and Water

This section contains statistics on electricity and desalinated water, including: production, consumption, production capacity, the amount of fuel used in production and the transmission networks in the Abu Dhabi, Al Ain and Al Dhafra regions.

The electricity and water activity performs a key role in Abu Dhabi's ambitious economic growth and development plans. Electricity and water activities provide the services that are essential to support the economic and social development of the Emirate. As a result of the growing demand and urban and industrial development witnessed by the Emirate, electricity production in 2018 increased by 1.5 % compared with 2017, reaching 72,586 GWH. The Desalinated water available in the Emirate of Abu Dhabi totaled 240,301 million imperial gallons in 2018

## 6.3.8 Electrical Power Statistics

(MWH)

Item	2015	2016	2017	2018
Total electricity production by companies	66,626,469	68,183,363	71,504,164	72,585,807
Electricity transferred from Emal & Takreer	-	-	-	43,965
Total	66,626,469	68,183,363	71,504,164	72,629,771
Electricity exports from the Emirate of Abu Dhabi	7,890,644	8,897,222	11,345,459	11,822,507
Electricity demand in the Emirate of Abu Dhabi*	58,735,825	59,286,141	60,158,705	60,807,264
Electricity generation capacity (MW)	12,571	12,245	13,647	13,647

Source: Department of Energy

Note: Electricity demand data for 2015 and 2016 were updated by the source

\* Demand include internal electrical consumption by power stations & technical losses through the network

6.3.9 Demand of Electricity by Region

(MWH)

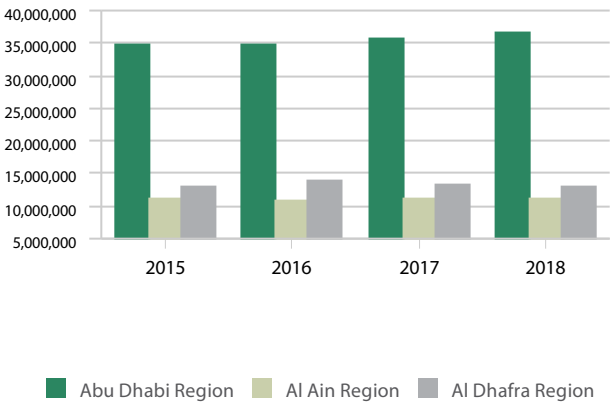
Region	2015	2016	2017	2018
Total*	58,735,825	59,286,141	60,158,705	60,807,264
Abu Dhabi Region	34,850,296	34,760,574	35,768,512	36,594,176
Al Ain Region	11,025,323	10,733,791	11,107,187	11,138,328
Al Dhafra Region	12,860,206	13,791,776	13,283,006	13,074,760

Source: Department of Energy

Note: Electricity demand data for 2015 and 2016 were updated by the source

\* Demand include internal electrical consumption by power stations & technical losses through the network

Figure 6.3.2 Demand of Electricity by Region (MWH)



Source: Department of Energy

### 6.3.10 Percentage of Electricity Consumption by Sector

(%)

Sector	2015	2016	2017	2018
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Domestic	26.9	25.7	26.8	24.4
Commercial	48.2	52.1	48.2	49.3
Government	9.3	6.6	8.1	7.9
Agriculture	5.7	5.7	5.7	6.0
Industry	9.7	9.8	11.2	12.3
Other	0.3	0.1	0.1	0.1

Source: Department of Energy, Statistics Centre-Abu Dhabi

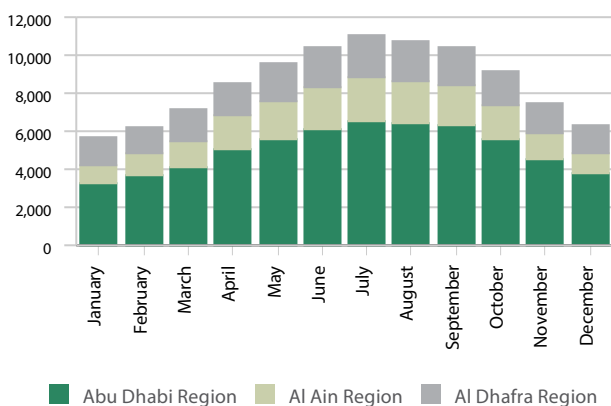
### 6.3.11 Percentage of the Electricity Consumption by Region and Sector, 2018

(%)

Sector	Abu Dhabi	Al Ain	Al Dhafra	Total
Domestic	66.4	33.2	0.4	100.0
Commercial	62.8	10.8	26.4	100.0
Government	59.9	19.9	20.2	100.0
Agriculture	12.3	64.9	22.8	100.0
Industry	79.9	10.1	10.0	100.0
Other	70.7	16.2	13.0	100.0

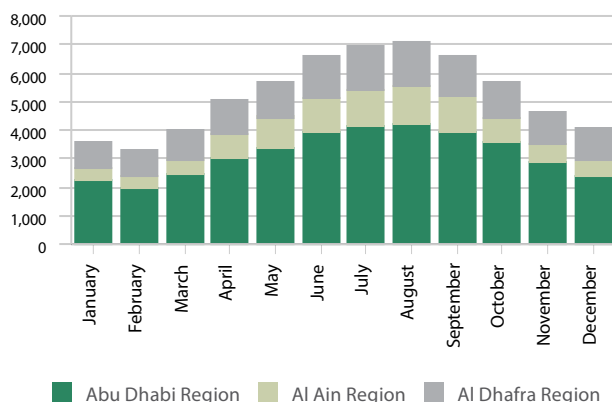
Source: Department of Energy, Statistics Centre-Abu Dhabi

Figure 6.3.3 Peak Monthly Demand by Region (MW), 2018



Source: Department of Energy

**Figure 6.3.4 Minimum Monthly Demand by Region (MW), 2018**



Source: Department of Energy

### 6.3.12 Fuel Consumption of the Electricity and Water Activity

(Billion BTU)

Item	2015	2016	2017	2018
<b>Total</b>	<b>691,471</b>	<b>813,083</b>	<b>829,751</b>	<b>820,751</b>
Natural gas	689,368	812,699	827,705	820,451
Crude oil	984	110	0	0
Gas oil	1,119	274	2,046	300
Fuel oil	0	0	0	0

Source: Department of Energy

Note: The start of the pilot phase of the Mirfa International Water and Electricity Company in 2017 led to an increase in the value of consumption of gas oil

### 6.3.13 Production, Supply and Planned Capacity of Desalinated Water

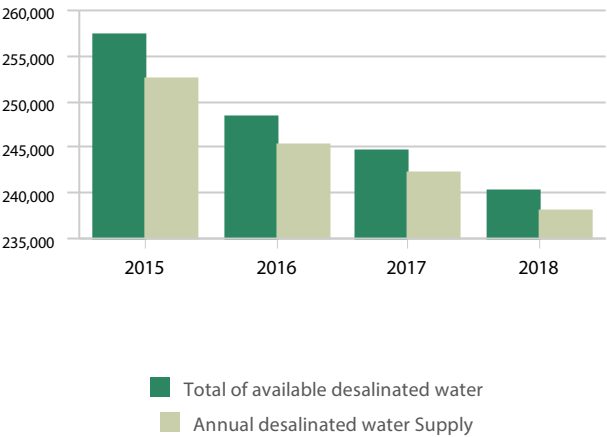
(Million Imperial Gallons)

Item	2015	2016	2017	2018
<b>Total of available desalinated water</b>	<b>257,262</b>	<b>248,303</b>	<b>244,664</b>	<b>240,301</b>
Production	205,818	195,060	196,848	193,466
Import from Al - Fujairah station	51,444	53,243	47,815	46,835
Annual desalinated water Supply	252,628	245,246	242,259	237,982
Daily desalinated water Supply	692	670	664	652
Desalinated water capacity (MG/D)	683	645	697	697

Source: Department of Energy, Statistics Centre - Abu Dhabi

Note: Annual desalinated water supply data has been updated by the source

**Figure 6.3.5 Annual supply and Available Desalinated Water (Million Imperial Gallons )**



Source: Department of Energy

**6.3.14 Desalinated water Supply by Region**

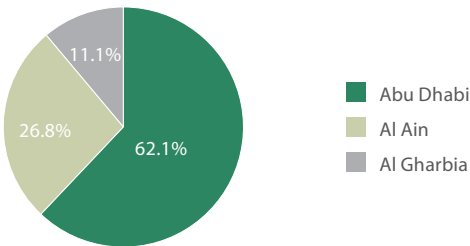
(Million Imperial Gallons)

Region	2015	2016	2017	2018
Total*	252,628	245,246	242,259	237,982
Abu Dhabi Region	152,109	148,646	148,627	147,669
Al Ain Region	68,949	64,882	64,120	63,854
Al Dhafra Region	31,570	31,718	29,512	26,459

Source: Department of Energy

Note: Annual desalinated water Supply data has been updated by the source

**Figure 6.3.6 Desalinated water Supply by Region, 2018 (%)**



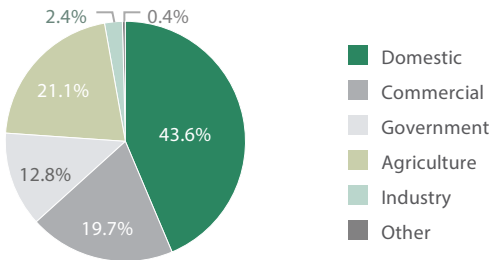
Source: Department of Energy, Statistics Centre - Abu Dhabi

6.3.15 Percentage of Desalinated Water Consumption by Sector (%)

Sector	2015	2016	2017	2018
Total	100	100	100	100
Domestic	47.1	42.7	46.8	43.6
Commercial	20.2	22.9	20.3	19.7
Government	14.5	12	11.3	12.8
Agriculture	15.5	19.7	19	21.1
Industry	2.4	2.6	2.3	2.4
Other	0.3	0.1	0.3	0.4

Source: Department of Energy, Statistics Centre - Abu Dhabi

Figure 6.3.7 Consumption of Desalinated Water by Sector, 2018(%)



Source: Department of Energy, Statistics Centre - Abu Dhabi

**6.3.16 Percentage of Desalinated Water Consumption by Region and Sector, 2018**

(%)

Sector	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Total
Domestic	65.0	21.9	13.1	100.0
Commercial	75.1	13.9	11.1	100.0
Government	66.5	15.5	18.0	100.0
Agriculture	45.5	51.4	3.1	100.0
Industry	73.7	21.2	5.1	100.0
Other	5.3	90.6	4.1	100.0

**Source:** Department of Energy, Statistics Centre - Abu Dhabi

**6.3.17 Water and Electricity Transmission Networks by Region, 2018**

(Km)

Region	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Length of electricity transmission lines	2,600	1,239	4,096
Length of water transmission pipelines	867	1,079	901

**Source:** Department of Energy



# Renewable Energy

In the context of its efforts to diversify energy sources in Abu Dhabi, the Government of Abu Dhabi Emirate is paying special attention to renewable energy.

One of the emirate's Government initiatives in this regard is MASDAR Company, which plays a vital role in promoting the Emirate's leading position in the field of energy beyond the use of oil and gas, simulating the international efforts in decreasing carbon dioxide release that causes Global Warming, thus supporting the process of economic diversification and the development of human resources.

The annual production of renewable energy reached 249,695 MWH in 2018.

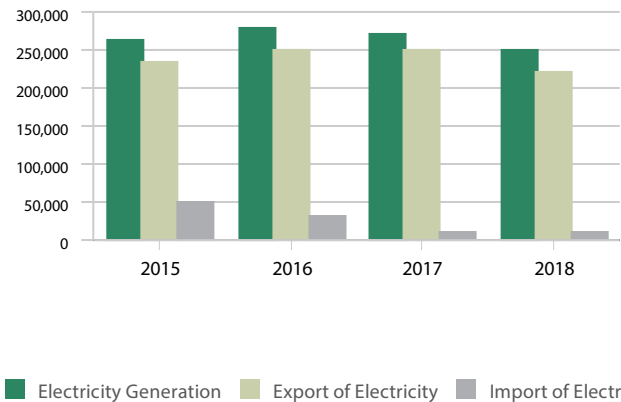
### 6.3.18 Renewable energy statistics

(MWH)

Item	2015	2016	2017	2018
Electricity Generation	264,014	280,085	271,704	249,695
Export of Electricity	233,147	249,725	251,093	220,685
Import of Electricity	50,955	30,360	11,232	10,847
Electricity planned capacity (MW)	111	111	111	111

Source: Abu Dhabi Future Energy Company ( Masdar)  
The production of Shams solar power station started in late 2013

Figure 6.3.8 Renewable energy statistics(MWH)



Source: Abu Dhabi Future Energy Company - Masdar