



مركز الإحصاء
STATISTICS CENTRE

Statistical Yearbook of Abu Dhabi 2017



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

The Statistics Centre - Abu Dhabi (SCAD) is pleased to present the Abu Dhabi Statistical Yearbook – 2017, this latest issue of this annual publication, which closely monitors a whole spectrum of indicators that gauge the comprehensive development taking place across the Emirate under the wise leadership of HH Sheikh Khalifa bin Zayed Al Nahyan, President of the United Arab Emirates and Ruler of Abu Dhabi, and the sustained support and guidance of HH General Sheikh Mohammed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi, Deputy Supreme Commander of the Armed Forces and Chairman of the Executive Council of the Emirate of Abu Dhabi.

The publication of Abu Dhabi Statistical Yearbook 2017 translates SCAD's belief in the importance of timely access to statistical data in decision support and policy making at all public and private levels. SYB 2017 reviews a wide range of development indicators for the period 2010 - 2016, highlighting the major transformations experienced by the emirate in all spheres, including the economy, industry and business, population and demography, society and the labour force, agriculture and the environment, water and energy. etc.

It remains to be noted that despite the thorough efforts made by SCAD in collecting data, conducting surveys and compiling various indicators for this statistical abstract, the credit for the widespread interest in this release among broad segments of society goes also to the collaboration of our strategic partners, namely, local government entities, Federal ministries, and private enterprises, which supplied the centre with a considerable proportion of the datasets required for this publication, realizing the importance of working in true team spirit for the progress of the nation.

Working towards a transformation to fully electronic operations, transactions and procedures, in fulfillment of the "Paperless Centre" project, we would like to note that this will be the last issue of SCAD's SYB to be published in hard copies. Beginning from next year, only electronic copies of the book will be available, with utmost care taken to maintain the quality of the final output, and meet your needs of statistical data and indicators on the Emirate of Abu Dhabi.



Butti Ahmed Mohammed Bin Butti Al Qubaisi

Director General

July 2017

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Units and Abbreviations

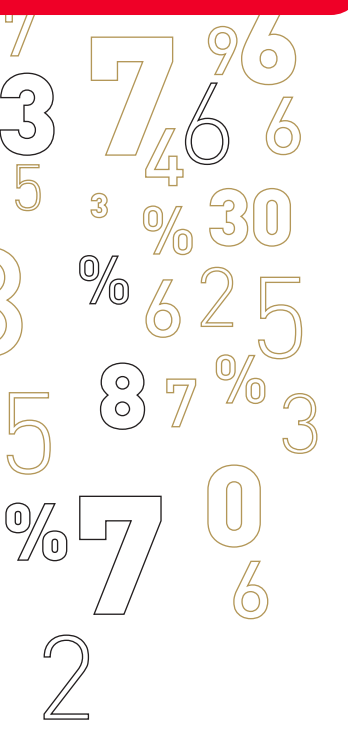
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na , -	= figure not available
0 (0.0)	= less than half of unit concerned
blank	= not applicable
c ^o	= Degree Celsius
GDP	= Gross Domestic Product
No.	= number
mm	= millimetre
kg	= kilogram
km	= kilometre
kwh	= kilowatt hour
mwh	= megawatt hour
BTU	= 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

Creating strategies to ensure development and reform towards a diversified economy in the Emirate of Abu Dhabi are amongst the key objectives of the supreme leadership of the Emirate. The sustained focus on these and other supporting objectives, combined with the competitive edge the emirate enjoys, placed Abu Dhabi's economy in a strong position, 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. Abu Dhabi's economy has strengthened continuously during recent times because of the focus towards the establishment of structures that is supportive of economic diversification and comprehensive 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 became 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 supports policies and decision makers and illustrate the growth and stability achieved by Abu Dhabi's economy during the previous years. The tables also represent data on national accounts, such as the Gross Domestic Product by economic activity at current and at constant prices, which removes the effect of prices and inflation. In addition, growth rates, contribution of economic activities to the GDP and per capita gross domestic product statistics are provided. The chapter also presents data on capital formation by economic activities, compensation of employees at current prices, Abu Dhabi Government finance and other diverse data of economic interest.

2016

GDP at Current Prices (Million AED)	728,518
GDP at 2007 Constant Prices (Million AED)	791,371
GDP at 2007 Constant Prices Growth Rate (%)	2.8
Oil Share in GDP at Current Prices (%)	27.5
GDP Per Capita at Current Prices (Thousand AED)	246.5
GDP Per Capita at 2007 Constant Prices (Thousand AED)	267.8
Gross Fixed Capital Formation (Million AED)	167,227
Foreign Direct Investment (Million AED), 2015	88,095
Oil, Gas and Oil Products Exports of the Emirate of Abu Dhabi (Million AED)	139,036
Non-oil Exports of the Emirate of Abu Dhabi (Million AED)	28,056
Re-exports through the Ports of the Emirate of Abu Dhabi (Million AED)	24,759
Imports of the Emirate of Abu Dhabi (Million AED)	117,805
Inflation Rate (%)	2.0

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 2016 GDP at current prices was AED 728,518 million compared with AED 778,501 million in 2015. As other data of 2016 indicate, the GDP per capita at current prices amounted to AED 246.5 thousand, total fixed capital formation was AED 167,227 million, while the compensation of employees was AED 227,743 million. GDP at constant prices depicts how much goods and services were produced in volume terms and is measured by holding prices constant. GDP at constant prices increased by 2.8% in 2016, following an increase of 4.9% in 2015. The main activities contributing to economic growth in 2016 were 'Information and communication', 'Transportation and storage' and 'Manufacturing' which rose by 6.9%, 5.8% and 3.6%, respectively.

1.1.1 Gross Domestic Product by Economic Activity at Current Prices

(Million AED)

Economic Activity	2013	2014	2015	2016
Total	931,773	960,146	778,501	728,518
Agriculture, forestry and fishing	5,349	5,517	5,699	6,020
Mining and quarrying (includes crude oil and natural gas)	507,824	485,469	273,078	200,672
Manufacturing	46,174	51,900	50,324	50,587
Electricity, gas, and water supply; waste management	21,622	23,765	29,831	32,671
Construction	78,133	83,812	88,782	91,722
Wholesale and retail trade; repair of motor vehicles and motorcycles	32,351	37,187	41,038	42,917
Transportation and storage	32,706	36,166	37,065	39,951
Accommodation and food services	8,215	9,013	9,244	9,572
Information and communication	18,550	20,643	21,293	22,211
Financial and insurance	50,847	61,331	68,555	71,397
Real estate	29,172	35,972	41,177	44,512
Professional, scientific and technical	17,663	18,545	19,016	19,828
Administrative and support services	9,267	10,173	10,811	11,391
Public administration and defence; compulsory social security	48,016	51,620	52,383	52,972
Education	10,226	11,463	11,719	12,263
Human health and social work	10,213	11,224	11,604	12,378
Arts, recreation and other services	2,228	2,294	2,381	2,537
Activities of households as employers	3,216	4,052	4,502	4,918

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

Note: According to the System of National Accounts 2008, the Imputed Bank Service charge was distributed to economic activities

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

(Million AED)

Economic Activity	2013	2014	2015	2016
Total	702,941	733,825	770,011	791,371
Agriculture, forestry and fishing	4,978	5,009	5,084	5,318
Mining and quarrying (includes crude oil and natural gas)	361,502	363,172	379,067	389,428
Manufacturing	37,966	40,481	42,791	44,349
Electricity, gas, and water supply; waste management	17,969	19,787	24,372	25,302
Construction	77,849	80,917	84,678	86,096
Wholesale and retail trade; repair of motor vehicles and motorcycles	24,251	26,750	28,664	29,751
Transportation and storage	20,382	22,103	21,329	22,556
Accommodation and food services	7,265	7,688	7,842	8,056
Information and communication	17,840	19,931	20,584	21,996
Financial and insurance	40,808	48,598	53,493	54,537
Real estate	24,296	27,913	29,867	30,551
Professional, scientific and technical	14,186	14,429	14,094	14,535
Administrative and support services	7,443	7,915	8,012	8,350
Public administration and defence; compulsory social security	28,327	29,748	30,175	29,961
Education	7,051	7,346	7,560	7,688
Human health and social work	6,454	7,100	7,298	7,431
Arts, recreation and other services	1,790	1,785	1,765	1,860
Activities of households as employers	2,583	3,153	3,336	3,605

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

Note: According to the System of National Accounts 2008, the Imputed Bank Service charge was distributed to economic activities

1.1.3 GDP Per Capita at Current Prices

Item	2013	2014	2015	2016*
GDP (Million AED)	931,773	960,146	778,501	728,518
Oil GDP (Million AED)	507,824	485,469	273,078	200,672
Non-oil GDP (Million AED)	423,950	474,676	505,424	527,846
GDP per capita (Thousand AED)	373.8	361.4	279.6	246.5
Oil GDP per capita (Thousand AED)	203.7	182.8	98.1	67.9
Non-oil GDP per capita (Thousand AED)	170.1	178.7	181.5	178.6
GDP per capita annual growth (%)	-4.9	-3.3	-22.6	-11.8
Oil GDP per capita annual growth (%)	-8.6	-10.3	-46.3	-30.8
Non-oil GDP per capita annual growth (%)	0.1	5.1	1.6	-1.6

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

1.1.4 GDP Per Capita at Constant Prices (2007)

Item	2013	2014	2015	2016*
GDP (Million AED)	702,941	733,825	770,011	791,371
Oil GDP (Million AED)	361,502	363,172	379,067	389,428
Non-oil GDP (Million AED)	341,439	370,653	390,944	401,943
GDP per capita (Thousand AED)	282.0	276.2	276.5	267.8
Oil GDP per capita (Thousand AED)	145.0	136.7	136.1	131.8
Non-oil GDP per capita (Thousand AED)	137.0	139.5	140.4	136.0
GDP per capita annual growth (%)	-2.9	-2.0	0.1	-3.2
Oil GDP per capita annual growth (%)	-4.3	-5.7	-0.4	-3.2
Non-oil GDP per capita annual growth (%)	-1.5	1.9	0.6	-3.1

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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

Economic Activity	2013	2014	2015	2016*
Total	2.4	3.0	-18.9	-6.4
Agriculture, forestry and fishing	6.5	3.1	3.3	5.6
Mining and quarrying (includes crude oil and natural gas)	-1.6	-4.4	-43.7	-26.5
Manufacturing	-0.3	12.4	-3.0	0.5
Electricity, gas, and water supply; waste management	0.4	9.9	25.5	9.5
Construction	1.2	7.3	5.9	3.3
Wholesale and retail trade; repair of motor vehicles and motorcycles	11.2	14.9	10.4	4.6
Transportation and storage	7.8	10.6	2.5	7.8
Accommodation and food services	1.2	9.7	2.6	3.5
Information and communication	1.9	11.3	3.1	4.3
Financial and insurance	37.3	20.6	11.8	4.1
Real estate	-7.3	23.3	14.5	8.1
Professional, scientific and technical	1.4	5.0	2.5	4.3
Administrative and support services	0.8	9.8	6.3	5.4
Public administration and defence; compulsory social security	19.2	7.5	1.5	1.1
Education	3.6	12.1	2.2	4.6
Human health and social work	34.6	9.9	3.4	6.7
Arts, recreation and other services	-16.6	2.9	3.8	6.5
Activities of households as employers	54.3	26.0	11.1	9.2

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

Note: According to the System of National Accounts 2008, the Imputed Bank Service charge was distributed to economic activities

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

(%)

Economic Activity	2013	2014	2015	2016*
Total	4.5	4.4	4.9	2.8
Agriculture, forestry and fishing	1.0	0.6	1.5	4.6
Mining and quarrying (includes crude oil and natural gas)	3.1	0.5	4.4	2.7
Manufacturing	3.4	6.6	5.7	3.6
Electricity, gas, and water supply; waste management	2.1	10.1	23.2	3.8
Construction	-1.4	3.9	4.6	1.7
Wholesale and retail trade; repair of motor vehicles and motorcycles	6.7	10.3	7.2	3.8
Transportation and storage	5.0	8.4	-3.5	5.8
Accommodation and food services	4.7	5.8	2.0	2.7
Information and communication	-0.4	11.7	3.3	6.9
Financial and insurance	35.9	19.1	10.1	2.0
Real estate	-4.7	14.9	7.0	2.3
Professional, scientific and technical	0.1	1.7	-2.3	3.1
Administrative and support services	-0.5	6.3	1.2	4.2
Public administration and defence; compulsory social security	18.1	5.0	1.4	-0.7
Education	3.2	4.2	2.9	1.7
Human health and social work	33.2	10.0	2.8	1.8
Arts, recreation and other services	-17.7	-0.3	-1.1	5.4
Activities of households as employers	52.4	22.1	5.8	8.0

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

Note: According to the System of National Accounts 2008, the Imputed Bank Service charge was distributed to economic activities

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

(%)

Economic Activity	2013	2014	2015	2016*
Total	100	100	100	100
Agriculture, forestry and fishing	0.6	0.6	0.7	0.8
Mining and quarrying (includes crude oil and natural gas)	54.5	50.6	35.1	27.5
Manufacturing	5.0	5.4	6.5	6.9
Electricity, gas, and water supply; waste management	2.3	2.5	3.8	4.5
Construction	8.4	8.7	11.4	12.6
Wholesale and retail trade; repair of motor vehicles and motorcycles	3.5	3.9	5.3	5.9
Transportation and storage	3.5	3.8	4.8	5.5
Accommodation and food services	0.9	0.9	1.2	1.3
Information and communication	2.0	2.1	2.7	3.0
Financial and insurance	5.5	6.4	8.8	9.8
Real estate	3.1	3.7	5.3	6.1
Professional, scientific and technical	1.9	1.9	2.4	2.7
Administrative and support services	1.0	1.1	1.4	1.6
Public administration and defence; compulsory social security	5.2	5.4	6.7	7.3
Education	1.1	1.2	1.5	1.7
Human health and social work	1.1	1.2	1.5	1.7
Arts, recreation and other services	0.2	0.2	0.3	0.3
Activities of households as employers	0.3	0.4	0.6	0.7

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

Note: According to the System of National Accounts 2008, the Imputed Bank Service charge was distributed to economic activities

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

(%)

Economic Activity	2013	2014	2015	2016*
Total	100	100	100	100
Agriculture, forestry and fishing	0.7	0.7	0.7	0.7
Mining and quarrying (includes crude oil and natural gas)	51.4	49.5	49.2	49.2
Manufacturing	5.4	5.5	5.6	5.6
Electricity, gas, and water supply; waste management	2.6	2.7	3.2	3.2
Construction	11.1	11.0	11.0	10.9
Wholesale and retail trade; repair of motor vehicles and motorcycles	3.4	3.6	3.7	3.8
Transportation and storage	2.9	3.0	2.8	2.9
Accommodation and food services	1.0	1.0	1.0	1.0
Information and communication	2.5	2.7	2.7	2.8
Financial and insurance	5.8	6.6	6.9	6.9
Real estate	3.5	3.8	3.9	3.9
Professional, scientific and technical	2.0	2.0	1.8	1.8
Administrative and support services	1.1	1.1	1.0	1.1
Public administration and defence; compulsory social security	4.0	4.1	3.9	3.8
Education	1.0	1.0	1.0	1.0
Human health and social work	0.9	1.0	0.9	0.9
Arts, recreation and other services	0.3	0.2	0.2	0.2
Activities of households as employers	0.4	0.4	0.4	0.5

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

Note: According to the System of National Accounts 2008, the Imputed Bank Service charge was distributed to economic activities

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

(%)

Item	2013	2014	2015	2016
Total trade	66.9	50.1	45.5*	42.5*
Total exports	56.1	38.8	30.2*	26.3*
Oil, gas and oil products exports	52.6	34.2	23.8*	19.1*
Non-oil exports	1.7	2.0	4.0	3.9
Re- exports	1.8	2.6	2.4	3.4
Imports	10.8	11.2	15.3	16.2
Net trade in goods	45.4	27.6	14.8*	10.2*

Source: Source : Statistics Centre - Abu Dhabi

* Preliminary estimates

1.1.10 Gross Fixed Capital Formation by Economic Activity at Current Prices

(Million AED)

Economic Activity	2013	2014	2015	2016
Total	142,667	165,624	177,408	167,227
Agriculture, forestry and fishing	612	664	701	718
Mining and quarrying (includes crude oil and natural gas)	27,620	29,176	44,082	32,326
Manufacturing	23,440	19,691	12,911	12,937
Electricity, gas, and water supply; waste management	6,714	7,912	10,185	11,656
Construction	3,877	4,438	4,526	4,795
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,160	2,743	3,168	3,423
Transportation and storage	12,756	22,630	25,047	26,050
Accommodation and food services	762	1,162	1,047	1,101
Information and communication	2,352	2,087	2,981	3,210
Financial and insurance	2,192	2,884	3,501	3,602
Real estate	27,627	34,345	37,420	39,634
Professional, scientific and technical	806	644	570	590
Administrative and support services	1,062	1,585	1,628	1,709
Public administration and defence; compulsory social security	24,568	29,272	21,993	17,658
Education	3,225	2,873	3,634	3,685
Human health and social work	2,655	3,259	3,761	3,875
Arts, recreation and other services	240	259	252	259

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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

(%)

Economic Activity	2013	2014	2015	2016*
Total	100	100	100	100
Agriculture, forestry and fishing	0.4	0.4	0.4	0.4
Mining and quarrying (includes crude oil and natural gas)	19.4	17.6	24.8	19.3
Manufacturing	16.4	11.9	7.3	7.7
Electricity, gas, and water supply; waste management	4.7	4.8	5.7	7.0
Construction	2.7	2.7	2.6	2.9
Wholesale and retail trade; repair of motor vehicles and motorcycles	1.5	1.7	1.8	2.0
Transportation and storage	8.9	13.7	14.1	15.6
Accommodation and food services	0.5	0.7	0.6	0.7
Information and communication	1.6	1.3	1.7	1.9
Financial and insurance	1.5	1.7	2.0	2.2
Real estate	19.4	20.7	21.1	23.7
Professional, scientific and technical	0.6	0.4	0.3	0.4
Administrative and support services	0.7	1.0	0.9	1.0
Public administration and defence; compulsory social security	17.2	17.7	12.4	10.6
Education	2.3	1.7	2.0	2.2
Human health and social work	1.9	2.0	2.1	2.3
Arts, recreation and other services	0.2	0.2	0.1	0.2

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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

(%)

Economic Activity	2013	2014	2015	2016*
Total	15.3	17.2	22.8	23.0
Agriculture, forestry and fishing	0.1	0.1	0.1	0.1
Mining and quarrying (includes crude oil and natural gas)	3.0	3.0	5.7	4.4
Manufacturing	2.5	2.1	1.7	1.8
Electricity, gas, and water supply; waste management	0.7	0.8	1.3	1.6
Construction	0.4	0.5	0.6	0.7
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.2	0.3	0.4	0.5
Transportation and storage	1.4	2.4	3.2	3.6
Accommodation and food services	0.1	0.1	0.1	0.2
Information and communication	0.3	0.2	0.4	0.4
Financial and insurance	0.2	0.3	0.4	0.5
Real estate	3.0	3.6	4.8	5.4
Professional, scientific and technical	0.1	0.1	0.1	0.1
Administrative and support services	0.1	0.2	0.2	0.2
Public administration and defence; compulsory social security	2.6	3.0	2.8	2.4
Education	0.3	0.3	0.5	0.5
Human health and social work	0.3	0.3	0.5	0.5
Arts, recreation and other services	0.0	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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

(%)

Economic Activity	2013	2014	2015	2016*
Total	-16.0	16.1	7.1	-5.7
Agriculture, forestry and fishing	7.0	8.5	5.6	2.4
Mining and quarrying (includes crude oil and natural gas)	-21.7	5.6	51.1	-26.7
Manufacturing	-35.9	-16.0	-34.4	0.2
Electricity, gas, and water supply; waste management	2.7	17.8	28.7	14.4
Construction	7.5	14.5	2.0	6.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	9.6	27.0	15.5	8.0
Transportation and storage	-33.0	77.4	10.7	4.0
Accommodation and food services	44.3	52.5	-9.9	5.1
Information and communication	-60.0	-11.3	42.9	7.7
Financial and insurance	-52.9	31.6	21.4	2.9
Real estate	10.0	24.3	9.0	5.9
Professional, scientific and technical	20.4	-20.0	-11.6	3.5
Administrative and support services	-50.6	49.2	2.8	5.0
Public administration and defence; compulsory social security	8.8	19.1	-24.9	-19.7
Education	30.9	-10.9	26.5	1.4
Human health and social work	28.1	22.8	15.4	3.0
Arts, recreation and other services	173.2	8.0	-2.5	2.7

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 2016, net trade in goods accounted for 10.2% of the GDP, reflection 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.

Commodity imports in goods through the ports of the Emirate Abu Dhabi were valued at AED 117.8 billion in 2016 compared with AED 119.3 billion in 2015. The main imports during 2016 were 'Machinery, sound recorder, reproducers and parts', which accounted for 27.7% of the total value. The United States of America was the main country for imports, from which the Emirate received goods worth AED 21.7 billion. Non-oil exports were valued at AED 28.1 billion, with Plastic, rubber and articles thereof' contributing 47.7% of the total. China was the top destination of Abu Dhabi non-oil exports, receiving goods worth AED 5.2 billion from the Emirate in 2016.

Re-exports in 2016 were valued at AED 24.8 billion compared with AED 18.8 billion in 2015. The top category during 2016 was 'Machinery, sound recorders, reproducers and parts', which contributed 26.7% of the re-exports total. The Saudi Arabia was the top country destination for re-exports with goods valued at AED 3.0 billion. The value of imports in goods from Asian countries through the ports of the Emirate of Abu Dhabi was AED 55.2 billion during 2016 compared with AED 52.1 billion in 2015. The value of non-oil exports in goods to Asian countries through the ports of the Emirate of Abu Dhabi was AED 21.1 billion while re-exports to Asian countries amounted to AED 19.8 billion.

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

(Million AED)

Item	2013	2014	2015	2016
Total trade in goods	623,160	480,713	354,183*	309,655*
Total exports of goods	522,905	372,737	234,856*	191,851*
Oil, gas and oil products	490,460	328,457	185,227*	139,036*
Non-oil exports of goods	15,996	18,964	30,803	28,056
Re-exports	16,449	25,316	18,826	24,759
Imports of goods	100,255	107,976	119,328	117,805
Net trade in goods	422,649	264,761	115,528*	74,046*

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

Oil, gas and oil products 2015 and 2016 does not include Exports of liquefied natural gas data

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

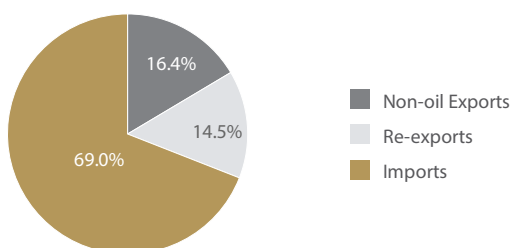
(%)

Item	2013	2014	2015	2016
Total trade in goods	100.0	100.0	100.0	100.0
Total exports of goods	83.9	77.5	66.3*	62.0*
Oil, gas and oil products	78.7	68.3	52.3*	44.9*
Non-oil exports of goods	2.6	3.9	8.7	9.1
Re-exports	2.6	5.3	5.3	8.0
Imports of goods	16.1	22.5	33.7	38.0
Net trade in goods	67.8	55.1	32.6*	23.9*

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, 2016



1.2.3 Trade Balance of Non-oil Trade in Goods through the Ports of the Emirate of Abu Dhabi by Sections of the Harmonized System (HS) at Current Prices, 2016

(Million AED)

Description	Exports	Re-exports	Imports	Balance
Total	28,055.6	24,759.2	117,804.6	-64,989.8
Live animals and products thereof	407.2	17.0	2,902.0	-2,477.8
Vegetable products	77.9	12.3	2,121.8	-2,031.6
Animals or vegetable fats, oil and waxes	219.7	0.6	445.5	-225.3
Foodstuffs, beverages, spirits and tobacco	672.8	887.7	2,142.7	-582.3
Mineral products	143.4	14.2	3,373.9	-3,216.2
Products of the chemical or allied industries	347.1	955.4	9,070.0	-7,767.5
Plastic, rubber and articles thereof	13,384.3	292.4	4,214.3	9,462.5
Articles of leather and animal gut; travel goods	2.6	76.3	113.9	-35.0
Articles of wood, cork; basketware and wickerwork	12.5	31.3	226.1	-182.3
Pulp of wood, waste, scrap and article of paper	378.4	70.1	1,053.1	-604.6
Textiles and textile articles	192.3	2,224.3	895.7	1,520.9
Footwear, umbrella, articles of feather and hair	3.9	567.1	235.0	335.9
Articles of stone, mica; ceramic products and glass	239.6	113.2	1,533.7	-1,181.0
Pearls, stones, precious metals and articles thereof	3,372.5	6,564.2	5,421.9	4,514.8
Base metals and articles of base metals	7,624.1	430.7	17,857.1	-9,802.3
Machinery, sound recorder, reproducers and parts	348.5	6,609.3	32,586.2	-25,628.5
Transport vehicles	515.2	5,064.5	29,503.0	-23,923.4
Photographic, medical, musical instruments and parts	42.5	305.5	2,790.7	-2,442.7
Miscellaneous manufactured articles	45.4	177.1	1,240.4	-1,017.9
Work of art, collectors pieces and antiques	25.8	346.1	77.5	294.4

Source: Statistics Centre - Abu Dhabi

1.2.4 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	2013	2014	2015	2016
Total	32.4	41.0	41.6	44.8
Live animals and products thereof	6.8	7.8	29.3	14.6
Vegetable products	2.2	2.3	3.2	4.3
Animals or vegetable fats, oil and waxes	49.9	52.0	41.9	49.4
Foodstuffs, beverages, spirits and tobacco	10.0	9.3	25.2	72.8
Mineral products	2.8	4.0	5.9	4.7
Products of the chemical or allied industries	15.3	12.7	16.3	14.4
Plastic, rubber and articles thereof	101.0	129.2	109.5	324.5
Articles of leather and animal gut; travel goods	167.6	144.1	101.1	69.3
Articles of wood, cork; basketware and wickerwork	11.8	18.6	21.4	19.4
Pulp of wood, waste, scrap and article of paper	28.8	31.5	35.0	42.6
Textiles and textile articles	227.1	213.4	269.3	269.8
Footwear, umbrella, articles of feather and hair	336.8	166.2	271.9	243.0
Articles of stone, mica; ceramic products and glass	26.4	27.7	28.7	23.0
Pearls, stones, precious metals and articles thereof	116.0	16,554.5	542.7	183.3
Base metals and articles of base metals	40.8	47.8	40.7	45.1
Machinery, sound recorder, reproducers and parts	37.6	29.8	19.7	21.4
Transport vehicles	18.1	16.6	16.2	18.9
Photographic, medical, musical instruments and parts	13.5	14.8	11.5	12.5
Arms and ammunition; parts and accessories	0.0	0.0	0.0	0.0
Miscellaneous manufactured articles	22.4	26.5	19.7	17.9
Work of art, collectors pieces and antiques	369.6	239.3	523.4	479.7

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Non-oil Exports of Goods	2013	2014	2015	2016
Total	15,996.1	18,963.6	30,802.8	28,055.6
Agricultural raw materials exports	23.2	56.0	49.3	48.8
Food products	526.1	641.9	1,585.8	1,323.3
Manufactured products	10,956.1	12,471.4	12,487.0	18,630.4
Ores and metals	4,429.2	5,724.4	3,879.7	4,925.5
Other goods	61.4	69.9	12,800.9	3,127.7

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Description	2013	2014	2015	2016
Total	15,996.1	18,963.6	30,802.8	28,055.6
Live animals and products thereof	126.7	186.2	804.6	407.2
Vegetable products	62.3	57.5	67.9	77.9
Animals or vegetable fats, oil and waxes	183.0	204.5	165.8	219.7
Foodstuffs, beverages, spirits and tobacco	182.0	217.3	587.6	672.8
Mineral products	168.5	153.5	189.2	143.4
Products of the chemical or allied industries	301.6	368.6	425.5	347.1
Plastic, rubber and articles thereof	5,000.9	6,709.7	6,042.0	13,384.3
Articles of leather and animal gut; travel goods	1.5	2.5	2.9	2.6
Articles of wood, cork; basket ware and wickerwork	5.6	13.4	12.6	12.5
Pulp of wood, waste, scrap and article of paper	285.1	301.3	319.7	378.4
Textiles and textile articles	131.5	201.7	251.7	192.3
Footwear, umbrella, articles of feather and hair	2.1	2.4	5.2	3.9
Articles of stone, mica; ceramic products and glass	287.1	309.8	303.8	239.6
Pearls, stones, precious metals and articles thereof	3.9	6.1	13,079.6	3,372.5
Base metals and articles of base metals	7,955.3	9,051.9	7,193.3	7,624.1
Machinery, sound recorder, reproducers and parts	747.6	849.9	643.6	348.5
Transport vehicles	502.9	233.9	640.8	515.2
Photographic, medical, musical instruments and parts	6.1	13.6	6.0	42.5
Arms and ammunition; parts and accessories	0.0	0.0	0.0	0.0
Miscellaneous manufactured articles	35.6	71.6	53.2	45.4
Work of art, collectors pieces and antiques	6.8	8.3	7.8	25.8

Source: Department of Finance - Customs Administration

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

(Million AED)

Non-oil Exports of Goods	2013	2014	2015	2016
Total	15,996.1	18,963.6	30,802.8	28,055.6
Capital goods	822.7	797.3	1,109.4	479.6
Intermediate goods	14,281.1	17,274.8	27,167.2	24,880.2
Final consumption goods	892.3	891.5	2,526.2	2,695.8

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Continent	2015		2016	
	Value	%	Value	%
Total	30,802.8	100.0	28,055.6	100.0
Asia	20,949.8	68.0	21,102.5	75.2
Europe	8,090.3	26.3	3,730.2	13.3
Africa	1,123.4	3.6	2,267.3	8.1
Northern America	492.2	1.6	843.7	3.0
Australia and Oceania	106.9	0.3	83.2	0.3
South America	40.1	0.1	28.7	0.1

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Countries	2015		2016	
	Value	%	Value	%
Total	30,802.8	100.0	28,055.6	100.0
China	2,649.4	8.6	5,186.3	18.5
Saudi Arabia	9,035.5	29.3	3,920.2	14.0
India	979.3	3.2	2,631.5	9.4
Switzerland	6,559.8	21.3	2,240.0	8.0
Singapore	1,118.7	3.6	1,857.1	6.6
Qatar	1,446.5	4.7	1,684.1	6.0
Pakistan	196.8	0.6	1,011.7	3.6
Arab Republic of Egypt	501.9	1.6	966.8	3.4
Oman	983.7	3.2	950.6	3.4
Kuwait	1,354.9	4.4	905.2	3.2
Others	5,976.2	19.4	6,702.2	23.9

Source: Department of Finance - Customs Administration

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

(Million AED)

Countries	2015		2016	
	Value	%	Value	%
Total	13,284.3	100.0	7,973.1	100.0
Saudi Arabia	9,035.5	68.0	3,920.2	49.2
Qatar	1,446.5	10.9	1,684.1	21.1
Oman	983.7	7.4	950.6	11.9
Kuwait	1,354.9	10.2	905.2	11.4
Kingdom of Bahrain	463.7	3.5	513.0	6.4

Source: Department of Finance - Customs Administration

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

(Million AED)

Mode of Shipping	2015		2016	
	Value	%	Value	%
Total	30,802.8	100.0	28,055.6	100.0
Land	7,698.9	25.0	7,029.6	25.1
Sea	8,840.5	28.7	17,129.7	61.1
Air	14,263.4	46.3	3,896.4	13.9

Source: Department of Finance - Customs Administration

The Emirate of Abu Dhabi exported 0.58 billion barrels of crude oil in 2016. Japan was the top importer receiving around 32.2% of the Emirate's total crude oil exports. In 2016, the Emirate exported 20.6 million metric tons of refined petroleum products, of which Japan bought 21.1%, followed by Netherlands, which purchased 12.1%.

LNG exports decreased by AED 3.1 billion in 2014 compared with 2013, reaching AED 17.0 billion. Japan was the most significant importer with 97.8% of the LNG exports value. The Emirate imported 773.4 billion cubic feet of natural gas in 2016, at a daily average of 2.1 billion cubic feet.

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

(Thousand Barrels)

Countries	2015		2016	
	Volume	%	Volume	%
Total	661,098.7	100.0	581,205.1	100.0
Japan	225,352.0	34.1	187,074.4	32.2
India	85,830.5	13.0	88,051.8	15.1
Thailand	91,340.9	13.8	75,710.7	13.0
Republic of Korea	74,836.0	11.3	55,484.7	9.5
China	45,955.1	7.0	45,897.1	7.9
Singapore	49,670.4	7.5	41,262.7	7.1
Pakistan	31,919.2	4.8	30,680.6	5.3
Sri Lanka	5,434.6	0.8	12,733.9	2.2
Taiwan	19,884.0	3.0	14,066.9	2.4
Kiribati	879.8	0.1	5,150.9	0.9
Australia	12,648.7	1.9	5,216.6	0.9
South Africa	5,542.1	0.8	4,839.1	0.8
Bangladesh	3,023.0	0.5	4,434.7	0.8
Malaysia	3,834.4	0.6	3,418.4	0.6
Netherlands	607.5	0.1	4,025.7	0.7
Philippines	481.3	0.1	1,813.1	0.3
France	3.1	0.0	500.0	0.1
United Kingdom	0.0	0.0	500.0	0.1
United Republic of Tanzania	959.6	0.1	344.1	0.1
others	2,896.4	0.4	0.0	0.0

Source: Abu Dhabi National Oil Company - ADNOC

* Preliminary estimates

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

(Metric Tons)

Countries	2015*		2016*	
	Volume	%	Volume	%
Total	18,321,049.5	100.0	20,611,590.4	100.0
Japan	3,449,482.4	18.8	4,348,289.1	21.1
Netherlands	2,232,374.9	12.2	2,490,653.1	12.1
Republic of Korea	1,970,700.8	10.8	2,755,767.5	13.4
China	1,581,567.1	8.6	1,948,810.0	9.5
Singapore	2,258,214.3	12.3	1,661,893.2	8.1
France	256,163.1	1.4	1,325,429.7	6.4
Taiwan	1,253,932.3	6.8	1,207,787.3	5.9
India	611,897.0	3.3	1,029,819.0	5.0
Malaysia	980,216.9	5.4	802,592.4	3.9
Gibraltar	288,175.2	1.6	563,539.2	2.7
Kenya	367,920.3	2.0	459,970.0	2.2
Thailand	406,787.0	2.2	513,673.9	2.5
Italy	529,398.2	2.9	374,628.8	1.8
Spain	856,707.0	4.7	454,691.8	2.2
Indonesia	0.0	0.0	156,214.0	0.8
Jabel Ali Port	159,022.0	0.9	62,741.1	0.3
Brazil	316,376.9	1.7	62,853.3	0.3
Philippines	0.0	0.0	54,803.6	0.3
Saudi Arabia	49,826.9	0.3	89,844.0	0.4
Morocco	0.0	0.0	50,868.0	0.2
Eritrea	46,300.6	0.3	60,264.4	0.3
United States of America	87,404.4	0.5	27,253.8	0.1
United Republic of Tanzania	20,636.1	0.1	36,974.5	0.2
Malta	0.0	0.0	31,345.3	0.2
Senegal	0.0	0.0	27,361.8	0.1
Others	597,945.9	3.3	13,521.7	0.1

Source: Abu Dhabi National Oil Company - ADNOC

* Preliminary estimates

1.2.14 Natural Gas Imports of the Emirate of Abu Dhabi

(Million Cubic Feet)

Item	2013	2014	2015	2016
Volume of imports	833,212.4	820,191.1	768,357.0	773,366.4
Daily average	2,282.8	2,247.1	2,105.1	2,118.8

Source: Statistics Centre - Abu Dhabi

1.2.15 Exports of Liquefied Natural Gas of the Emirate of Abu Dhabi by Country

(Million AED)

Countries	2013		2014	
	Value	%	Value	%
Total	20,061.0	100.0	16,940.0	100.0
Japan	10,957.0	54.6	16,571.0	97.8
South Korea	3,790.0	18.9	240.8	1.4
India	3,242.0	16.2	128.9	0.8
Taiwan	1,032.0	5.1	0.0	0.0
Others	1,040.0	5.2	0.0	0.0

Source: Abu Dhabi National Oil Company - ADNOC

1.2.16 Liquefied Natural Gas Exports of the Emirate of Abu Dhabi by Continent

(Million AED)

Continent	2013		2014	
	Value	%	Value	%
Total	20,061.0	100.0	16,940.0	100.0
Asia	20,061.0	100.0	16,940.0	100.0

Source: Abu Dhabi National Oil Company - ADNOC

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

(Million AED)

Re-exports of Goods	2013	2014	2015	2016
Total	16,448.6	25,315.9	18,825.8	24,759.2
Agricultural raw materials	12.4	7.6	11.5	13.6
Food products	71.0	52.0	49.8	112.2
Manufactured products	15,968.9	22,052.8	16,055.5	17,398.2
Ores and metals	66.7	166.9	48.9	71.4
Other goods	329.6	3,036.6	2,660.0	7,163.7

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Description	2013	2014	2015	2016
Total	16,448.6	25,315.9	18,825.8	24,759.2
Live animals	38.4	22.3	27.4	17.0
Vegetable products	14.2	15.9	24.0	12.3
Animal or vegetable fats, oil and waxes	0.6	0.3	0.5	0.6
Foodstuffs, beverages, spirits and tobacco	25.3	22.6	23.2	887.7
Mineral products	17.9	29.8	36.0	14.2
Products of the chemical or allied industries	882.9	901.8	1,397.0	955.4
Plastics, rubber and articles thereof	165.8	310.0	221.3	292.4
Articles of leather and animal gut; travel goods	143.2	148.4	92.6	76.3
Articles of wood, crock, basket ware and wickerwork	28.3	36.7	50.0	31.3
Pulp of wood, waste, scrap and articles of paper	58.4	94.9	77.4	70.1
Textiles and textile articles	1,950.1	1,830.5	2,332.5	2,224.3
Footwear, umbrellas, articles of feather and hair	349.5	338.4	425.8	567.1
Articles of stone, mica, ceramic products and glass	107.2	132.5	114.2	113.2
Pearls, stones, precious metals and its articles	106.9	9,171.8	2,974.7	6,564.2
Base metals and articles of base meta	394.8	496.7	580.1	430.7
Machinery, sound recorders, reproducers and parts	8,026.0	6,777.3	5,752.0	6,609.3
Vehicles of transport	3,368.4	4,004.0	3,769.0	5,064.5
Photographic, medical, musical instruments and parts	285.2	350.2	328.8	305.5
Arms and ammunition, parts and accessories	0.0	0.0	0.0	0.0
Miscellaneous manufactured articles	162.0	211.9	184.2	177.1
Pieces and antiques, works of art, collectors	323.4	419.9	415.1	346.1

Source: Department of Finance - Customs Administration

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

(Million AED)

Re-exports of Goods	2013	2014	2015	2016
Total	16,448.6	25,315.9	18,825.8	24,759.2
Capital goods	4,697.7	4,656.5	3,885.0	3,325.8
Intermediate goods	5,977.5	8,490.3	8,244.9	13,266.0
Final consumption goods	5,773.5	12,169.2	6,695.9	8,167.3

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Continent	2015		2016	
	Value	%	Value	%
Total	18,825.8	100.0	24,759.2	100.0
Asia	15,024.8	79.8	19,840.6	80.1
Europe	2,956.0	15.7	4,467.0	18.0
Africa	667.5	3.5	277.6	1.1
Northern America	134.3	0.7	123.8	0.5
South America	9.4	0.1	30.9	0.1
Australia and Oceania	33.8	0.2	19.3	0.1

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Countries	2015		2016	
	Value	%	Value	%
Total	18,825.8	100.0	24,759.2	100.0
Saudi Arabia	4,122.4	21.9	3,009.0	12.2
United Kingdom	436.9	2.3	2,610.2	10.5
Kingdom of Bahrain	2,563.2	13.6	2,231.4	9.0
China	252.8	1.3	2,136.9	8.6
Kuwait	2,400.0	12.7	1,893.8	7.6
Qatar	2,271.8	12.1	1,819.2	7.3
Switzerland	1,713.4	9.1	936.8	3.8
India	731.3	3.9	604.1	2.4
Oman	590.5	3.1	385.2	1.6
Jordan	343.0	1.8	306.2	1.2
Others	3,400.5	18.1	8,826.3	35.6

Source: Department of Finance - Customs Administration

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

(Million AED)

Countries	2015		2016	
	Value	%	Value	%
Total	11,947.9	100.0	9,338.7	100.0
Saudi Arabia	4,122.4	34.5	3,009.0	32.2
Kingdom of Bahrain	2,563.2	21.5	2,231.4	23.9
Kuwait	2,400.0	20.1	1,893.8	20.3
Qatar	2,271.8	19.0	1,819.2	19.5
Oman	590.5	4.9	385.2	4.1

Source: Department of Finance - Customs Administration

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

(Million AED)

Mode of shipping	2015		2016	
	Value	%	Value	%
Total	18,825.8	100.0	24,759.2	100.0
Land	1,904.5	10.1	1,949.2	7.9
Sea	2,517.0	13.4	3,406.3	13.8
Air	14,404.3	76.5	19,403.7	78.4

Source: Department of Finance - Customs Administration

1.2.24 Key Indicators of Imports of Goods of the Emirate of Abu Dhabi

(Million AED)

Imports of Goods	2013	2014	2015	2016
Total	100,255.2	107,976.0	119,327.7	117,804.6
Agricultural raw materials	476.8	478.3	468.8	422.0
Food products	5,970.1	6,551.3	6,713.2	6,318.1
Manufactured products	74,129.8	81,721.2	94,080.8	91,479.3
Ores and metals	15,742.4	15,224.1	12,065.9	11,898.5
Other goods	3,936.1	4,001.2	5,999.0	7,686.6

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Description	2013	2014	2015	2016
Total	100,255.2	107,976.0	119,327.7	117,804.6
Live animals	2,412.1	2,658.5	2,836.4	2,902.0
Vegetable products	3,416.0	3,246.0	2,897.8	2,121.8
Animal or vegetable fats, oil and waxes	367.7	394.3	396.9	445.5
Foodstuffs, beverages, spirits and tobacco	2,080.9	2,590.3	2,424.2	2,142.7
Mineral products	6,676.9	4,541.2	3,817.8	3,373.9
Products of the chemical or allied industries	7,755.8	9,982.9	11,214.5	9,070.0
Plastics, rubber and articles thereof	5,115.0	5,434.3	5,720.2	4,214.3
Articles of leather and animal gut; travel goods	86.3	104.7	94.4	113.9
Articles of wood, crock, basket ware and wickerwork	287.9	269.2	292.4	226.1
Pulp of wood, waste, scrap and articles of paper	1,194.8	1,259.3	1,135.8	1,053.1
Textiles and textile articles	916.6	952.2	959.7	895.7
Footwear, umbrellas, articles of feather and hair	104.4	205.0	158.5	235.0
Articles of stone, mica, ceramic products and glass	1,494.2	1,598.8	1,457.5	1,533.7
Pearls, stones, precious metals and its articles	95.5	55.4	2,958.1	5,421.9
Base metals and articles of base meta	20,473.6	19,963.1	19,104.0	17,857.1
Machinery, sound recorders, reproducers and parts	23,308.1	25,557.9	32,390.5	32,586.2
Vehicles of transport	21,344.1	25,457.1	27,262.1	29,503.0
Photographic, medical, musical instruments and parts	2,155.5	2,457.6	2,919.5	2,790.7
Arms and ammunition, parts and accessories	0.2	0.0	0.1	0.0
Miscellaneous manufactured articles	880.3	1,069.2	1,206.7	1,240.4
Pieces and antiques, works of art, collectors	89.3	178.9	80.8	77.5

Source: Department of Finance - Customs Administration

1.2.26 Imports by Utilization of Items of the Emirate of Abu Dhabi

(Million AED)

Imports of Goods	2013	2014	2015	2016
Total	100,255.2	107,976.0	119,327.7	117,804.6
Capital goods	13,916.0	16,619.7	21,050.4	19,868.9
Intermediate goods	63,635.3	64,204.6	71,790.4	71,967.8
Final consumption goods	22,703.9	27,151.8	26,486.9	25,967.9

Source: Statistics Centre - Abu Dhabi

1.2.27 Imports of Goods through the Ports of the Emirate of Abu Dhabi by Continent

(Million AED)

Continent	2015		2016	
	Value	%	Value	%
Total	119,327.7	100.0	117,804.6	100.0
Asia	52,119.1	43.7	55,234.0	46.9
Europe	34,819.6	29.2	30,078.8	25.5
Northern America	19,987.0	16.7	23,090.0	19.6
Africa	6,486.8	5.4	4,853.7	4.1
Australia and Oceania	2,554.6	2.1	2,319.3	2.0
South America	3,360.4	2.8	2,228.9	1.9

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Countries	2015		2016	
	Value	%	Value	%
Total	119,327.7	100.0	117,804.6	100.0
United States of America	18,511.0	15.5	21,689.2	18.4
Saudi Arabia	12,215.4	10.2	11,193.0	9.5
Japan	9,598.8	8.0	9,081.6	7.7
South Korea	7,355.5	6.2	7,376.8	6.3
China	5,953.7	5.0	7,082.4	6.0
Germany	8,115.7	6.8	6,278.2	5.3
Italy	4,791.6	4.0	4,947.6	4.2
France	4,747.9	4.0	4,835.7	4.1
United Kingdom	6,332.9	5.3	4,551.0	3.9
India	2,829.1	2.4	3,023.8	2.6
Others	38,875.9	32.6	37,745.3	32.0

Source: Department of Finance - Customs Administration

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

(Million AED)

Countries	2015		2016	
	Value	%	Value	%
Total	17,447.7	100.0	15,993.4	100.0
Saudi Arabia	12,215.4	70.0	11,193.0	70.0
Oman	1,402.5	8.0	2,030.3	12.7
Kingdom of Bahrain	1,001.0	5.7	1,141.7	7.1
Qatar	2,073.7	11.9	1,052.7	6.6
Kuwait	755.0	4.3	575.7	3.6

Source: Department of Finance - Customs Administration

Note: Table does not include imports from free trade zones located in the UAE

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

(Million AED)

Mode of Shipping	2015		2016	
	Value	%	Value	%
Total	119,327.7	100.0	117,804.6	100.0
Land	20,905.3	17.5	18,644.3	15.8
Sea	72,039.8	60.4	64,329.0	54.6
Air	26,382.6	22.1	34,831.3	29.6

Source: Department of Finance - Customs Administration

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 2016 with a 2014 base year are as follows:

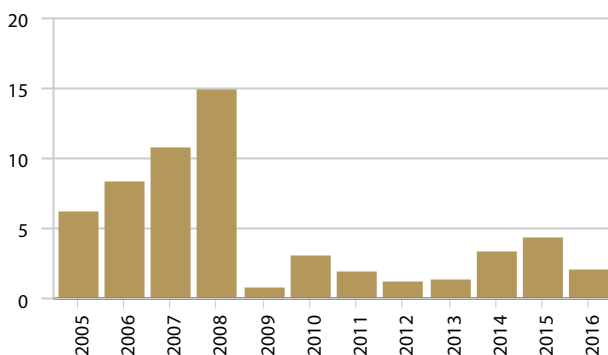
- Consumer price inflation reached 2.0% during 2016 compared with 2015. The index reached 106.4% in 2016, while it was 104.3% in 2015.
- The 'Housing, Water, Electricity, Gas and Other Fuels' group contributed 92.1% of the total rate of increase. This contribution was due to the high prices of this group which rose by 5.6%.
- The 'Education' group contributed 10.3% of the total rate of increase achieved during 2016, compared with 2015, while prices of this group increased by 3.0%.
- The 'Miscellaneous goods and services' group contributed 8.0% of the total rate of increase achieved during 2016. This contribution was due to the increase in the prices of this group by 2.4%.
- Prices of the 'Food and Beverages' group decreased by 0.1% in 2016, and this group contributed to reducing the inflation rate by 0.4% during 2016.

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 2016 compared with 2015 was the 10.2% decrease 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 2016 compared with 2015 was the increase of 23.3% 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 2016 is shown compared with 2015, in addition to the relative annual change since 2011.

Figure 1.3.1 Annual Rates of Inflation



Source: Statistics Centre - Abu Dhabi

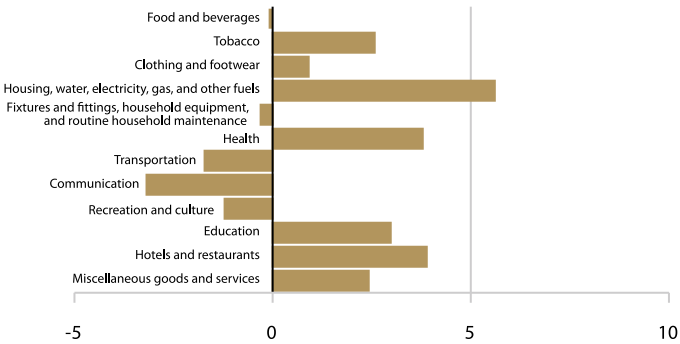
1.3.1 Contribution of Different Expenditure Groups to the Overall Annual Percentage Change in Prices in 2016 Compared with 2015

(%)

Major Expenditure Groups	Weight (100.0)	Relative Change	Contribution
Food and beverages	12.3	-0.1	-0.4
Tobacco	0.2	2.6	0.3
Clothing and footwear	5.4	0.9	2.3
Housing, water, electricity, gas, and other fuels	31.2	5.6	92.1
Fixtures and fittings, household equipment, and routine household maintenance	7.2	-0.3	-0.9
Health	1.6	3.8	3.0
Transportation	14.7	-1.7	-11.7
Communication	5.0	-3.2	-7.4
Recreation and culture	4.8	-1.2	-2.8
Education	6.9	3.0	10.3
Hotels and restaurants	3.8	3.9	7.2
Miscellaneous goods and services	7.0	2.4	8.0

Source: Statistics Centre - Abu Dhabi

Figure 1.3.2 Relative Change in Average Prices for the Main Expenditure Groups in 2016 Compared with 2015 (%)



Source: Statistics Centre - Abu Dhabi

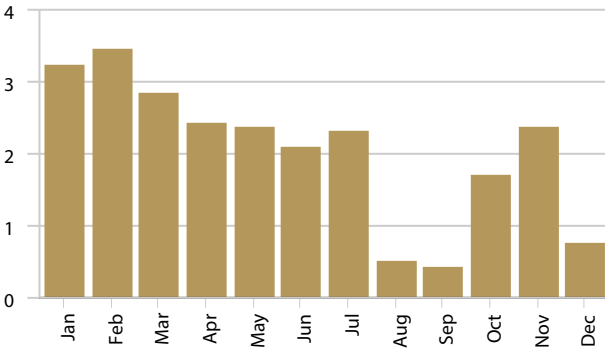
1.3.2 Relative Change in the Prices of the Main Expenditure Groups

(2014=100)

Groups of Commodities and Services	Weight (100.0)	Relative Change %	
		2015	2016
Food and beverages	12.3	1.8	-0.1
Tobacco	0.2	1.3	2.6
Clothing and footwear	5.4	0.2	0.9
Housing, water, electricity, gas and other fuels	31.2	10.2	5.6
Furnishing, household equipment and routine household maintenance	7.2	1.2	-0.3
Health	1.6	0.3	3.8
Transport	14.7	0.6	-1.7
Communication	5.0	-1.0	-3.2
Recreation and culture	4.8	1.5	-1.2
Education	6.9	5.1	3.0
Restaurant and hotels	3.8	2.9	3.9
Miscellaneous goods and services	7.0	2.2	2.4

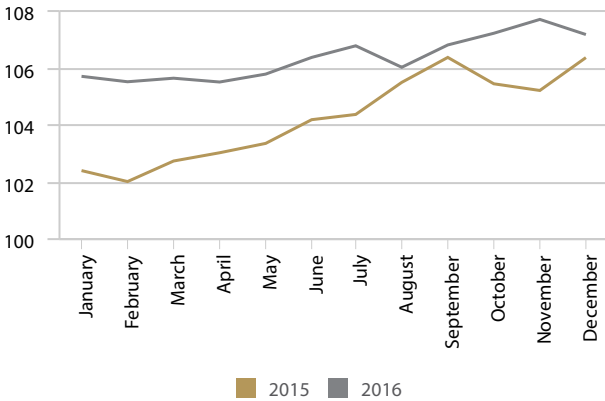
Source: Statistics Centre - Abu Dhabi

Figure 1.3.3 Annual Inflation Rates for the months of 2016



Source: Statistics Center - Abu Dhabi

Figure 1.3.4 Monthly CPI 2015, 2016



Source: Statistics Center - Abu Dhabi

1.3.3 Annual CPI and Inflation Rates 2009 - 2016

Year	CPI	Inflation Rate (%)
2009	90.1	0.8
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

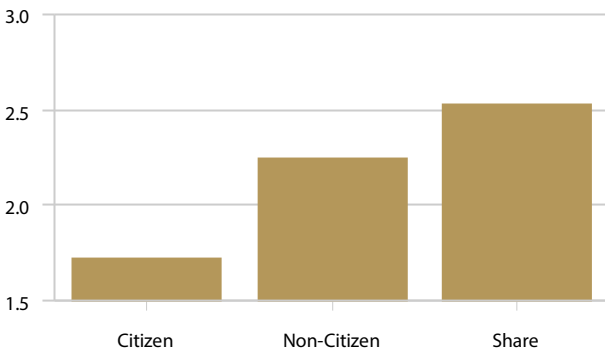
Source: Statistic Centre - Abu Dhabi

1.3.4 Annual CPI and relative change by Household Type 2015 , 2016

Year	Citizen	Non-Citizen	Share
2015	103.6	104.7	105.0
2016	105.4	107.1	107.7
Relative Change %	1.7	2.2	2.5

Source: Statistic Centre - Abu Dhabi

Figure 1.3.5 Relative Change in CPI by Household Type in 2016 compared with 2015



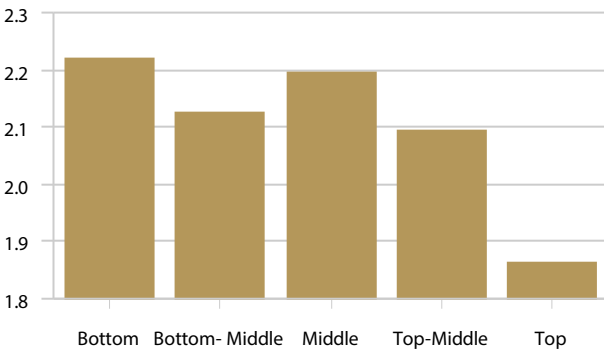
Source: Statistics Center - Abu Dhabi

1.3.5 CPI by Household Welfare Level for 2015 and 2016

Year	Bottom	Bottom-Middle	Middle	Top-Middle	Top
2015	105.3	105.0	104.7	104.4	103.7
2016	107.7	107.2	107.0	106.6	105.6
Relative Change %	2.2	2.1	2.2	2.1	1.9

Source: Statistic Centre - Abu Dhabi

Figure 1.3.6 Relative Change in the CPI by Household Welfare Level in 2016 Compared with 2015



Source: Statistics Center - Abu Dhabi

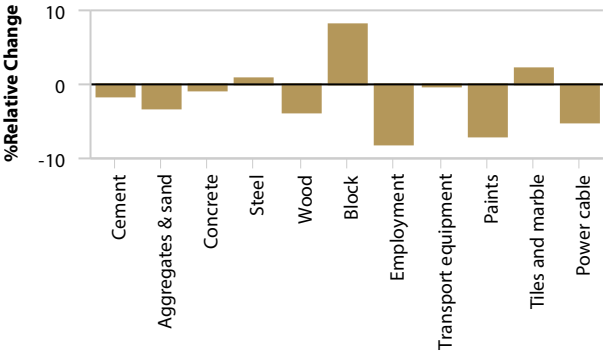
1.3.6 Relative Change in the Price Averages of the Main Groups of Building Materials during 2012 - 2016

(Price in AED)

Groups	Relative Change 2013 /2012 (%)	Relative Change 2014 /2013 (%)	Relative Change 2015 /2014 (%)	Relative Change 2016 /2015 (%)
Cement	0	2.2	0.3	-1.5
Aggregates & sand	7.2	8.8	-1	-3.3
Concrete	-1.9	0	0.1	-0.7
Steel	-3.7	-4.6	-15.7	0.7
Wood	1.2	4.4	1.2	-3.8
Block	-7.3	-0.3	-0.4	8.2
Roofing materials	0.7	0	1	-1.0
Waterproofing products	0.7	0.4	-17	-14.5
Waterproofing bituminous membrane	-	-	-	-
Natural stone	12.6	5.3	-1.1	-0.4
Tiles and marble	2.9	-1.1	5.9	2.2
Sanitary ware				
Bathroom set without accessories	13.1	0.1	1	3.4
Bathroom set with accessories	5	-2.5	-1.2	-0.2
Sink stainless steel with mixer-single	0.9	-2.4	-0.5	0.0
False ceiling	-0.8	-0.6	6.5	6.3
Paints	-1.4	-4.4	-1.1	-7.1
Glass	13	0.1	-0.4	2.3
Pipes				
(PVC) Pipes	-6.7	-1.7	-6.5	0.4
(UPVC) Pipes	-0.5	-2.9	-6.1	-8.1
Wires				
Small building	-8.4	-4	-2.7	3.2
Apartments	-7.5	-2.1	-1.8	0.8
Residential towers	-9.9	-6.9	-8.8	-0.4
Power cable	-4.4	-3.6	-11.3	-5.2
Transport equipment	-2.4	-1.7	-0.5	-0.3
Employment / with all services	9.9	-5.3	2.7	-8.1
Diesel	0	0	-8	-21.1

Source: Statistics Centre - Abu Dhabi

Figure 1.3.7 Relative Change in Price Averages of the Main Groups of Building Materials in 2016 Compared with 2015



Source: Statistics Center - Abu Dhabi

1.3.7 Industrial Producer Price Index during 2015 and 2016

Economic Activities	weight of base year	PPI 2015	PPI 2016	Percentage change
Manufacturing	10000.0	78.0	70.0	-10.2
Manufacture of food products	287.4	96.0	94.3	-1.8
Manufacture of beverages	84.9	100.0	100.0	0.0
Manufacture of textiles	33.9	100.3	98.9	-1.4
Manufacture of wearing apparel	118.4	107.4	107.8	0.3
Manufacture of leather and related products	5.3	107.6	110.0	2.3
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	65.8	100.9	69.6	-31.0
Manufacture of paper and paper products	37.7	93.0	89.2	-4.0
Printing and reproduction of recorded media	33.1	109.9	110.0	0.1
Manufacture of coke and refined petroleum products	3654.0	52.1	40.9	-21.4
Manufacture of chemicals and chemical products	1690.0	62.3	45.9	-26.4
Manufacture of pharmaceuticals, medicinal chemical and botanical products	23.0	90.9	90.9	0.0
Manufacture of rubber and plastics products	126.3	91.5	82.4	-10.0
Manufacture of other non-metallic mineral products	1104.0	97.5	96.3	-1.3
Manufacture of basic metals	626.5	82.7	74.6	-9.8
Manufacture of fabricated metal products, except machinery and equipment	960.1	88.5	83.2	-6.0
Manufacture of computer, electronic and optical products	11.7	95.8	95.8	0.0
Manufacture of electrical equipment	410.9	76.0	67.5	-11.2
Manufacture of machinery and equipment n.e.c.	59.0	105.4	120.6	14.4
Manufacture of motor vehicles, trailers and semi-trailers	12.1	113.5	107.6	-5.2
Manufacture of other transport equipment	164.5	421.5	462.9	9.8
Manufacture of furniture	75.0	117.3	116.5	-0.7
Other manufacturing	7.5	90.5	94.4	4.3
Repair and installation of machinery and equipment	408.0	99.6	99.5	-0.1

Source: Statistics Centre - Abu Dhabi

1.3.8 Industrial Production Index during 2015 and 2016

Economic Activities	weight of base year	IPI 2015	IPI 2016	Percentage change
Manufacturing	10000.0	110.0	135.7	23.3
Manufacture of food products	287.4	103.3	94.6	-8.4
Manufacture of beverages	84.9	98.7	101.0	2.3
Manufacture of textiles	33.9	120.6	113.2	-6.1
Manufacture of wearing apparel	118.4	95.9	288.7	201.1
Manufacture of leather and related products	5.3	292.5	236.0	-19.3
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	65.8	102.6	76.4	-25.5
Manufacture of paper and paper products	37.7	90.6	99.6	10.0
Printing and reproduction of recorded media	33.1	93.8	77.2	-17.7
Manufacture of coke and refined petroleum products	3654.0	118.1	180.7	53.0
Manufacture of chemicals and chemical products	1690.0	122.3	127.4	4.2
Manufacture of pharmaceuticals, medicinal chemical and botanical products	23.0	205.0	331.7	61.8
Manufacture of rubber and plastics products	126.3	87.7	60.3	-31.2
Manufacture of other non-metallic mineral products	1104.0	109.7	90.2	-17.7
Manufacture of basic metals	626.5	89.2	71.5	-19.8
Manufacture of fabricated metal products, except machinery and equipment	960.1	104.2	99.5	-4.5
Manufacture of computer, electronic and optical products	11.7	108.6	107.7	-0.8
Manufacture of electrical equipment	410.9	120.9	126.3	4.4
Manufacture of machinery and equipment n.e.c.	59.0	292.1	1144.8	292.0
Manufacture of motor vehicles, trailers and semi-trailers	12.1	113.4	81.9	-27.8
Manufacture of other transport equipment	164.5	57.9	42.3	-26.9
Manufacture of furniture	75.0	107.3	91.7	-14.6
Other manufacturing	7.5	219.0	487.0	122.3
Repair and installation of machinery and equipment	408.0	29.3	0.2	-99.2

Source: Statistics Centre - Abu Dhabi

1.3.9 Price indices for Construction Cost Index groups for 2014, 2015 and 2016

Commodity	weight of base year 2013	CCI 2014	CCI 2015	CCI 2016
General Index	100.0	99.8	98.0	94.7
Construction materials	13.0	97.9	89.2	87.4
Finishing materials	26.0	99.4	101.4	100.3
Electrical works materials	8.0	102.6	98.5	98.7
Mechanical works - plumbing and drainage materials	4.0	100.8	100.8	101.5
Mechanical works - fire fighting	3.0	100.0	103.6	114.5
Mechanical works - A/C	7.0	100.8	101.1	100.6
Equipment	2.0	110.3	115.5	129.5
Manpower	29.5	99.2	96.2	85.9
Services	4.5	98.8	94.1	86.5
Finances and bonds	3.0	100.0	100.0	100.0

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, 2016 totaled 51 banks, of which seven are based in Abu Dhabi.

This section shows that the total value of shares traded on the Abu Dhabi Securities Exchange during 2016 amounted to AED 49.0 billion. The market capitalization of shares in the Abu Dhabi stock market in 2016 rose by 8.1% compared with 2015 despite the total companies remaining at 68 companies over the same period.

1.4.1 Key Statistics of the Financial and Insurance Activity

Indicators	2010	2014	2015	2016*
Share in GDP at current prices (%)	4.2	6.4	8.8	9.8
Share in non-oil GDP at current prices (%)	8.3	12.9	13.6	13.5
Gross output (% of GDP at current prices)	5.6	7.8	10.8	12.0
Capital formation (% of GDP at current prices)	0.9	0.3	0.4	0.5
Compensation of employees (Million AED)	7,743	12,008	13,069	13,543

Source: Statistics Centre-Abu Dhabi

* Preliminary estimates

1.4.2 Key Statistics of the Abu Dhabi Securities Market, 2016

Indicators	2013	2014	2015	2016
Total listed domestic companies	63	64	65	65
Total listed foreign companies	3	3	3	3
Market capitalization (Billion AED)	402.7	417.8	411.0	444.2
Market capitalization (% of GDP at current prices)	43.2	43.5	52.7	61.0
Value traded (Billion AED)	84.9	144.6	60.2	49.0
Value traded (% of GDP at current prices)	9.1	15.1	7.7	6.7
Shares Turnover Ratio (%) (No. of Domestic Traded Shares / No. of Domestic Issued shares)	106.3	69.6	32.0	33.7
INDEX (Point)	4,290	4,529	4,307	4,546

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

1.4.3 Banks Statistics for Abu Dhabi Based Banks, 2016

Indicators	Q1	Q2	Q3	Q4
Net Income for Abu Dhabi based banks (million AED)	7,741	7,706	7,733	7,984
Average compensation of employees per worker for Abu Dhabi based banks (AED)	43,033	42,601	44,581	41,777

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 2016 decreased by 29.7% and by 38.4% in 2015. The decrease could mainly be attributed to lower Petroleum royalties and tax revenues. Current expenditure as a percentage of total public expenditure increased from 80.8% in 2015 to 82.5% in 2016. The sub items of current transfers, goods and services, and salaries and wages contributed 51.4%, 13.1% and 18.0% of total expenditure respectively. Capital expenditure as a percentage of total public expenditure was 19.2% in 2015 and 17.5% in 2016. Capital transfers, development expenditures on government projects and capital expenditure on goods and services respectively contributed 10.3%, 6.4% and 0.8% of total expenditure.

1.5.1 Percentage Distribution of Government Revenues

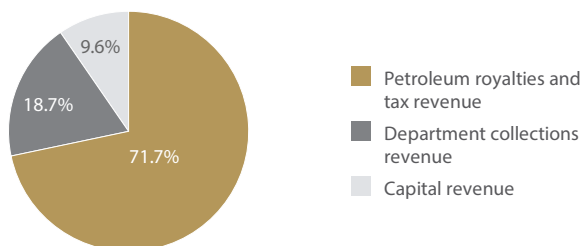
(%)

Item	2013	2014	2015	2016*
Total	100	100	100	100
Petroleum royalties and tax revenue	93.0	91.0	79.6	71.7
Department collections revenue	6.1	7.9	18.8	18.7
Capital revenue	0.9	1.1	1.6	9.6

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

Figure 1.5.1 Percentage Distribution of Government Revenues, 2016



Source: Statistics Centre-Abu Dhabi

1.5.2 Percentage Distribution of Public Expenditures

(%)

Item	2013	2014	2015	2016*
Total	100	100	100	100
Current expenditures	74.2	76.2	80.8	82.5
Salaries and wages	11.7	12.4	16.0	18.0
Goods and services	9.9	10.9	13.0	13.1
Current transfers	52.6	52.9	51.8	51.4
Capital expenditures	25.8	23.8	19.2	17.5
Development expenditures on government projects	6.6	5.8	6.6	6.4
Capital expenditures on goods & services	0.4	0.2	0.2	0.8
Capital transfers	18.8	17.8	12.4	10.3

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

1.5.3 Percentage Distribution of Public Expenditures by Type

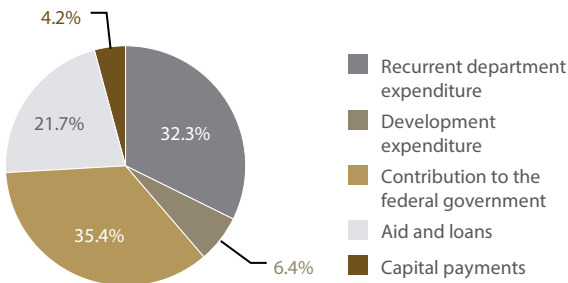
(%)

Item	2013	2014	2015	2016*
Total expenditure	100	100	100	100
Recurrent department expenditure	23.0	23.3	34.9	32.3
Development expenditure	6.6	5.8	6.6	6.4
Contribution to the federal government	34.1	34.1	32.0	35.4
Aid and loans	30.5	31.3	23.5	21.7
Capital payments	5.8	5.5	3.0	4.2

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

Figure 1.5.2 Percentage Distribution of Public Expenditure by Type, 2016



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 221,174 million in 2015 to AED 227,743 million in 2016. The main economic activities contributing to the growth in 2016 were 'Activities of households as employers', and 'Transportation and storage' with increases of 9.2% and 8.5% respectively.

1.6.1 Compensation of Employees by Economic Activity at Current Prices

(Million AED)

Economic Activity	2013	2014	2015	2016
Total	191,351	209,493	221,174	227,743
Agriculture, forestry and fishing	1,824	1,946	2,022	2,135
Mining and quarrying (includes crude oil and natural gas)	13,706	15,646	18,493	17,634
Manufacturing	15,325	17,499	19,021	19,796
Electricity, gas, and water supply; waste management	2,242	2,417	2,370	2,507
Construction	27,569	29,758	30,325	31,518
Wholesale and retail trade; repair of motor vehicles and motorcycles	12,007	12,553	13,122	14,016
Transportation and storage	9,818	10,955	11,915	12,925
Accommodation and food services	4,615	4,969	5,234	5,412
Information and communication	4,627	5,161	5,518	5,736
Financial and insurance	10,839	12,008	13,069	13,543
Real estate	1,701	2,156	2,307	2,418
Professional, scientific and technical	9,835	10,549	11,071	11,356
Administrative and support services	6,007	6,586	6,925	7,106
Public administration and defence; compulsory social security	48,016	51,620	52,383	52,972
Education	9,328	10,800	11,156	11,561
Human health and social work	9,284	9,372	10,320	10,728
Arts, recreation and other services	1,392	1,446	1,420	1,462
Activities of households as employers	3,216	4,052	4,502	4,918

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	2013	2014	2015	2016*
Total	14.9	9.5	5.6	3.0
Agriculture, forestry and fishing	11.2	6.7	3.9	5.6
Mining and quarrying (includes crude oil and natural gas)	20	14.2	18.2	-4.6
Manufacturing	11.2	14.2	8.7	4.1
Electricity, gas, and water supply; waste management	6.8	7.8	-1.9	5.7
Construction	14.5	7.9	1.9	3.9
Wholesale and retail trade; repair of motor vehicles and motorcycles	6.9	4.6	4.5	6.8
Transportation and storage	4.2	11.6	8.8	8.5
Accommodation and food services	11.8	7.7	5.3	3.4
Information and communication	35.9	11.5	6.9	3.9
Financial and insurance	22.2	10.8	8.8	3.6
Real estate	-5.9	26.7	7.0	4.8
Professional, scientific and technical	3.9	7.3	4.9	2.6
Administrative and support services	17.2	9.6	5.1	2.6
Public administration and defence; compulsory social security	19.2	7.5	1.5	1.1
Education	9.1	15.8	3.3	3.6
Human health and social work	22.2	0.9	10.1	4.0
Arts, recreation and other services	-13.7	3.9	-1.8	2.9
Activities of households as employers	54.3	26.0	11.1	9.2

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	2013	2014	2015	2016*
Total	20.5	21.8	28.4	31.3
Agriculture, forestry and fishing	0.2	0.2	0.3	0.3
Mining and quarrying (includes crude oil and natural gas)	1.5	1.6	2.4	2.4
Manufacturing	1.6	1.8	2.4	2.7
Electricity, gas, and water supply; waste management	0.2	0.3	0.3	0.3
Construction	3.0	3.1	3.9	4.3
Wholesale and retail trade; repair of motor vehicles and motorcycles	1.3	1.3	1.7	1.9
Transportation and storage	1.1	1.1	1.5	1.8
Accommodation and food services	0.5	0.5	0.7	0.7
Information and communication	0.5	0.5	0.7	0.8
Financial and insurance	1.2	1.3	1.7	1.9
Real estate	0.2	0.2	0.3	0.3
Professional, scientific and technical	1.1	1.1	1.4	1.6
Administrative and support services	0.6	0.7	0.9	1.0
Public administration and defence; compulsory social security	5.2	5.4	6.7	7.3
Education	1.0	1.1	1.4	1.6
Human health and social work	1.0	1.0	1.3	1.5
Arts, recreation and other services	0.1	0.2	0.2	0.2
Activities of households as employers	0.3	0.4	0.6	0.7

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

1.7. Foreign Investment

The Abu Dhabi Government has made vast strides in establishing favorable conditions and enhancing investor confidence in the economy. A transparent tax structure, with a supporting judicial system, investment encouraging business legislation and industrial zones enhances international investor perception about business opportunities in the Emirate.

The total value of Foreign Direct Investment (FDI) at the end of 2015 was AED 88,095 million, up from AED 81,112 million at the end of 2014. This increase could mainly be attributed to 'Financial institutions and insurance', which attracted FDI worth AED 13,338 in 2015, compared with AED 12,731 million in 2014. 'Manufacturing industries' accounted for 19.5% of FDI stocks in 2015 compared with 19.1% in 2014. 'Mining and quarrying' (including crude oil and natural gas) accounted of total FDI, AED 7,045million with 8.7% at the end of 2014 and AED 8,354 million with 9.5% at the end of 2015.

FDI from the GCC region amounted to AED 3,213 million or 3.6% of total FDI in 2015 compared with AED 2820 million or 3.5% in 2014. Investments from other Arab countries totaled AED 6,643 and AED 6,414 million of FDI for the years 2014 and 2015, respectively. European countries accounted for the largest proportion of FDI in the Emirate of Abu Dhabi. Investment from these countries increased from AED 32,980 million in 2014 to AED 36,021 million in 2015.

Total portfolio investments in the Emirate of Abu Dhabi consisting of equity securities including debt securities amounted to AED 87,895 million in 2015. Other investments (excluding debt securities) amounted to AED 177,111 million in 2015, compared with AED 160,364 million in 2014.

1.7.1 Total stock of Foreign Investment by Economic Activity

(Million AED)

Economic Activity	2012	2013	2014	2015
Total	250,319	264,123	298,758	353,101
Mining and quarrying (includes crude oil and natural gas)	7,538	9,046	8,342	8,921
Manufacturing	12,368	25,086	15,865	17,662
Electricity, gas, and water supply; waste management	18,983	17,961	18,792	24,115
Construction	5,995	6,390	8,247	7,246
Wholesale and retail trade; repair of motor vehicles and motorcycles	349	459	366	665
Transportation and storage	2,934	4,158	4,056	4,947
Accommodation and food services	22	14	18	24
Information and communication	5,960	7,139	31,306	31,287
Financial and insurance	160,057	159,900	179,727	225,774
Real estate*	34,347	31,157	27,398	27,632
Professional, scientific and technical	1,383	1,938	3,177	3,409
Administrative and support services	275	355	887	917
Education	82	461	480	409
Human health and social work	21	11	12	8
Arts, recreation and other services	5	48	85	86

Source: Statistics Centre - Abu Dhabi

* Includes real estate sales to non-residents

Note: Figures may not sum to totals due to rounding

1.7.2 Total stock of Foreign Direct Investment by Economic Activity

(Million AED)

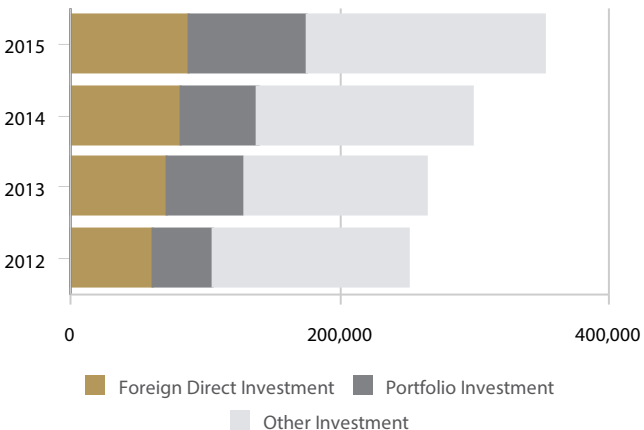
Economic Activity	2012	2013	2014	2015
Total	60,898	71,931	81,112	88,095
Mining and quarrying (includes crude oil and natural gas)	6,084	7,267	7,045	8,354
Manufacturing	11,556	13,043	15,502	17,204
Electricity, gas, and water supply; waste management	6,740	6,904	8,279	10,190
Construction	4,727	5,891	7,281	6,379
Wholesale and retail trade; repair of motor vehicles and motorcycles	155	293	295	559
Transportation and storage	604	1,992	1,850	3,523
Accommodation and food services	22	14	18	24
Information and communication	154	145	151	139
Financial and insurance	5,898	10,137	12,731	13,338
Real estate*	23,357	23,599	23,513	23,793
Professional, scientific and technical	1,227	1,782	3,015	3,198
Administrative and support services	273	355	875	908
Education	75	452	460	393
Human health and social work	21	11	12	8
Arts, recreation and other services	5	46	85	86

Source: Statistics Centre - Abu Dhabi

* Includes real estate sales to non-residents

Note: Figures may not sum to totals due to rounding

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	2012	2013	2014	2015
Total	6.7	7.7	8.4	11.3
Mining and quarrying (includes crude oil and natural gas)	0.7	0.8	0.7	1.1
Manufacturing	1.3	1.4	1.6	2.2
Electricity, gas, and water supply; waste management	0.7	0.7	0.9	1.3
Construction	0.5	0.6	0.8	0.8
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.0	0.0	0.0	0.1
Transportation and storage	0.1	0.2	0.2	0.5
Financial and insurance	0.6	1.1	1.3	1.7
Real estate*	2.6	2.5	2.4	3.1
Professional, scientific and technical	0.1	0.2	0.3	0.4
Administrative and support services	0.0	0.0	0.1	0.1
Education	0.0	0.0	0.0	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	2012	2013	2014	2015
Total	100	100	100	100
Mining and quarrying (includes crude oil and natural gas)	10.0	10.1	8.7	9.5
Manufacturing	19.0	18.1	19.1	19.5
Electricity, gas, and water supply; waste management	11.1	9.6	10.2	11.6
Construction	7.8	8.2	9.0	7.2
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.3	0.4	0.4	0.6
Transportation and storage	1.0	2.8	2.3	4.0
Information and communication	0.3	0.2	0.2	0.2
Financial and insurance	9.7	14.1	15.7	15.1
Real estate*	38.4	32.8	29.0	27.0
Professional, scientific and technical	2.0	2.5	3.7	3.6
Administrative and support services	0.4	0.5	1.1	1.0
Education	0.1	0.6	0.6	0.4
Human health and social work	0	0	0	0
Arts, recreation and other services	0	0.1	0.1	0.1

Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding

* Includes real estate sales to non-residents

1.7.5 Total stock of Foreign Direct Investment by Top Ten Countries

(Million AED)

Countries	2014		2015	
	Value	%	Value	%
Total	81,112	100.00	88,095	100.00
Austria	9,503	11.7	13,005	14.8
France	8,959	11.0	7,002	7.9
United Kingdom	5,820	7.2	5,740	6.5
South Korea	2,719	3.4	4,199	4.8
Netherlands	3,112	3.8	3,644	4.1
Germany	4,109	5.1	3,439	3.9
United States	1,298	1.6	3,297	3.7
Japan	2,307	2.8	3,291	3.7
Libya	2,710	3.3	2,622	3.0
Jordan	1,211	1.5	1,916	2.2
Other*	39,364	48.5	39,939	45.3

Source: Statistics Centre - Abu Dhabi

* Includes real estate sales to non-residents

Note: Figures may not sum to totals due to rounding

1.7.6 Total stock of Foreign Direct Investment by Region

(Million AED)

Region	2012	2013	2014	2015
Total	60,898	71,931	81,112	88,095
GCC countries	1,825	1,614	2,820	3,213
Other Arab countries	6,120	6,637	6,643	6,414
Other Asian countries	4,815	6,342	7,982	11,013
Other African countries	143	183	0	0
European countries	21,890	26,684	32,980	36,021
North America	668	1,744	1,796	5,094
Latin America	1,810	1,613	1,701	1,322
Other regions*	23,625	27,115	27,190	25,018

Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding

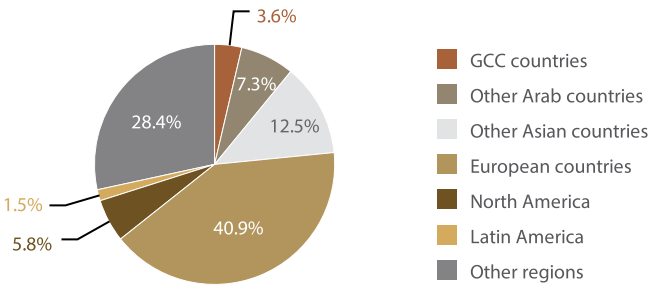
* Includes real estate sales to non-residents

1.7.7 Percentage Distribution of Foreign Direct Investment by Region
(%)

Region	2012	2013	2014	2015
Total	100	100	100	100
GCC countries	3.0	2.2	3.5	3.6
Other Arab countries	10.1	9.2	8.2	7.3
Other Asian countries	7.9	8.8	9.8	12.5
Other African countries	0.2	0.3	0	0
European countries	35.9	37.1	40.7	40.9
North America	1.1	2.4	2.2	5.8
Latin America	3.0	2.2	2.1	1.5
Other regions*	38.8	37.7	33.5	28.4

Source: Statistics Centre - Abu Dhabi
 * Includes real estate sales to non-residents
 Note: Figures may not sum to totals due to rounding

Figure 1.7.2 Percentage Distribution of Foreign Direct Investment by Region, 2015



Source: Statistics Centre - Abu Dhabi

1.7.8 Total stock of Other Investment by Economic Activity

(Million AED)

Economic Activity	2012	2013	2014	2015
Total	145,294	135,066	160,364	177,111
Mining and quarrying (includes crude oil and natural gas)	1,454	1,779	1,297	488
Manufacturing	813	12,043	364	458
Electricity, gas, and water supply; waste management	12,243	10,916	10,512	13,642
Construction	235	498	966	867
Wholesale and retail trade; repair of motor vehicles and motorcycles	194	166	71	106
Transportation and storage	2,330	2,166	2,206	1,424
Information and communication	5,806	6,994	31,154	31,148
Financial and insurance	122,053	100,107	113,591	128,734
Real estate*	0	230	7	8
Professional, scientific and technical	156	156	162	211
Administrative and support services	3	9	12	9
Education	7	2	20	16

Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding

1.7.9 Percentage Distribution of Other Investment by Economic Activity

(%)

Economic Activity	2012	2013	2014	2015
Total	100	100	100	100
Mining and quarrying (includes crude oil and natural gas)	1.0	1.3	0.8	0.3
Manufacturing	0.6	8.9	0.2	0.3
Electricity, gas, and water supply; waste management	8.4	8.1	6.6	7.7
Construction	0.2	0.4	0.6	0.5
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.1	0.1	0.0	0.1
Transportation and storage	1.6	1.6	1.4	0.8
Information and communication	4.0	5.2	19.4	17.6
Financial and insurance	84.0	74.1	70.8	72.7
Real estate*	0	0.2	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

1.7.10 Total stock of Portfolio Investment by Economic Activity

(Million AED)

Economic Activity	2012	2013	2014	2015
Total	44,128	57,125	57,283	87,895
Mining and quarrying (includes crude oil and natural gas)	-	-	-	79
Electricity, gas, and water supply; waste management	-	-	-	283
Construction	1,033	140	-	-
Financial and insurance	32,106	49,657	53,405	83,702
Real estate	10,989	7,328	3,878	3,831

Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding



2. Industry and Business

- Business Environment
- Manufacturing
- Oil and Gas
- Petrochemicals
- Electricity and Water
- Construction
- Transportation
- Information and Communication Technology
- 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 6.9% based on preliminary estimates of the GDP in 2016. In the "Tourism" activity, the total number of hotel establishments was 169 in 2016, an increase of 0.6% compared with 2015. Over the same period, the number of guests increased by 8.1 %, the number of rooms by 2.8 % and the occupancy rate was 73.0%, while the average length of stay reached 2.7 nights.

In the "Transport" activity, the number of passengers travelling through the Emirate's airports totaled 25 million during 2016 compared with 23.3 million during 2015.

In the "Information and communication" activity, the number of fixed telephone subscriptions was 15 per 100 inhabitants, and the fixed broadband subscribers was 12 per 100 inhabitants in 2016.

2016

Total Number of Business Licenses (New & renewed)	86,672
Production of Petrochemicals Products (Metric Tons)	6,661,945
Domestic Sales of Petrochemical Products (Metric Tons)	495,865
Number of Building Permits Issued in the Emirate of Abu Dhabi	7,020
Number of Passengers Using the Emirate's Airports (Million)	25
Fixed Telephone Subscribers Per 100 Inhabitants	15
Fixed broadband subscribers per 100 Inhabitants	12
Number of Hotel Establishments	169
Number of Hotel Establishments Guests (Thousand)	4,440

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 8,963 new business licenses were registered in 2016, while 2,114 licenses were cancelled during the same year.

2.1.1 General Indicators of the Business Environment

Indicators	2010	2014	2015	2016
Number of registered new business licenses	9,349	9,934	9,228	8,963
Number of renewed business licenses	69,620	73,055	75,392	77,709
Number of canceled business licenses	2,151	1,820	7,313	2,114

Source: Department of Economic Development

2.1.2 Key Statistics of Wholesales and Retail Trade and Repairing Services

Indicators	2010	2014	2015	2016*
Share in GDP (%)	4.2	3.9	5.3	5.9
Share in non-oil GDP (%)	8.2	7.8	8.1	8.1
Gross Output (% of GDP)	5.9	5.5	7.5	8.4
Capital Formation (% of GDP)	0.2	0.3	0.4	0.5
Compensation of Employees (Million AED)	8,281	12,553	13,122	14,016

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 6.9% based on preliminary estimates of the GDP in 2016 and 9.6% based on preliminary estimates of the non-oil GDP in 2016.

2.2.1 Key Statistics of the Manufacturing Activity

Indicators	2010	2014	2015	2016*
Share in GDP at current prices (%)	5.4	5.4	6.5	6.9
Share in non-oil GDP at current prices (%)	10.6	10.9	10.0	9.6
Gross output (% of GDP at current prices)	20.6	19.7	22.0	22.6
Capital formation (% of GDP at current prices)	4.5	2.1	1.7	1.8
Compensation of employees (Million AED)	11,044	17,499	19,021	19,796

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	2014		2015	
	Gross Output	Value Added	Gross Output	Value Added
Total	189,334	54,707	171,556	52,582
Food, beverages and tobacco	9,096	3,298	9,759	3,690
Textiles, garments and leather products	2,044	998	2,239	1,066
Wood and wood products	628	238	658	244
Paper, printing, publishing and reproduction media	861	484	875	485
Chemicals and plastics and related products	109,903	26,217	89,275	22,764
Non-metallic mineral products (except oil)	10,912	3,293	11,617	3,570
Manufacture of basic metal	26,246	7,272	23,254	6,434
Structural metal products except machinery and equipment	9,349	4,002	11,240	4,436
Machinery, equipment and devices	9,640	3,664	9,110	3,285
Furniture	941	401	956	413
Repair and installation of machinery, equipment and other manufacturing	9,713	4,840	12,573	6,195

Source: Statistics Centre - Abu Dhabi

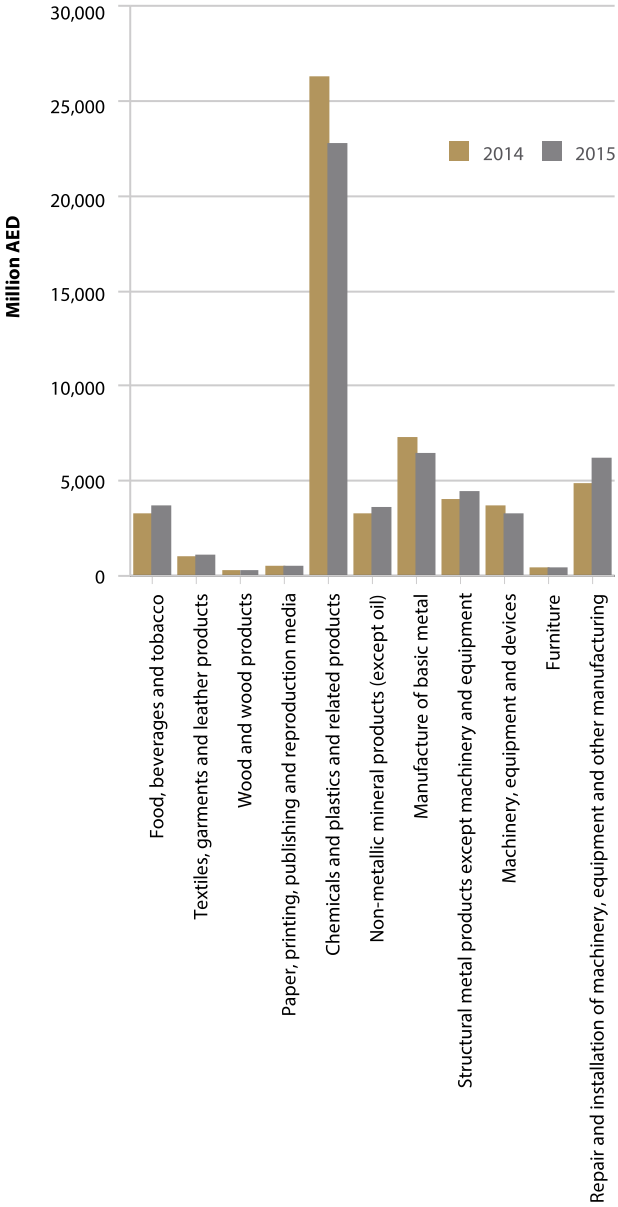
2.2.3 Gross Fixed Capital Formation of the Manufacturing Activity

(Million AED)

Type of Manufacturing Activity	2014	2015
Total	19,689	12,911
Food, beverages and tobacco	488	357
Textiles, garments and leather products	27	31
Wood and wood products	109	112
Paper, printing, publishing and reproduction media	136	64
Chemicals and plastics and related products	14,390	8,144
Non-metallic mineral products (except oil)	644	767
Manufacture of basic metal	2,430	1,098
Structural metal products except machinery and equipment	463	558
Machinery, equipment and devices	299	185
Furniture	6	13
Repair and installation of machinery, equipment and other manufacturing	697	1,582

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	2010	2014	2015	2016*
Share in GDP at current prices (%)	0.2	0.7	0.9	1.0
Share in non-oil GDP at current prices (%)	0.3	1.5	1.4	1.4
Gross output (% of GDP at current prices)	1.5	2.5	3.0	3.2
Capital formation (% of GDP at current prices)	1.3	0.3	0.1	0.2
Compensation of employees (Million AED)	979	1,837	1,860	1,901
Imports (% of total imports)	13.4	17.8	16.5	18.2
Exports (% of total non-oil exports)	10.5	43.2	62.5	35.4

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

2.3. Oil and Gas

2.3.1 Key Statistics of Oil and Gas Activity

Indicators	2010	2014	2015	2016*
Share in GDP at current prices (%)	48.8	50.1	34.4	26.7
Gross output (% of GDP at current prices)	50.5	52.0	37.1	29.2
Capital formation (% of GDP at current prices)	4.9	2.2	5.2	3.9
Compensation of employees (Million AED)	7,043	13,339	15,530	14,432

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 and Exports of Petrochemicals Products rose from 6,124,940 metric tons in 2015 to 6,661,945 metric tons in 2016, an increase of 8.8%. The value of exports of petrochemicals products totaled 4,901,268 metric tons in 2016.

2.4.1 Production and Exports of Petrochemicals Products

(Metric Tons)

Type of Products	2015		2016	
	Production	Exports	Production	Exports
Total	6,124,940	4,362,692	6,661,945	4,901,268
Ammonia	1,118,333	11,900	1,116,435	21,701
Urea fertilizer	1,918,211	1,899,524	1,916,808	1,832,626
Polyethylene	2,112,403	1,750,951	2,412,249	2,101,397
Polypropylene	975,993	700,316	1,216,452	945,544

Source: Abu Dhabi National Oil Company - ADNOC

2.4.2 Domestic Sales of Petrochemical Products

(Metric Tons)

Type of Products	2013	2014	2015	2016
Total	306,937	296,555	464,245	495,865
Urea fertilizer	28,171	25,466	31,065	31,565
Polyethylene	153,136	163,946	268,212	293,799
Polypropylene	125,630	107,143	164,967	170,500

Source: Abu Dhabi National Oil Company - ADNOC

2.4.3 Export Prices of Petrochemicals Products

(\$/Metric Tons)

Type of Products	2013	2014	2015	2016
Ammonia	514	498	389	293
Urea fertilizer	334	330	277	207
Polyethylene	1,576	1,602	1,295	1,186
Polypropylene	1,539	1,569	1,177	1,044

Source: Abu Dhabi National Oil Company - ADNOC

2.5. Electricity and Water

2.5.1. Key Statistics of Electricity and Water Activities

Indicators	2010	2014	2015	2016*
Share in GDP at current prices (%)	2.5	2.5	3.8	4.5
Share in non-oil GDP at current prices (%)	5.0	5.0	5.9	6.2
Gross output (% of GDP at current prices)	4.6	3.6	5.5	6.4
Capital formation (% of GDP at current prices)	2.0	0.8	1.3	1.6
Compensation of employees (Million AED)	2,176	2,417	2,370	2,507

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 12.6% based on preliminary estimates of the GDP in 2016 compared with 11.4% in 2015. Building permits statistics show that the number of residential building permits issued (Residential, Residential and commercial) in 2016 reached 5,858. In addition 1,162 non-residential building permits were issued in 2016 compared with 1,323 in 2015. The number of building permits issued for construction of new buildings represented 11.7% of the total number of building permits issued in 2016.

2.6.1 Key Statistics of the Construction Activity

Indicators	2010	2014	2015	2016*
Share in GDP at current prices (%)	12.2	8.7	11.4	12.6
Share in non-oil GDP at current prices (%)	24.1	17.7	17.6	17.4
Gross output (% of GDP at current prices)	24.4	19.4	25.0	27.6
Capital formation (% of GDP at current prices)	0.71	0.46	0.58	0.66
Compensation of employees (Million AED)	23,638	29,758	30,325	31,518

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

2.6.2 Number of Permits Issued by Type and Region, 2010

Type of Permits	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Total	7,268	3,377	887
New buildings	2,066	1,029	140
Permits renewal or amendments	642	599	80
Additions	1,872	982	429
Improvements and decorations	2,028	558	188
Temporary	279	13	7
Demolition	107	187	23
Others	274	9	20

Source: Department of Municipal Affairs and Transport, Municipalities of Abu Dhabi city- Al Ain city -Al Dhafra Region

2.6.3 Number of Permits Issued by Type and Region, 2013

Type of Permits	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Total	15,634	4,479	790
New buildings	1,456	818	120
Permits renewal or amendments	5,573	94	61
Additions	2,582	2,923	352
Improvements and decorations	4,053	399	43
Temporary	976	6	5
Demolition	252	226	18
Others	742	13	191

Source: Department of Municipal Affairs and Transport, Municipalities of Abu Dhabi city- Al Ain city -Al Dhafra Region

2.6.4 Number of Permits Issued by Type and Region, 2014

Type of Permits	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Total	18,065	4,615	601
New buildings	1,350	825	291
Permits renewal or amendments	5,124	86	34
Additions	2,662	3,020	5
Improvements and decorations	4,414	426	79
Temporary	1,010	3	0
Demolition	217	249	22
Others	3,288	6	170

Source: Department of Municipal Affairs and Transport, Municipalities of Abu Dhabi city- Al Ain city -Al Dhafra Region

2.6.5 Number of Permits Issued by Type and Region, 2015

Type of Permits	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Total	19,830	4,292	5,011
New buildings	1,322	1,295	304
Permits renewal or amendments	5,813	190	5
Additions	2,823	608	38
Improvements and decorations	4,054	1,925	67
Temporary	1,035	0	308
Demolition	237	197	10
Others	4,546	77	4,279

Source: Department of Municipal Affairs and Transport, Municipalities of Abu Dhabi city- Al Ain city -Al Dhafra Region

2.6.6 Number of Permits Issued by Type and Region, 2016

Type of Permits	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Total	19,155	3,238	6,909
New buildings	1,972	1,243	224
Permits renewal or amendments	6,904	984	9
Additions	2,900	467	214
Improvements and decorations	1,959	346	44
Temporary	50	0	308
Demolition	194	170	13
Others	5,176	28	6,097

Source: Department of Municipal Affairs and Transport, Municipalities of Abu Dhabi city- Al Ain city -Al Dhafra Region

2.6.7 Number of Permits Issued by Building Usage and Region, 2010

Building Usage	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Total	7,268	3,377	887
Residential	4,473	2,422	653
Commercial	968	313	75
Industrial	638	196	100
Public utilities	3	84	34
Agricultural	80	56	24
Residential and commercial	6	193	0
Temporary	279	0	0
Others	821	113	1

Source: Department of Municipal Affairs and Transport, Municipalities of Abu Dhabi city- Al Ain city -Al Dhafra Region

2.6.8 Number of Permits Issued by Building Usage and Region, 2013

Building Usage	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Total	15,634	4,479	790
Residential	8,416	3,599	447
Commercial	2,139	332	101
Industrial	1,044	175	34
Public utilities	2,800	221	100
Agricultural	0	66	86
Residential and commercial	1,111	0	0
Temporary	0	29	0
Others	124	57	22

Source: Department of Municipal Affairs and Transport, Municipalities of Abu Dhabi city- Al Ain city -Al Dhafra Region

2.6.9 Number of Permits Issued by Building Usage and Region, 2014

Building Usage	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Total	18,065	4,615	601
Residential	10,413	3,493	406
Commercial	2,753	615	23
Industrial	1,013	55	68
Public utilities	639	212	68
Agricultural	52	55	18
Residential and commercial	1,217	0	0
Others	1,978	185	18

Source: Department of Municipal Affairs and Transport, Municipalities of Abu Dhabi city- Al Ain city -Al Dhafra Region

2.6.10 Number of Permits Issued by Building Usage and Region, 2015

Building Usage	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Total	19,830	4,292	5,011
Residential	10,953	3,122	2,947
Commercial	2,782	460	261
Industrial	1,487	111	581
Public utilities	1,003	182	558
Agricultural	92	41	125
Residential and commercial	1,089	159	0
Others	2,424	217	539

Source: Department of Municipal Affairs and Transport, Municipalities of Abu Dhabi city- Al Ain city -Al Dhafra Region

2.6.11 Number of Permits Issued by Building Usage and Region, 2016

Building Usage	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Total	19,155	3,238	6,909
Residential	10,714	2,853	4,262
Commercial	1,959	93	394
Industrial	1,357	37	861
Public utilities	750	85	648
Agricultural	89	38	130
Residential and commercial	1,174	0	0
Others	3,112	132	614

Source: Department of Municipal Affairs and Transport, Municipalities of Abu Dhabi city- Al Ain city -Al Dhafra Region

2.6.12 Number of Building Permits Issued by Type and Building Usage - Abu Dhabi Region, 2010

Building Usage	Type of Permits	
	New Buildings	Additions
Total	2,066	1,872
Residential	1,831	1,477
Commercial	105	272
Industrial	128	118
Public utilities	0	2
Residential and commercial	2	3

Source: Department of Municipal Affairs and Transport, Abu Dhabi city Municipality

2.6.13 Number of Building Permits Issued by Type and Building Usage - Abu Dhabi Region, 2013

Building Usage	Type of Permits	
	New Buildings	Additions
Total	1,456	2,582
Residential	1,041	2,125
Commercial	37	34
Industrial	88	252
Agricultural	5	32
Public utilities	0	1
Others	285	138

Source: Department of Municipal Affairs and Transport, Abu Dhabi city Municipality

2.6.14 Number of Building Permits Issued by Type and Building Usage - Abu Dhabi Region, 2014

Building Usage	Type of Permits	
	New Buildings	Additions
Total	1,350	2,662
Residential	883	2,172
Commercial	69	161
Industrial	73	160
Agricultural	5	7
Public utilities	89	67
Residential and commercial	44	47
Others	187	48

Source: Department of Municipal Affairs and Transport, Abu Dhabi city Municipality

2.6.15 Number of Building Permits Issued by Type and Building Usage - Abu Dhabi Region, 2015

Building Usage	Type of Permits	
	New Buildings	Additions
Total	1,322	2,823
Residential	963	2,170
Commercial	36	69
Industrial	93	358
Agricultural	1	22
Public utilities	127	94
Residential and commercial	101	85
Others	1	25

Source: Department of Municipal Affairs and Transport, Abu Dhabi city Municipality

2.6.16 Number of Building Permits Issued by Type and Building Usage - Abu Dhabi Region, 2016

Building Usage	Type of Permits	
	New Buildings	Additions
Total	1,972	2,900
Residential	1,576	2,337
Commercial	51	77
Industrial	102	312
Agricultural	19	24
Public utilities	128	71
Residential and commercial	95	68
Others	1	11

Source: Department of Municipal Affairs and Transport, Abu Dhabi city Municipality

2.6.17 Number of Building Permits Issued by Type and Building Usage - Al Ain Region, 2010

Building Usage	Type of Permits	
	New Buildings	Additions
Total	1,029	982
Residential	811	562
Commercial	39	215
Industrial	69	86
Public utilities	28	45
Agricultural	3	44
Residential and commercial	79	30

Source: Department of Municipal Affairs and Transport, Al Ain city Municipality

2.6.18 Number of Building Permits Issued by Type and Building Usage - Al Ain Region, 2013

Building Usage	Type of Permits	
	New Buildings	Additions
Total	818	2,923
Residential	667	2,519
Commercial	25	115
Industrial	13	117
Public utilities	37	125
Agricultural	29	32
Others	47	15

Source: Department of Municipal Affairs and Transport, Al Ain city Municipality

2.6.19 Number of Building Permits Issued by Type and Building Usage - Al Ain Region, 2014

Building Usage	Type of Permits	
	New Buildings	Additions
Total	825	3,020
Residential	607	2,527
Commercial	44	237
Industrial	3	47
Agricultural	22	28
Public utilities	34	128
Others	115	53

Source: Department of Municipal Affairs and Transport, Al Ain city Municipality

2.6.20 Number of Building Permits Issued by Type and Building Usage - Al Ain Region, 2015

Building Usage	Type of Permits	
	New Buildings	Additions
Total	1,295	608
Residential	948	518
Commercial	50	6
Industrial	29	10
Public utilities	45	38
Agricultural	4	19
Residential and commercial	52	2
Others	167	15

Source: Department of Municipal Affairs and Transport, Al Ain city Municipality

2.6.21 Number of Building Permits Issued by Type and Building Usage - Al Ain Region, 2016

Building Usage	Type of Permits	
	New Buildings	Additions
Total	1,243	467
Residential	1,048	418
Commercial	40	5
Industrial	15	5
Public utilities	39	17
Agricultural	4	12
Others	97	10

Source: Department of Municipal Affairs and Transport, Al Ain city Municipality

2.6.22 Number of Building Permits Issued by Type and Building Usage - Al Dhafra Region, 2010

Building Usage	Type of Permits	
	New Buildings	Additions
Total	140	429
Residential	82	325
Commercial	6	58
Industrial	39	37
Public utilities	10	9
Agricultural	3	0

Source: Department of Municipal Affairs and Transport, Al Dhafra Region Municipality

2.6.23 Number of Building Permits Issued by Type and Building Usage - Al Dhafra Region, 2013

Building Usage	Type of Permits	
	New Buildings	Additions
Total	120	352
Residential	59	217
Commercial	25	28
Industrial	4	9
Public utilities	22	15
Agricultural	2	77
Others	8	6

Source: Department of Municipal Affairs and Transport, Al Dhafra Region Municipality

2.6.24 Number of Building Permits Issued by Type and Building Usage - Al Dhafra Region, 2014

Building Usage	Type of Permits	
	New Buildings	Additions
Total	291	5
Residential	201	4
Commercial	6	0
Industrial	28	1
Agricultural	14	0
Public utilities	36	0
Others	6	0

Source: Department of Municipal Affairs and Transport, Al Dhafra Region Municipality

2.6.25 Number of Building Permits Issued by Type and Building Usage - Al Dhafra Region, 2015

Building Usage	Type of Permits	
	New Buildings	Additions
Total	304	38
Residential	196	32
Commercial	18	1
Industrial	22	3
Agricultural	15	0
Public utilities	32	2
Others	21	0

Source: Department of Municipal Affairs and Transport, Al Dhafra Region Municipality

2.6.26 Number of Building Permits Issued by Type and Building Usage - Al Dhafra Region, 2016

Building Usage	Type of Permits	
	New Buildings	Additions
Total	224	214
Residential	125	191
Commercial	6	6
Industrial	28	6
Agricultural	5	8
Public utilities	18	3
Others	42	0

Source: Department of Municipal Affairs and Transport, Al Dhafra Region Municipality

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 2015 were about 195 thousand flights compared with 194 thousand flights in 2016, a decrease of 0.15% compared with 2015. The number of passengers equaled 25 million in 2016, an increase of 5.4% compared with 2015.

2.7.1 Key Statistics of Transportation and Storage

Indicators	2010	2014	2015	2016*
Share in GDP at current prices (%)	3.1	3.8	4.8	5.5
Share in non-oil GDP at current prices (%)	6.2	7.6	7.3	7.6
Gross output (% of GDP at current prices)	5.3	6.6	8.8	10.1
Capital formation (% of GDP at current prices)	1.8	2.4	3.2	3.6
Compensation of employees (Million AED)	6,934	10,955	11,915	12,925

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

2.7.2 Fuel Consumption Indicators

Indicator	2013	2014	2015	2016
Pump price for diesel fuel (AED per litre)	2.35	2.35	2.35	1.68
Pump price for gasoline (AED per litre)*	1.61	1.61	1.68	1.64

Source: Statistics Centre - Abu Dhabi

* Pump price of gasoline E-Plus

2.7.3 External Road Details, 2015

(length in km)

Length	Region			Total
	Abu Dhabi	Al Ain	Al Dhafra	
1Lanex2	286.2	493.7	182.9	962.8
2Lanesx2	192.4	335.7	614.4	1,142.5
3Lanesx2	88.5	166.9	84.4	339.8
4Lanesx2	175.2	40.8	1.5	217.5
5Lanesx2	45.7	0.0	0.0	45.7

Source: Department of Municipal Affairs and Transport, Municipalities of Abu Dhabi city - Al Ain city - Al Dhafra Region.

Note: The length of the road is not multiplied by the number of lanes

2.7.4 External Road Details, 2016

(length in km)

Length	Region			Total
	Abu Dhabi	Al Ain	Al Dhafra	
1Lanex2	301.7	513.1	111.2	926.0
2Lanesx2	192.4	328.9	692.7	1,214.0
3Lanesx2	88.5	149.2	80.0	317.7
4Lanesx2	237.2	48.8	0.0	286.0
5Lanesx2	45.7	0.0	0.0	45.7

Source: Department of Municipal Affairs and Transport, Municipalities of Abu Dhabi city - Al Ain city - Al Dhafra Region.

Note: The length of the road is not multiplied by the number of lanes

2.7.5 Length of Internal Roads

(length in km)

Region	2012	2013	2014	2015
Total	16,825	18,539	18,697	18,965
Abu Dhabi Region	13,164	13,184	13,200*	13,528
Al Ain Region	2,053	2,053	2,115	2,115
Al Dhafra Region	1,608	3,302	3,382	3,322

Source: Department of Municipal Affairs and Transport, Municipalities of Abu Dhabi city - Al Ain city - Al Dhafra Region

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

* Preliminary estimates

2.7.6 Aircraft Movement by Airport and Month

Airport / Month	2013	2014	2015	2016
Abu Dhabi international airport*	166,784	186,207	169,989	168,535
January	13,351	14,905	14,117	14,233
February	12,596	14,058	12,807	13,092
March	13,636	15,333	14,414	14,117
April	13,082	15,056	13,982	13,718
May	13,495	15,790	14,447	14,137
June	13,207	15,492	14,117	13,538
July	13,905	15,400	14,689	14,478
August	14,130	15,672	14,964	14,681
September	14,471	15,747	14,130	14,201
October	14,733	16,146	14,304	14,402
November	14,953	15,922	13,753	13,853
December	15,225	16,686	14,265	14,085
Al Ain international airport	3,147	26,993	24,579	25,749
January	371	3,304	1,534	2,069
February	264	3,423	2,019	2,082
March	256	2,523	2,376	1,634
April	229	2,887	2,749	2,640
May	196	2,329	2,884	2,086
June	221	2,464	2,420	2,291
July	190	2,406	2,038	1,982
August	239	3,376	2,118	2,391
September	292	2,578	1,656	2,550
October	264	341	1,435	2,193
November	280	485	1,575	1,728
December	345	877	1,775	2,103

Source: Abu Dhabi Airports Company

* Abu Dhabi International Airport figures include Al Bateen executive Airport data from 2010

2.7.7 Air Transport by Airport, Passengers and Freights

Item	2013	2014	2015	2016
Abu Dhabi international airport*				
Aircraft Movement	166,784	186,207	169,989	168,535
Passengers:				
Arrival	8,084,348	9,797,879	11,564,563	12,139,014
Departure	8,117,861	9,782,403	11,558,557	12,213,371
Transit	324,107	284,845	163,512	129,734
Freights (tons):				
In	373,100	431,138	458,565	445,860
Out	333,360	365,927	368,898	354,007
Mail (tons):				
In	2,011	3,093	3,975	5,433
Out	4,029	5,907	6,113	7,847
Al Ain international airport				
Aircraft Movement	3,147	26,993	24,579	25,749
Passengers:				
Arrival	23,729	22,718	25,992	34,579
Departure	20,378	19,652	23,746	30,640
Transit	31,250	27,179	11,443	31,460
Freights (tons):				
In	95	150	217	156
Out	332	121	868	440
Mail (tons):				
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 data from 2010

2.7.8 Air Cargo Discharged by Region

(Tons)

Region	2013	2014	2015	2016
Total	373,100	431,138	458,565	445,860
GCC countries	10,033	11,053	9,787	8,848
Other Arab countries	9,068	9,700	12,453	14,902
Asia (except Arab)	170,280	205,844	230,672	221,265
Europe	139,128	146,676	152,066	145,484
North America	10,661	17,893	20,102	16,511
South America	2,098	5,005	3,487	3,528
Africa (except Arab)	13,731	17,031	16,611	15,965
Australia	18,101	17,850	13,387	19,356
Others	0	86	0	0

Source: Abu Dhabi Airports Company

Note: Data exclude passengers baggage, diplomatic cargo and aircraft store

2.7.9 Air Cargo Loaded by Region of Destination

(Tons)

Region	2013	2014	2015	2016
Total	333,360	365,927	368,898	354,007
GCC countries	42,838	45,286	43,114	40,565
Other Arab countries	30,278	15,058	14,096	17,191
Asia (except Arab)	82,780	106,273	116,876	115,902
Europe	121,997	139,020	137,790	131,218
North America	8,677	16,737	15,329	14,000
South America	1,406	2,129	1,797	1,801
Africa (except Arab)	30,520	28,427	28,043	21,541
Australia	14,862	12,975	11,853	11,790
Others	2	22	0	0

Source: Abu Dhabi Airports Company

Note: Data exclude passengers baggage, diplomatic cargo and aircraft store

2.7.10 Air Passengers Arrivals by Region of Embarkation

Region	2013	2014	2015	2016
Total	8,084,348	9,797,879	11,564,563	12,139,014
GCC countries	1,393,432	1,652,283	1,753,222	1,805,190
Other Arab countries	668,493	574,004	686,811	707,983
Asia (except Arab)	3,068,958	4,009,320	4,839,961	5,114,609
Europe	1,998,770	2,324,205	2,825,223	2,852,072
North America	325,987	471,701	537,486	635,293
South America	25,856	75,213	72,579	89,781
Africa (except Arab)	245,563	270,162	313,222	318,721
Australia	357,289	418,283	532,518	610,998
Others	0	2,708	3,541	4,367

Source: Abu Dhabi Airports Company

Note: Data exclude transit passengers who continued their journey on the same flight

2.7.11 Air Passengers Departures by Region of Disembarkation

Region	2013	2014	2015	2016
Total	8,117,861	9,782,403	11,558,557	12,213,371
GCC countries	1,466,907	1,723,745	1,839,812	1,909,195
Other Arab countries	654,398	559,548	675,768	708,865
Asia (except Arab)	3,055,784	3,942,482	4,628,598	4,956,530
Europe	2,018,599	2,359,144	2,917,315	2,947,608
North America	331,795	478,396	598,668	691,663
South America	29,734	76,390	76,815	90,026
Africa (Except Arab)	232,746	242,117	289,595	301,343
Australia	327,898	397,766	528,297	603,853
Others	0	2,815	3,689	4,288

Source: Abu Dhabi Airports Company

Note: Data exclude transit passengers who continued their journey on the same flight

2.7.12 Main Indicators for Goods Vessels Movement

Item	2013	2014	2015	2016
Number of vessels	35,770	40,762	41,645	42,306
Container TEUs*				
Total TEUs	901,722	1,137,679	1,504,293	1,531,384
Discharged	445,228	568,477	751,745	761,780
Loaded	456,494	569,202	752,548	769,604
General cargo (metric tons)				
Total cargo	9,356,545	12,804,248	15,292,840	17,825,624
Discharged	8,650,805	11,901,968	14,339,966	16,731,767
Loaded	705,740	902,280	952,874	1,093,857
Vehicle unit				
Total units	90,191	106,071	134,272	119,758
Discharged	88,933	105,836	120,551	105,147
Loaded	1,258	235	13,721	14,611

Source: Abu Dhabi Port Company

* Twenty-foot Equivalent Unit (TEU)

2.7.13 Vessels Turnaround in Zayed Port

Item	2013	2014	2015	2016
Number of vessels	1,886	1,023	858	979
Total turnaround (Hours)	270045:22	257565:44	225601:42	258150:23
Average turnaround	2:25	1:26	1:56	1:42
Total stay (Hours)	273817:22	261683:44	229031:42	262070:23
Total gross tonnage (M.T)	28,878,968	30,133,143	18,272,313	19,397,935

Source: Abu Dhabi Port Company

2.7.14 Distribution of Container TEUs Incoming and Outgoing by Region

Region	2015		2016	
	Incoming	Outgoing	Incoming	Outgoing
Total	751,745	752,548	761,780	769,604
United Arab Emirates*	515,380	372,629	530,134	407,218
Other GCC Countries	67,086	20,495	76,727	22,673
Total Middle East (Non- GCC)	22,176	1,103	37,963	11,688
Indian Sub Continent	17,625	23,417	9,154	26,873
South East Asia	19,935	60,073	17,864	83,556
Far East	44,662	239,374	53,709	193,575
North Africa	7,742	5,718	3,727	7,777
South Africa	0	11	28	0
East Africa	661	4,585	4,569	2,420
West Africa	0	717	2	0
Western Europe	200	9	399	3
Mediterranean	56,184	8,209	24,134	7,677
Scandinavia	0	0	38	0
Eastern Europe	0	0	360	0
North America	22	0	364	0
Caribbean	52	0	0	0
Central America	0	0	0	0
South America	2	0	40	407
Australasia	18	0	5	10
Others	0	16,208	2,563	5,727

Source: Abu Dhabi Port Company

* Containers TEUs of UAE are from other emirates of UAE

2.7.15 Post Offices and Mail Boxes

Item	2013	2014	2015*	2016
Number of post offices	34	35	34	35
Number of private mail boxes	38,058	45,379	144,979	159,913
Number of mail boxes	53,284	59,413	167	110

Source: Emirates Post

* Number of private mail boxes including Individual mail Box & Corporate Mail Box (Collection & Delivery)

* Number of mail Drop boxes for Public (Collection Only)

2.7.16 Postal Traffic by Type

Postal Traffic	2013	2014	2015	2016
Registered letters				
Internal	989,932	1,239,289	1,317,036	1,023,088
External outgoing	59,800	76,948	73,229	65,189
External incoming	166,230	208,352	225,020	254,011
Parcels				
Internal	648	229	936	735
External outgoing	44,597	45,403	47,989	45,493
External incoming	30,851	32,686	33,449	33,922
Express mail				
Internal	10,451	13,886	17,973	18,874
External outgoing	58,026	61,159	61,508	62,570
External incoming	68,888	66,478	63,352	57,006

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 12, and the Fixed telephone subscribers per 100 inhabitants totaled 15 in 2016.

2.8.1 Key Statistics of Information and Communication Technology

Indicators	2010	2014	2015	2016*
Share in GDP at current prices (%)	2.9	2.1	2.7	3.0
Share in non-oil GDP at current prices (%)	5.7	4.3	4.2	4.2
Gross output (% of GDP at current prices)	3.9	3.3	4.2	4.6
Capital formation (% of GDP at current prices)	0.3	0.2	0.4	0.4
Compensation of employees (Million AED)	4,740	5,161	5,518	5,736

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

2.8.2 The Information and Communication Technology Indicators

Indicators	2013	2014	2015	2016
Fixed broadband subscribers per 100 inhabitants	12	12	12	12
Fixed telephone subscribers per 100 inhabitants	17	19	16	15
Mobile cellular subscribers per 100 inhabitants	197	199	186	146
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				
	2012	2013	2014	2015	2016
Consumer fixed broadband internet access tariff (256 kbps)	149	149	149	149	69
Business fixed broadband internet access tariff (512 kbps)	775	775	775	775	306*
Fixed line telephone tariff:					
Home user	15	39	39	39	39
Business user	50	95	95	95	95
Mobile cellular prepaid tariff (100 minutes/month)	29	30	20	20	14

Source: Emirates Telecommunication Corporation- Etisalat

* (4 Mbps)

2.8.4 Daily Distributed Local Newspapers by Month

Month	2012	2013	2014	2015
Total	51,743,359	69,342,411	69,719,493	69,828,720
January	4,524,270	5,861,652	5,902,735	5,938,361
February	4,131,842	5,422,100	5,535,835	5,488,257
March	4,426,696	5,887,415	6,031,564	6,055,455
April	4,298,847	5,755,349	5,870,229	5,880,341
May	4,443,820	5,907,875	5,749,706	5,863,755
June	4,191,211	5,647,474	5,740,256	5,810,770
July	4,337,712	5,923,055	5,634,393	5,769,277
August	4,228,503	5,715,155	5,754,978	5,844,623
September	4,214,256	5,790,409	5,886,588	5,795,452
October	4,370,147	5,757,397	5,847,008	5,819,119
November	4,258,340	5,696,540	5,837,683	5,798,872
December	4,317,715	5,977,990	5,928,518	5,764,440

Source: Local Newspapers

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 increased to 169 in 2016. As a result, the number of rooms increased to more than 30 thousand, an increase of 2.8% compared with the previous year. In 2016, the number of guests totaled about 4.4 million, an increase of 8.1% compared with the previous year. The occupancy rate decreased to 73.0% in 2016, compared with 75.4% in 2015, while the number of guest nights decreased also by 1.7% compared with 2015.

2.9.1 Key Statistics of the Hotel Establishments Activity

Item	2013	2014	2015	2016
Number of hotel establishments	150	160	168	169
Number of rooms	26,001	28,374	29,760	30,602
Number of guests (Thousand)	2,806	3,494	4,106	4,440
Number of guestnights (Thousand)	8,789	10,463	12,243	12,032
Average length of stay (nights)	3.1	3.0	2.9	2.7
Occupancy rate %	70.8	74.9	75.4	73.0
ARR: Average revenue of hotel rooms (AED)	448	442	439	397
Rev PAR: Average revenue of available room (AED)	317	331	331	290

Source: Abu Dhabi Tourism & Culture Authority

2.9.2 Hotel Establishments Indicators by Type, 2016

Item	Hotel	Hotel Apartments	Total
Number of hotel establishments	113	56	169
Number of rooms	24,120	6,482	30,602
Number of guests (Thousand)	4,012	428	4,440
Number of guestnights (Thousand)	9,299	2,732	12,032
Average length of stay (nights)	2.3	6.5	2.7
Occupancy rate (%)	71	80	73
ARR: Average revenue of hotel rooms (AED)	422	316	397
Rev PAR: Average revenue of available room (AED)	300	252	290

Source: Abu Dhabi Tourism & Culture Authority

2.9.3 Hotel Establishments Indicators by Region, 2016

Item	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Total
Number of hotel establishments	140	18	11	169
Number of hotel rooms	27,258	2,164	1,180	30,602
Number of guests (Thousand)	3,893	427	120	4,440
Number of guest nights (Thousand)	10,792	850	390	12,032
Average length of stay (nights)	2.8	2.0	3.2	2.7
Occupancy rate (%)	74	66	68	73

Source: Abu Dhabi Tourism & Culture Authority

2.9.4 Guests of Hotel Establishments by Nationality

Nationality	2013	2014	2015	2016
Total	2,806,283	3,494,063	4,105,846	4,440,314
United Arab Emirates	960,476	1,152,085	1,379,589	1,462,015
Other GCC countries	191,937	240,478	269,654	291,368
Other Arab countries	336,486	389,479	439,174	524,646
Asia (except Arab)	530,016	723,291	879,425	1,051,732
Australia and Pacific	46,500	57,430	723,701	60,377
Africa (except Arab)	42,127	53,642	221,845	64,847
Europe	529,082	651,804	60,637	724,526
North and South America	134,184	185,023	64,956	210,236
Not Specified	35,475	40,831	66,865	50,567

Source: Abu Dhabi Tourism & Culture Authority

2.9.5 Guestnights of Hotel Establishments by Nationality

Nationality	2013	2014	2015	2016
Total	8,789,215	10,463,137	12,243,096	12,031,567
United Arab Emirates	2,220,750	2,639,751	3,788,032	3,228,614
Other GCC countries	431,908	529,196	593,752	651,778
Other Arab countries	903,676	1,020,839	1,135,386	1,322,513
Asia (except Arab)	1,716,105	2,166,878	2,331,090	2,544,572
Australia and Pacific	159,196	192,480	2,910,468	186,553
Africa (except Arab)	137,494	169,820	945,473	200,751
Europe	2,444,342	2,800,951	190,807	2,923,512
North and South America	682,174	842,171	195,248	867,996
Not Specified	93,570	101,051	152,840	105,278

Source: Abu Dhabi Tourism & Culture Authority

2.9.6 Guests of Hotel Establishments by Nationality and Classification, 2016

Nationality	5- stars	4- stars	3- stars or less	Hotel Apartments	Total
Total	1,857,415	1,325,076	829,488	428,335	4,440,314
United Arab Emirates	721,501	415,721	185,910	138,883	1,462,015
Other GCC countries	122,083	80,017	52,101	37,167	291,368
Other Arab countries	144,939	179,698	136,076	63,933	524,646
Asia (except Arab)	338,401	322,672	289,103	101,556	1,051,732
Australia and Pacific	25,316	16,766	14,338	3,957	60,377
Africa (except Arab)	16,509	22,993	17,688	7,657	64,847
Europe	368,146	211,171	95,366	49,843	724,526
North and South America	97,784	59,767	31,680	21,005	210,236
Not Specified	22,736	16,271	7,226	4,334	50,567

Source: Abu Dhabi Tourism & Culture Authority

* Includes: 3, 2 and 1 stars hotel establishments

2.9.7 Guestnights for Hotel Establishments by Nationality and Classification, 2016

Nationality	5- stars	4- stars	3- stars or less	Hotel Apartments	Total
Total	4,605,761	2,853,053	1,840,612	2,732,141	12,031,567
United Arab Emirates	1,481,507	759,921	461,910	525,276	3,228,614
Other GCC countries	296,174	161,020	91,359	103,225	651,778
Other Arab countries	312,830	374,057	291,193	344,433	1,322,513
Asia (except Arab)	613,232	618,979	552,597	759,764	2,544,572
Australia and Pacific	62,754	43,364	27,460	52,975	186,553
Africa (except Arab)	48,001	55,620	43,696	53,434	200,751
Europe	1,431,391	640,400	282,307	569,414	2,923,512
North and South America	311,457	175,960	78,376	302,203	867,996
Not Specified	48,415	23,732	11,714	21,417	105,278

Source: Abu Dhabi Tourism & Culture Authority

* Includes 3, 2 and 1 stars hotel establishments

2.9.8 Average Length of Stay for Hotel Establishments by Nationality

Nationality	2015	2016	Difference
Average	2.90	2.71	-6.6
United Arab Emirates	2.75	2.21	-19.6
Other GCC countries	2.20	2.24	1.7
Other Arab countries	2.59	2.52	-2.7
Asia (except Arab)	2.63	2.39	-9.1
Australia and Pacific	3.01	3.09	2.7
Africa (except Arab)	3.15	3.10	-1.7
Europe	4.02	4.04	0.4
North and South America	4.26	4.13	-3.1
Not Specified	2.29	2.08	-9.1

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

2.9.9 Occupancy Rate of Hotel Establishments by Month

Month	2013	2014	2015	2016
Average	70.8	74.9	75.4	73.0
January	69.6	76.9	76.6	76.9
February	77.6	81.0	81.6	77.4
March	73.6	79.9	79.9	82.7
April	72.3	79.1	77.8	77.1
May	67.3	74.1	74.7	75.0
June	64.6	69.7	64.3	54.2
July	53.6	55.4	63.6	64.7
August	63.4	70.4	71.0	70.2
September	71.2	72.7	74.5	70.1
October	78.7	78	80.9	72.5
November	83.1	84.2	82.7	79.8
December	74.4	78.2	76.9	74.8

Source: Abu Dhabi Tourism & Culture Authority

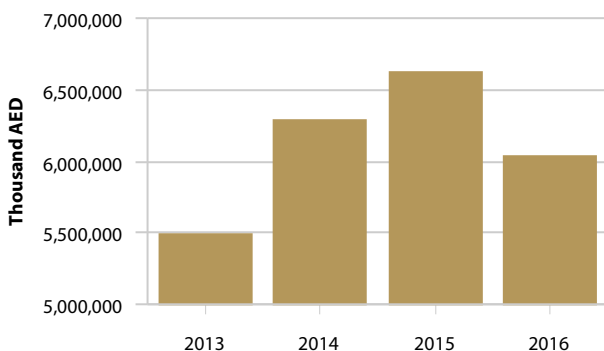
2.9.10 Total Revenue of Hotel Establishments

(Thousand AED)

Item	2013	2014	2015	2016
Total revenue	5,488,711	6,284,414	6,624,260	6,032,722
Room revenue	2,837,508	3,264,862	3,488,243	3,159,557
Food & beverage revenue	2,107,820	2,339,341	2,321,950	2,099,201
Other revenue	543,384	680,211	814,068	773,963

Source: Abu Dhabi Tourism & Culture Authority

Figure 2.9.1 Total Revenue of Hotel Establishments



Source: Abu Dhabi Tourism & Culture Authority





3. Population and Demography

- Population
- Births and Deaths
- Marriage and Divorce

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 2016 describe the vital events affecting population change.

The resident population of the Abu Dhabi Emirate is 2,908,173 people in 2016. In mid-year 2016 the estimated population in Abu Dhabi Region was 1.8 million (62.1%), Al Ain Region 0.76 million (26.4%), and Al Gharbia 0.33 million (11.5%).

In Abu Dhabi, fertility is higher than most developed regions of the world, and mortality remains extremely low. In 2016, Crude Birth Rates and Crude Death Rates were 13.7 births and 1.1 deaths per 1000 population respectively.

2016	Total Population (Mid-Year Estimate)	2,908,173
	Males	1,857,618
	Females	1,050,555
	Average Annual Population Growth Rate (2010- 2016) (%)	5.6
	Age Dependency Ratio	21.3
	Age Dependency Ratio, Old	1.1
	Age Dependency Ratio, Young	20.1
	General Fertility Rate (Births per 1000 Women Aged 15 - 49 Years)	53.8
	Crude Birth Rate (Births per 1000 Population)	13.7
	Crude Death Rate (Deaths per 1000 Population)	1.1
	Infant Mortality Rate (Deaths per 1000 Live Births)	7.0
	Under 5 Mortality Rate (Deaths per 1000)	8.8
	Life Expectancy at Birth for Male Citizens (Years)	75.9
	Life Expectancy at Birth for Female Citizens (Years)	79.5
	Median Age at First Marriage for Males (Years)	28.7
	Median Age at First Marriage for Females (Years)	25.6

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.

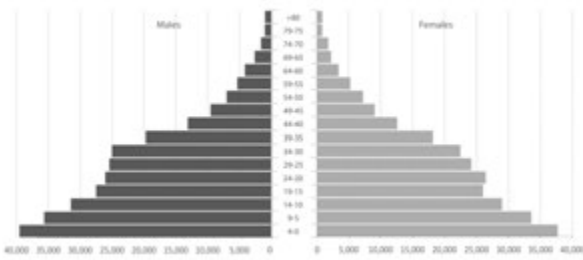
Of the total Abu Dhabi Emirate population, 551,535 (19.0%) are Emirati citizens. Of the citizens, 293,860 (53.3%) live in Abu Dhabi Region, and 226,285 (41.0%) in Al Ain Region, and 31,390 (5.7%) in Al Dhafra Region.

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



Source: Statistics Center - Abu Dhabi

3.1.1 Population by Gender and Citizenship, Census Years

(Persons)

Census Year and Gender	Citizens	Non-Citizens	Total
1975	54,886	156,926	211,812
Males	29,238	125,820	155,058
Females	25,648	31,106	56,754
1980	90,792	361,056	451,848
Males	47,993	283,695	331,688
Females	42,799	77,361	120,160
1985	135,982	430,054	566,036
Males	69,975	310,278	380,253
Females	66,007	119,776	185,783
1995	222,627	719,836	942,463
Males	113,365	537,379	650,744
Females	109,262	182,457	291,719
2001	296,152	874,102	1,170,254
Males	148,982	640,844	789,826
Females	147,170	233,258	380,428
2005	350,277	1,049,207	1,399,484
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
Grand Total	10.4	5.2	4.0	7.7
Males	9.4	5.5	3.6	9.0
Females	12.6	4.6	5.0	5.0
Citizens	9.5	5.1	4.6	4.1
Males	9.1	4.9	4.6	4.5
Females	9.9	5.2	4.7	3.7
Non-Citizens	10.6	5.3	3.8	8.8
Males	9.5	5.6	3.4	10
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
Grand Total	2,094,480	2,908,173	5.6
Males	1,460,794	1,857,618	4.1
Females	633,686	1,050,555	8.8
Citizens	437,483	551,535	3.9
Males	224,498	282,632	3.9
Females	212,985	268,903	4.0
Non-Citizens	1,656,997	2,356,638	6.0
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
Abu Dhabi Emirate	35.2	44.7	46.8	48.9
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
Abu Dhabi Emirate			
2010	1,461	633.7	2,095
2016	1,858	1,051	2,908
Abu Dhabi Region			
2010	871.5	394.6	1,266
2016	1,122	685.3	1,807
Al Ain Region			
2010	376.8	209.2	585.9
2016	451.8	315.2	766.9
Al Gharbia Region			
2010	212.5	30.0	242.4
2016	283.9	50.1	334.0

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
Abu Dhabi Emirate	2,094	2,656	2,785	2,908
Abu Dhabi Region	1,266	1,640	1,720	1,807
Citizens	231.2	262.2	276.4	293.9
Males	118.7	133.4	140.2	147.7
Females	112.5	128.7	136.2	146.1
Non-Citizens	1,035	1,377	1,444	1,513
Males	752.8	929.1	961.7	974.3
Females	282	447.6	482.1	539.1
Al Ain Region	585.9	704.1	738.5	766.9
Citizens	179.5	215.8	230	226.3
Males	90.3	109.9	117.3	115.6
Females	89.2	105.8	112.7	110.7
Non-Citizens	406.4	488.3	508.5	540.7
Males	286.5	327.6	336.9	336.2
Females	120	160.7	171.6	204.5
Al Gharbia Region	242.4	313.5	325.8	334
Citizens	26.7	29.6	30.3	31.4
Males	15.5	17.8	18.5	19.3
Females	11.3	11.7	11.9	12
Non-Citizens	215.7	283.9	295.5	302.6
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
Total	1,857,618	1,050,555	2,908,173
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
Total	282,632	268,903	551,535
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
Total	1,574,986	781,652	2,356,638
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
Total	1,121,963	685,273	1,807,236
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
Total	147,713	146,147	293,860
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
Total	974,250	539,126	1,513,376
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
Total	753,815	512,374	1,266,189
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
Total	70,864	69,026	139,890
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
Total	682,951	443,348	1,126,299
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
Total	368,148	172,899	541,047
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
Total	76,849	77,121	153,970
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
Total	291,299	95,778	387,077
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
Total	451,754	315,182	766,936
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
Total	115,574	110,711	226,285
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
Total	336,180	204,471	540,651
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
Total	292,303	226,969	519,272
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
Total	66,916	65,047	131,963
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
Total	225,387	161,922	387,309
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
Total	159,451	88,213	247,664
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
Total	48,658	45,664	94,322
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
Total	110,793	42,549	153,342
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
Total	283,901	50,100	334,001
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
Total	19,345	12,045	31,390
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
Total	264,556	38,055	302,611
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
Age Dependency Ratio				
Total	20.5	29.4	9.3	21.3
Citizens	69.2	69.9	53.1	68.5
Non-Citizens	14.1	17.6	6.2	13.8
Old Age Dependency Ratio (aged 65+)				
Total	1.1	1.5	0.5	1.1
Citizens	3.6	3.9	3.3	3.7
Non-Citizens	0.8	0.8	0.3	0.7
Young Age Dependency Ratio (aged 0-14)				
Total	19.4	27.9	8.8	20.1
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
Total	163.7	143.3	566.7	176.8
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
Total	230.5	198.4	192.3	176.8
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+
Grand Total	16.6	82.5	0.9
Males	13.2	86	0.7
Females	22.6	76.2	1.2
Citizens	38.5	59.3	2.2
Males	38.8	59.1	2.2
Females	38.1	59.6	2.2
Non-Citizens	11.5	87.9	0.6
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 the Health Authority - Abu Dhabi.

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

The number of births in the Abu Dhabi Emirate in 2016 was 39,731, comprising 20,268 males and 19,463 females.

The number of deaths during the same year was 3,282 including 2,274 males and 1,007 females. The 2016 Crude Birth Rates for citizens, non-citizens and the population as a whole were 30.3, 9.7 and 13.7 births per 1,000 population respectively.

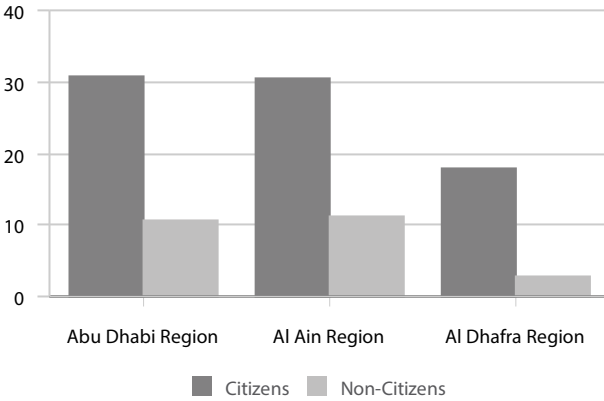
The 2016 Crude Death Rates for citizens, non-citizens and the population as a whole were 2.0, 0.9 and 1.1 deaths per 1,000 population respectively. Infants, under one year old, and children, under five years old, normally have higher mortality rates than other young people. The 2016 Infant Mortality Rates for citizens, non-citizens and the population as a whole were 7.7, 6.5 and 7.0 infant deaths per 1,000 live births respectively.

The corresponding child mortality rates in 2016 were 9.7, 8.2 and 8.8 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 2016, life expectancy at birth for Abu Dhabi Emirate was 75.9 years for male citizens, and 79.5 years for female citizens. The proportion of births likely to survive to an age of 65 years were 85.8% and 91.3% 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 91.1% and 95.3% respectively.

Figure 3.2.1 Crude Birth Rate (Births per 1000 Population) by Citizenship and Region, 2016



Source: Statistics Centre - Abu Dhabi

3.2.1 Sex Ratio at Birth by Citizenship, Abu Dhabi Emirate

(Males per 100 Females)

Citizenship	2010	2014	2015	2016
Total	104.4	105.2	105.7	104.1
Citizens	102.3	104.1	104.7	105.3
Non-Citizens	106.1	106.1	106.4	103.3

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, May 2017

3.2.2 Sex Ratio at Birth by Citizenship and Region, 2016

(Males per 100 Females)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	105.0	103.2	99.9	104.1
Citizens	107.2	103.3	104.7	105.3
Non-Citizens	103.7	103.0	96.5	103.3

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, May 2017

3.2.3 Births by Citizenship, Region and Gender, 2016

(Births)

Citizenship, Region and Gender	Males	Females	Total
Grand Total	20,268	19,463	39,731
Abu Dhabi Region	12,896	12,283	25,179
Al Ain Region	6,564	6,361	12,925
Al Dhafra Region	706	707	1,413
Abroad & Not Stated	102	112	214
Citizens	8,581	8,151	16,732
Abu Dhabi Region	4,700	4,385	9,085
Al Ain Region	3,498	3,386	6,884
Al Dhafra Region	287	274	561
Abroad & Not Stated	96	106	202
Non-Citizens	11,640	11,271	22,911
Abu Dhabi Region	8,166	7,873	16,039
Al Ain Region	3,054	2,964	6,018
Al Dhafra Region	418	433	851
Abroad & Not Stated	2	1	3
Not Stated	47	41	88
Abu Dhabi Region	30	25	55
Al Ain Region	12	11	23
Al Dhafra Region	1	0	1
Abroad & Not Stated	4	5	9

Source: Health Authority - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, May 2017

3.2.4 Crude Birth Rate by Citizenship, Abu Dhabi Emirate

(Births per 1000 Population)

Citizenship	2010	2014	2015	2016
Total	14.1	14.3	13.9	13.7
Citizens	31.2	31.6	30.6	30.3
Non-Citizens	9.6	10.2	10.0	9.7

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, May 2017

3.2.5 Crude Birth Rate by Citizenship and Region, 2016

(Births per 1000 Population)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	13.9	16.9	4.2	13.7
Citizens	30.9	30.4	17.9	30.3
Non-Citizens	10.6	11.1	2.8	9.7

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, May 2017

3.2.6 General Fertility Rate by Citizenship and Region, 2016

(Births per 1000 Female Population 15-49 Years)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	51.0	61.1	41.8	53.8
Citizens	115.1	118.7	90.9	116.9
Non Citizens	38.7	39.2	30.8	38.5

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, May 2017

3.2.7 Total Fertility Rate by Citizenship and Region, 2016

(Children per Woman)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	1.4	1.8	1.2	1.5
Citizens	3.6	4.1	2.8	3.7
Non Citizens	1.0	1.1	0.9	1.0

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, May 2017

3.2.8 Age Specific Fertility Rates by Age Group and Region, 2016

(Births per 1000 Female Population age 15-49)

Age Group	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
15-19	8.6	8.2	13.3	8.7
20-24	42.0	54.2	42.8	46.2
25-29	74.9	90.7	55.4	78.7
30-34	79.5	98.8	67.7	84.4
35-39	55.9	74.6	40.2	60.5
40-44	19.1	30.3	19.6	22.3
45-49	2.2	3.5	1.4	2.6

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, May 2017

3.2.9 Deaths by Citizenship, Region and Gender, 2016

(Deaths)

Citizenship, Region and Gender	Males	Females	Total
Grand Total	2,274	1,007	3,282
Abu Dhabi Region	1,317	600	1,918
Al Ain Region	671	325	996
Al Dhafra Region	134	25	159
Abroad & Not Stated	152	57	209
Citizens	683	437	1,120
Abu Dhabi Region	355	242	597
Al Ain Region	223	140	363
Al Dhafra Region	29	11	40
Abroad & Not Stated	76	44	120
Non-Citizens	1,590	570	2,160
Abu Dhabi Region	961	358	1,319
Al Ain Region	448	185	633
Al Dhafra Region	105	14	119
Abroad & Not Stated	76	13	89

Source: Health Authority - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, May 2017

Total includes 2 cases of deaths with citizenship not stated.

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

(Deaths per 1000 Population)

Citizenship and Gender	2010	2014	2015	2016
Grand Total	1.4	1.2	1.1	1.1
Males	1.4	1.2	1.2	1.2
Females	1.3	1.1	1.0	1.0
Citizens	2.2	2.1	2.1	2.0
Males	2.5	2.5	2.5	2.4
Females	1.8	1.7	1.6	1.6
Non-Citizens	1.1	1.0	0.9	0.9
Males	1.2	1.0	1.0	1.0
Females	1.0	0.9	0.8	0.7

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, May 2017

3.2.11 Crude Death Rate by Citizenship, Gender and Region, 2016

(Deaths per 1000 Population)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Grand Total	1.1	1.3	0.5	1.1
Males	1.2	1.5	0.5	1.2
Females	0.9	1.0	0.5	1.0
Citizens	2.0	1.6	1.3	2.0
Males	2.4	1.9	1.5	2.4
Females	1.7	1.3	0.9	1.6
Non-Citizens	0.9	1.2	0.4	0.9
Males	1.0	1.3	0.4	1.0
Females	0.7	0.9	0.4	0.7

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, May 2017

3.2.12 Age Specific Death Rate by Age Group and Gender, 2016

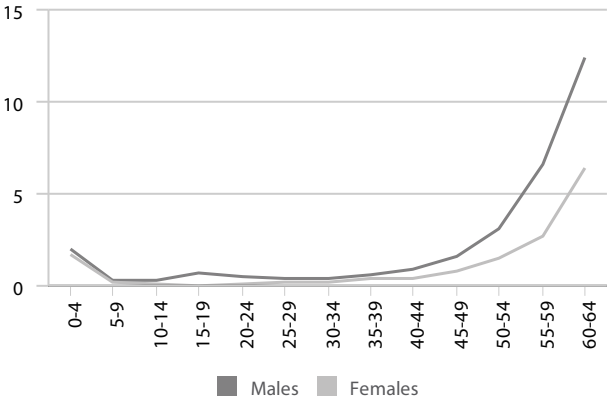
(Deaths per 1000 Population)

Age Group	Males	Females	Total
Total	1.2	1.0	1.1
0-4	2.0	1.7	1.9
5-9	0.3	0.2	0.2
10-14	0.3	0.1	0.2
15-19	0.7	0.0	0.4
20-24	0.5	0.1	0.4
25-29	0.4	0.2	0.3
30-34	0.4	0.2	0.4
35-39	0.6	0.4	0.5
40-44	0.9	0.4	0.7
45-49	1.6	0.8	1.3
50-54	3.1	1.5	2.6
55-59	6.6	2.7	5.1
60-64	12.4	6.4	9.8
65-69	21.8	15.1	18.7
70-74	33.2	25.1	29.1
75-79	55.4	53.4	54.4
80+	105.5	105.7	105.6

Source: Statistics Centre - Abu Dhabi

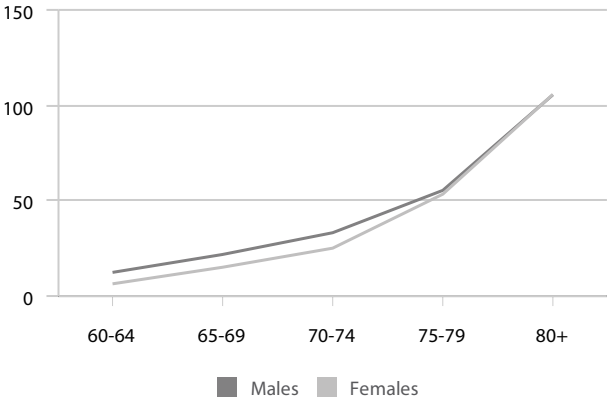
Based on Health Authority - Abu Dhabi preliminary data, May 2017

Figure 3.2.2 Age Specific Deaths Rate (Deaths per 1000 Population) for 0 to 64 Years by Gender, 2016



Source: Statistics Centre - Abu Dhabi

Figure 3.2.3 Age Specific Deaths Rate (Deaths per 1000 Population) for 65 Years and Older by Gender, 2016



Source: Statistics Centre - Abu Dhabi

3.2.13 Deaths by Region, Citizenship, Gender and Age at Death, 2016

(Deaths)

Region, Citizenship and Gender	Deaths	Neonatal Deaths	Infant Deaths	Child Deaths
	(All Ages)	(Below 1 Month)	(Under 1 Year)	(1-4 Years)
Abu Dhabi Emirate	3,282	193	277	73
Abu Dhabi Region	1,918	129	186	40
Al Ain Region	996	57	77	29
Al Dhafra Region	159	3	3	0
Citizenship				
Citizens	1,120	92	129	33
Non-Citizens	2,160	101	148	40
Gender				
Males	2,274	114	155	41
Females	1,007	79	122	32

Source: Health Authority - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, May 2017

* There are 209 cases not stated region or died abroad

3.2.14 Infant Mortality Rate (Under 1 Year) by Citizenship, Gender and Region, 2016

(Deaths per 1000 Live Births)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region*	Abu Dhabi Emirate
Grand Total	7.4	6.0	-	7.0
Males	11.3	6.5	-	7.6
Females	5.2	5.5	-	6.3
Citizens	7.4	7.6	-	7.7
Males	7.4	8.6	-	8.2
Females	7.3	6.5	-	7.2
Non-Citizen	7.4	4.3	-	6.5
Males	8.3	4.9	-	7.3
Females	6.5	3.7	-	5.6

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, May 2017

* 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, 2016

(Deaths per 1000 Population)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region*	Abu Dhabi Emirate
Grand Total	9.0	8.2	-	8.8
Males	14.2	8.7	-	9.7
Females	2.4	7.8	-	7.9
Citizens	9.5	9.3	-	9.7
Males	10.0	10.3	-	10.3
Females	8.9	8.3	-	9.1
Non-Citizens	8.7	7.1	-	8.2
Males	10.0	7.9	-	9.3
Females	7.4	6.4	-	7.1

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, May 2017

* 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, 2016

(Per 100 Population)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	1.3	1.6	0.4	1.3
Citizens	2.9	2.9	0.6	4.2
Non-Citizens	1.0	1.0	0.0	0.5

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, May 2017

3.2.17 Life Expectancy at Birth for Citizens by Gender

(Years)

Year	2013	2014	2015	2016
Citizens	77.2	77.5	77.0	77.3
Males	76.1	76.5	76.0	75.9
Females	79.3	80.1	79.8	79.5

Source: Statistics Centre - Abu Dhabi

Based on life table calculated with 5-year averages using the Lee-Carter Method

3.2.18 Births Surviving to Age 65 Years for Citizens by Gender

(%)

Year	2013	2014	2015	2016
Citizens	86.9	87.4	87.9	88.3
Males	84.2	84.9	85.3	85.8
Females	90.0	90.4	91.0	91.3

Source: Statistics Centre - Abu Dhabi

Based on life table calculated with 5-year averages using the Lee-Carter Method

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

(%)

Year	2013	2014	2015	2016
Citizens	92.3	92.7	92.8	93.1
Males	90.2	90.8	90.8	91.1
Females	94.6	94.8	95.1	95.3

Source: Statistics Centre - Abu Dhabi

Based on life table calculated with 5-year averages using the Lee-Carter Method

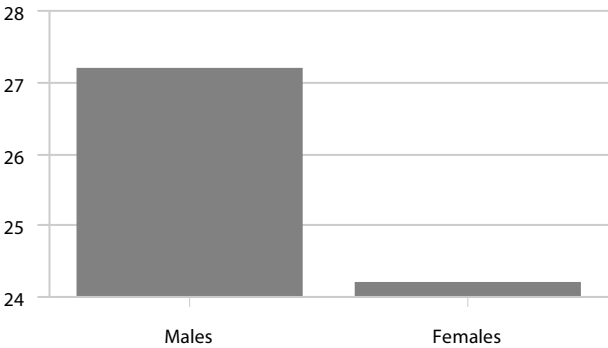
Marriage and Divorce

Marriages are measured as the number of registered marriage contracts. According to Emirate of Abu Dhabi - Judicial Department statistics there were 5,892 new marriage contracts registered in 2016 and 3,327 of these marriages the wife was an Emirati citizen.

The median age at marriage for Abu Dhabi Emirate in 2016 was 28.7 years for males and 25.6 years for females. For citizens of Abu Dhabi Emirate the median age at first marriage was 28.7 years for males and 25.6 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 2016 was 1,922 of which 978 divorces involved female Emirati citizens.

Figure 3.2.4 Median Age at Marriage for Citizens by Gender, 2016



Source: Statistics Centre - Abu Dhabi

3.2.20 Registered Marriages by Region, Citizenship and Gender

(Marriage Contracts)

Region, Citizenship and Gender	2010	2014	2015	2016
Abu Dhabi Emirate	5,848	6,442	6,037	5,892
Citizens				
Males	3,642	3,910	3,789	3,698
Females	3,242	3,549	3,403	3,327
Non-Citizens				
Males	2,206	2,532	2,248	2,194
Females	2,606	2,893	2,634	2,565
Abu Dhabi Region	3,347	3,671	3,557	3,410
Citizens				
Males	1,818	1,949	1,973	1,906
Females	1,603	1,751	1,712	1,668
Non-Citizens				
Males	1,529	1,722	1,584	1,504
Females	1,744	1,920	1,845	1,742
Al Ain Region	2,250	2,498	2,273	2,299
Citizens				
Males	1,614	1,736	1,631	1,653
Females	1,441	1,592	1,525	1,519
Non-Citizens				
Males	636	762	642	646
Females	809	906	748	780
Al Dhafra Region	251	273	207	183
Citizens				
Males	210	225	185	139
Females	198	206	166	140
Non-Citizens				
Males	41	48	22	44
Females	53	67	41	43

Source: Emirate of Abu Dhabi - Judicial Department

Based on Judicial department - Abu Dhabi preliminary data, May 2017

3.2.21 Median Age at Marriage by Citizenship, Gender and Region, 2016

(Years)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Grand Total	28.0	26.2	25.7	27.1
Males	29.6	27.6	27.1	28.7
Females	26.3	24.5	23.8	25.6
Citizens				
Males	28.0	26.4	26.4	27.2
Females	24.7	23.6	23.9	24.2
Non-Citizens				
Males	31.2	30.7	30.2	31.0
Females	27.7	26.4	23.8	27.2

Source: Statistics Centre - Abu Dhabi

Based on Judicial department - Abu Dhabi preliminary data, May 2017

3.2.22 Crude Marriage Rate by Citizenship, Gender and Region, 2016

(Per 1000 Population)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	1.9	3.0	0.5	2.0
Male Citizens	12.9	14.3	7.2	13.1
Female Citizens	11.4	13.7	11.6	12.4
Male Non-Citizens	1.5	1.9	0.2	1.4
Female Non-Citizens	3.2	3.8	1.1	3.3

Source: Statistics Centre - Abu Dhabi

Based on Judicial department - Abu Dhabi preliminary data, May 2017

3.2.23 General Marriage Rates by Citizenship, Gender and Region, 2016

(Per 1000 Population 15 Years and older)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	2.2	3.8	0.6	2.4
Male Citizens	21.5	23.4	10.0	21.4
Female Citizens	18.3	22.4	19.1	20.0
Male Non-Citizens	1.7	2.2	0.2	1.5
Female Non-Citizens	3.9	4.7	1.5	4.0

Source: Statistics Centre - Abu Dhabi

Based on Judicial department - Abu Dhabi preliminary data, May 2017

3.2.24 Refined Marriage Rates by Citizenship, Gender and Region, 2016

(Per 1000 unmarried Population 15 Years and older)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	6.6	10.7	2.0	7.1
Male Citizens	55.7	60.3	33.0	56.2
Female Citizens	44.3	49.0	49.4	46.6
Male Non-Citizens	5.2	6.5	0.6	4.7
Female Non-Citizens	11.3	13.6	4.3	11.6

Source: Statistics Centre - Abu Dhabi

Based on Judicial department - Abu Dhabi preliminary data, May 2017

3.2.25 Registered Divorces by Region, Citizenship and Gender

(Registered Divorces)

Region, Citizenship and Gender	2010	2014	2015	2016
Abu Dhabi Emirate	1,769	1,872	1,813	1,922
Citizens				
Males	1,091	1,201	1,090	1,200
Females	820	900	865	978
Non-Citizens				
Males	678	671	723	722
Females	949	972	948	944
Abu Dhabi Region	1,201	1,228	1,205	1,276
Citizens				
Males	707	744	679	733
Females	529	548	534	603
Non-Citizens				
Males	494	484	526	543
Females	672	680	671	673
Al Ain Region	512	578	545	579
Citizens				
Males	346	414	359	413
Females	256	317	291	331
Non-Citizens				
Males	166	164	186	166
Females	256	261	254	248
Al Dhafra Region	56	66	63	67
Citizens				
Males	38	43	52	54
Females	35	35	39	44
Non-Citizens				
Males	18	23	11	13
Females	21	31	24	23

Source: Emirate of Abu Dhabi - Judicial Department

Based on Judicial department - Abu Dhabi preliminary data, May 2017

3.2.26 Crude Divorce Rate by Citizenship, Gender and Region, 2016

(Per 1000 Population)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	0.7	0.8	0.2	0.7
Male Citizens	5.0	3.6	2.8	4.2
Female Citizens	4.1	3.0	3.7	3.6
Male Non-Citizens	0.6	0.5	0.1	0.5
Female Non-Citizens	1.2	1.2	0.6	1.2

Source: Statistics Centre - Abu Dhabi

Based on Judicial department - Abu Dhabi preliminary data, May 2017

3.2.27 General Divorce Rate by Citizenship, Gender and Region, 2016

(Per 1000 Population 15 Years and older)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	0.8	1.0	0.2	0.8
Male Citizens	8.3	5.8	3.9	6.9
Female Citizens	6.6	4.9	6.0	5.9
Male Non-Citizens	0.6	0.6	0.1	0.5
Female Non-Citizens	1.5	1.5	0.8	1.5

Source: Statistics Centre - Abu Dhabi

Based on Judicial department - Abu Dhabi preliminary data, May 2017

3.2.28 Refined Divorce Rate by Citizenship, Gender and Region, 2016

(Per 1000 married Population 15 Years and older)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	1.2	1.4	0.3	1.3
Male Citizens	13.7	9.7	5.6	12.5
Female Citizens	11.6	9.0	9.8	11.0
Male Non-Citizens	0.9	0.8	0.1	0.1
Female Non-Citizens	2.4	2.6	1.2	2.5

Source: Statistics Centre - Abu Dhabi

Based on Judicial department - Abu Dhabi preliminary data, May 2017





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.

2016	Education	
	Government Schools	255
	Private Schools	187
	Pupils in Government Schools	129,794
	Pupils in Private Schools	236,235
	Pupils per Teacher	15.4
	Pupils per Classroom	21.4
	Culture and Heritage	
	Visitors of Museums	245,022

4.1. Education

Abu Dhabi has made 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, colleges/institutes, adult education centres and universities and qualified teachers in the government and private sectors.

This section provides detailed statistics on education for the academic year 2015-16.

The total number of schools in Abu Dhabi Emirate was 442 of which 255 were government schools and 187 were private schools, comprising 17,118 classrooms. In these schools there were 366,029 pupils, 23,745 teachers and 10,265 administrators. The number of pupils per teacher was 15.4 and the number of pupils per classroom was 21.4.

In the school year in 2015-16, 35.5% of pupils were enrolled in government education, while 64.5% of them were enrolled in private education, up from 49.3% in 2005-06. The number of female pupils per 100 male pupils in all education stages for the Emirate was 96.2.

In 2015-16, the number of Emirati pupils enrolled in all stages of schooling up to the secondary stage was 159,364, representing 43.5% of all pupils. The school gross enrolment ratio for 2015-16 was 102.7 in the first education cycle, 95.5 in the second cycle and 71.2 in secondary Stage. The 2015-16 progression ratios to secondary school for males, females and both genders were 96.5%, 97.5% and 97.0% respectively a total of 19,744 students progressing to secondary school in 2015-16, up 3.6% compared with the previous year.

In 2015-16, there were 9,134 students enrolled in literacy and adult education centres and home schooling, of whom 73.5% were citizens.

There were 244 teachers including 163 citizens. The academic year 2015-16 witnessed the graduation of 8,082 students from higher education, of whom 5,279 students graduated from the government universities and institutions and 2,803 from the private universities and institutions with 60.5% being citizens. Total enrolments in higher education were 52,053, of whom 38,049 were citizens.

2016

Government Education

Schools	255
Classrooms	5,646
Pupils	129,794
Teachers	11,786
Administrators	3,872

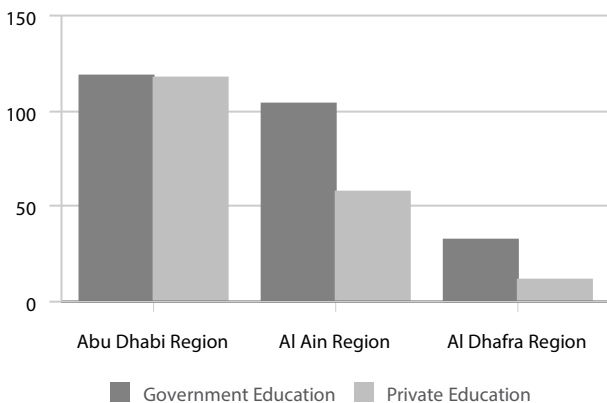
Private Education

Schools	187
Classrooms	11,472
Pupils	236,235
Teachers	11,959
Administrators	6,393

Total Education

Pupils per teacher	15.4
Pupils per classroom	21.4
Gross Enrollment ratio, first cycle (5 years primary education stage)	102.7

Figure 4.1.1 Number of Schools by Region and Sector, 2015-16



Source: Statistics Centre - Abu Dhabi, Abu Dhabi Education Council

4.1.1 Government and Private Schools by Educational Stage, 2015-16

Stage	Government	Private	Total
Total	255	187	442
Kindergarten	55	3	58
Cycle1	62	-	62
Cycle2	41	-	41
Secondary	26	-	26
Multi-Stage	71	184	255

Source: Abu Dhabi Education Council

4.1.2 Higher Education Institutions by Type and Sector

Type	11-2010	14-2013	15-2014	16-2015
Total	17	24	24	24
Government	12	14	14	14
Private	5	10	10	10

Source: Abu Dhabi Education Council

4.1.3 Government and Private Classrooms by Educational Stage, 2015-16

Stage	Government	Private	Total
Total	5,646	11,472	17,118
Kindergarten	787	2,142	2,929
Cycle1	2,198	4,751	6,949
Cycle2	1,572	2,906	4,478
Secondary	1,089	1,673	2,762

Source: Abu Dhabi Education Council

4.1.4 Government and Private Pupils by Educational Stage, 2014-15

Stage	Government	Private	Total
Total	129,794	236,235	366,029
Kindergarten	16,938	42,589	59,527
Cycle1	48,004	105,232	153,236
Cycle2	39,527	59,464	98,991
Secondary	25,325	28,950	54,275

Source: Abu Dhabi Education Council

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

Item	11-2010	13-2012	14-2013	15-2014	16-2015
Total Education					
Schools	480	450	438	444	442
Classrooms	13,528	14,528	14,879	16,004	17,118
Pupils	306,497	325,901	340,803	351,501	366,029
Teachers	22,218	22,573	23,339	23,571	23,745
Administrators	8,107	8,473	8,827	10,171	10,265
Government Education					
Schools	299	265	254	256	255
Classrooms	5,618	5,384	5,399	5,511	5,646
Pupils	125,949	125,263	126,216	127,698	129,794
Teachers	11,384	10,812	10,993	11,288	11,786
Administrators	2,201	2,118	2,336	3,665	3,872
Private Education					
Schools	181	185	184	188	187
Classrooms	7,910	9,144	9,480	10,493	11,472
Pupils	180,548	200,638	214,587	223,803	236,235
Teachers	10,834	11,761	12,346	12,283	11,959
Administrators	5,906	6,358	6,491	6,506	6,393

Source: Abu Dhabi Education Council

* Table comprises all stages

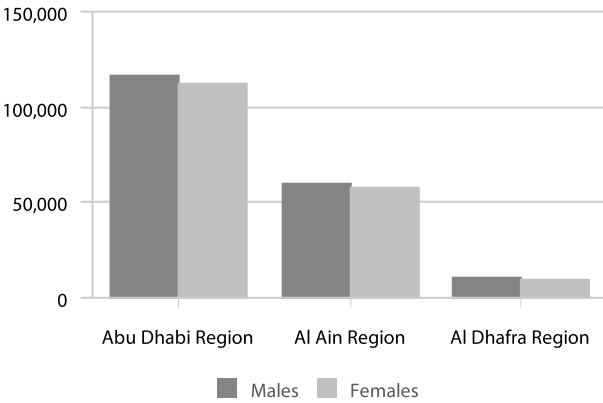
4.1.6 Pupils, Teachers and Administrators by Region, Gender and Sector, 2015-16*

Region, Gender and Sector	Pupils	Teachers	Administrators
Total Education			
Abu Dhabi Emirate	366,029	23,745	10,265
Males	186,606	5,910	3,582
Females	179,423	17,835	6,683
Abu Dhabi Region	228,980	13,531	5,795
Males	116,731	3,107	2,155
Females	112,249	10,424	3,640
Al Ain Region	117,489	8,407	3,718
Males	59,817	2,246	1,215
Females	57,672	6,161	2,503
Al Dhafra Region	19,560	1,807	752
Males	10,058	557	212
Females	9,502	1,250	540
Government Education			
Abu Dhabi Emirate	129,794	11,786	3,872
Males	61,908	3,472	907
Females	67,886	8,314	2,965
Abu Dhabi Region	65,748	5,383	1,771
Males	31,757	1,544	433
Females	33,991	3,839	1,338
Al Ain Region	54,648	5,258	1,755
Males	25,651	1,549	386
Females	28,997	3,709	1,369
Al Dhafra Region	9,398	1,145	346
Males	4,500	379	88
Females	4,898	766	258
Private Education			
Abu Dhabi Emirate	236,235	11,959	6,393
Males	124,698	2,438	2,675
Females	111,537	9,521	3,718
Abu Dhabi Region	163,232	8,148	4,024
Males	84,974	1,563	1,722
Females	78,258	6,585	2,302
Al Ain Region	62,841	3,149	1,963
Males	34,166	697	829
Females	28,675	2,452	1,134
Al Dhafra Region	10,162	662	406
Males	5,558	178	124
Females	4,604	484	282

Source: Abu Dhabi Education Council

* Table comprises all stages

Figure 4.1.2 Pupils by Region and Gender in Government and Private Education, 2015-16



Source: Abu Dhabi Education Council

Figure 4.1.3 Pupils, Teachers and Administrators in Government Schools by Region, 2015-16



Source: Statistics Centre - Abu Dhabi, Abu Dhabi Education Council

4.1.7 Pupils in Government and Private Schools by Educational Stage and Gender and Females per 100 Males, 2015-16

Stage	Males	Females	Total	Females per 100 Males
Total Education	186,606	179,423	366,029	96.2
Kindergarten	30,545	28,982	59,527	94.9
Cycle1	78,740	74,496	153,236	94.6
Cycle2	50,075	48,916	98,991	97.7
Secondary	27,246	27,029	54,275	99.2
Government Education	61,908	67,886	129,794	109.7
Kindergarten	8,284	8,654	16,938	104.5
Cycle1	22,972	25,032	48,004	109.0
Cycle2	18,638	20,889	39,527	112.1
Secondary	12,014	13,311	25,325	110.8
Private Education	124,698	111,537	236,235	89.4
Kindergarten	22,261	20,328	42,589	91.3
Cycle1	55,768	49,464	105,232	88.7
Cycle2	31,437	28,027	59,464	89.2
Secondary	15,232	13,718	28,950	90.1

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Education Council

4.1.8 Percent of Pupils in Government Schools by Region, Citizenship, Gender and Educational Stage, 2015-16*

(%)

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate	31.3	39.9	46.7	36.8
Males	29.2	37.2	44.1	34.4
Females	33.6	42.7	49.2	39.4
Citizens	58.7	69.3	76.1	65.3
Males	54.5	64.8	72.4	61.0
Females	63.1	73.9	79.6	69.6
Non-Citizens	10.8	16.8	24.0	15.1
Males	10.5	16.2	23.4	14.6
Females	11.1	17.5	24.6	15.5
Abu Dhabi Region	25.3	32.5	38.6	29.9
Males	24.0	30.7	37.0	28.3
Females	26.8	34.4	40.1	31.6
Citizens	55.1	64.3	70.4	60.8
Males	51.6	60.6	67.9	57.3
Females	58.7	68.2	72.7	64.4
Non-Citizens	7.3	11.5	18.3	10.5
Males	7.4	11.1	18.4	10.5
Females	7.2	12.0	18.2	10.6
Al Ain Region	42.1	51.5	56.0	47.7
Males	38.6	47.2	51.5	43.8
Females	45.7	55.8	60.5	51.9
Citizens	64.7	75.6	81.3	71.3
Males	59.7	70.4	75.8	66.1
Females	69.8	80.6	86.6	76.5
Non-Citizens	16.0	23.8	27.9	20.8
Males	15.0	22.3	26.0	19.5
Females	17.1	25.5	30.0	22.3
Al Dhafra Region	38.0	55.6	79.8	50.7
Males	34.0	53.0	77.5	47.2
Females	42.3	58.4	82.0	54.3
Citizens	51.9	75.6	98.0	66.8
Males	45.4	69.3	96.7	60.7
Females	58.8	81.8	99.1	72.9
Non-Citizens	29.1	43.8	69.1	40.7
Males	26.9	43.8	67.1	39.2
Females	31.6	43.8	71.2	42.4

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Education Council

* Excluding Kindergarten Pupils

4.1.9 Percent of Pupils in Private Schools by Region, Citizenship, Gender and Educational Stage, 2015-16*

(%)

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate	68.7	60.1	53.3	63.2
Males	70.8	62.8	55.9	65.6
Females	66.4	57.3	50.8	60.6
Citizens	41.3	30.7	23.9	34.7
Males	45.5	35.2	27.6	39.0
Females	36.9	26.1	20.4	30.4
Non-Citizens	89.2	83.2	76.0	84.9
Males	89.5	83.8	76.6	85.4
Females	88.9	82.5	75.4	84.5
Abu Dhabi Region	74.7	67.5	61.4	70.1
Males	76.0	69.3	63.0	71.7
Females	73.2	65.6	59.9	68.4
Citizens	44.9	35.7	29.6	39.2
Males	48.4	39.4	32.1	42.7
Females	41.3	31.8	27.3	35.6
Non-Citizens	92.7	88.5	81.7	89.5
Males	92.6	88.9	81.6	89.5
Females	92.8	88.0	81.8	89.4
Al Ain Region	57.9	48.5	44.0	52.3
Males	61.4	52.8	48.5	56.2
Females	54.3	44.2	39.5	48.1
Citizens	35.3	24.4	18.7	28.7
Males	40.3	29.6	24.2	33.9
Females	30.2	19.4	13.4	23.5
Non-Citizens	84.0	76.2	72.1	79.2
Males	85.0	77.7	74.0	80.5
Females	82.9	74.5	70.0	77.7
Al Dhafra Region	62.0	44.4	20.2	49.3
Males	66.0	47.0	22.5	52.8
Females	57.7	41.6	18.0	45.7
Citizens	48.1	24.4	2.0	33.2
Males	54.6	30.7	3.3	39.3
Females	41.2	18.2	0.9	27.1
Non-Citizens	70.9	56.2	30.9	59.3
Males	73.1	56.2	32.9	60.8
Females	68.4	56.2	28.8	57.6

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Education Council

* 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	11-2010	13-2012	14-2013	15-2014	16-2015
Total Education	79.4	80.1	78.3	76.8	77.1
Abu Dhabi Region	64.4	65.3	63.7	62.6	62.9
Al Ain Region	113.8	116.8	115.6	115.8	117.0
Al Dhafra Region	78.3	70.8	67.9	63.9	63.5
Government Education	275.9	327.0	344.1	340.7	364.0
Abu Dhabi Region	277.0	347.9	373.6	372.3	400.8
Al Ain Region	326.8	377.8	393.5	400.7	425.7
Al Dhafra Region	143.6	132.3	127.5	108.1	111.3
Private Education	31.5	32.3	31.9	31.8	32.2
Abu Dhabi Region	27.5	28.1	27.5	27.4	28.1
Al Ain Region	44.3	44.5	44.1	43.9	43.6
Al Dhafra Region	11.5	26.4	30.8	34.8	35.2

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Education Council

4.1.11 The Determined ones in Government Education by Disability Type and Region, 2015-16

Disability Type	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Total
Total	2,764	3,067	314	6,145
learning disabilities	1,440	2,123	256	3,819
Visually impaired students	91	125	6	222
Students with hearing disabilities	130	120	14	264
Students of speech and language disorders	524	164	8	696
Students with Physically disabled	90	102	5	197
Students with health problems	134	115	3	252
Emotional behavioral disability	152	184	6	342
Autism spectrum disorders	76	48	0	124
Intellectual disability and mental impairment	105	76	11	192
Other Disabilities	22	10	5	37

Source: Abu Dhabi Education Council

4.1.12 Teachers by Educational Stage and Gender in Government Education, 2015-16

Stage	Males	Females	Total
Total	3,472	8,314	11,786
Kindergarten*	0	1,461	1,461
Cycle 1	434	2,474	2,908
Cycle 2	873	1,025	1,898
Secondary	674	784	1,458
Multi-Stage	1,491	2,570	4,061

Source: Abu Dhabi Education Council

* All Kindergarten teachers are females

4.1.13 Teachers by Region, Citizenship, Gender and Educational Stage in Government Education, 2015-16*

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate	2,908	1,898	1,458	6,264
Males	434	873	674	1,981
Females	2,474	1,025	784	4,283
Citizens	1,249	783	526	2,558
Males	53	155	58	266
Females	1,196	628	468	2,292
Non-Citizens	1,659	1,115	932	3,706
Males	381	718	616	1,715
Females	1,278	397	316	1,991
Abu Dhabi Region	1,456	982	761	3,199
Males	258	517	397	1,172
Females	1,198	465	364	2,027
Citizens	598	357	201	1,156
Males	39	105	46	190
Females	559	252	155	966
Non-Citizens	858	625	560	2,043
Males	219	412	351	982
Females	639	213	209	1,061
Al Ain Region	1,170	867	639	2,676
Males	144	307	219	670
Females	1,026	560	420	2,006
Citizens	589	426	325	1,340
Males	11	50	12	73
Females	578	376	313	1,267
Non-Citizens	581	441	314	1,336
Males	133	257	207	597
Females	448	184	107	739
Al Dhafra Region	282	49	58	389
Males	32	49	58	139
Females	250	0	0	250
Citizens	62	0	0	62
Males	3	0	0	3
Females	59	0	0	59
Non-Citizens	220	49	58	327
Males	29	49	58	136
Females	191	0	0	191

Source: Abu Dhabi Education Council

* 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, 2015-16*

Region and Citizenship	Males	Females	Total
Abu Dhabi Emirate	2,438	9,521	11,959
Citizens	0	49	49
Non-Citizens	2,438	9,472	11,910
Abu Dhabi Region	1,563	6,585	8,148
Citizens	0	16	16
Non-Citizens	1,563	6,569	8,132
Al Ain Region	697	2,452	3,149
Citizens	0	17	17
Non-Citizens	697	2,435	3,132
Al Dhafra Region	178	484	662
Citizens	0	16	16
Non-Citizens	178	468	646

Source: Abu Dhabi Education Council

* Number of Teachers in Private Education by Education Stages is not available

4.1.15 Number of Pupils per Teacher by Region, Educational Stage and Gender in Government Education, 2015-16

Region and Stage	Males	Females	Total
Abu Dhabi Emirate	-	-	11.2
Cycle1	-	-	12.4
Cycle2	14.5	12.2	13.2
Secondary	10.2	9.4	9.8
Multi-Stage	12.5	8.5	9.9
Abu Dhabi Region	-	-	10.8
Cycle1	-	-	13.2
Cycle2	15.7	13.4	14.6
Secondary	10.3	9.8	10.1
Multi-Stage	18.2	10.1	12.3
Al Ain Region	-	-	9.3
Cycle1	-	-	12.1
Cycle2	13.3	11.1	11.9
Secondary	10.5	9.0	9.6
Multi-Stage	11.3	7.3	9.0
Al Dhafra Region	-	-	7.4
Cycle1	-	-	9.5
Cycle2	10.0	-	10.0
Secondary	7.7	-	7.7
Multi-Stage	8.0	7.5	7.7

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Education Council

* In cycle 1, there are mixed classes with female teachers, so we cannot calculate pupils per teacher by gender

4.1.16 Number of Pupils per Classroom and Number of Teachers per Classroom by Region and Educational Stage in Government Education, 2015-16*

Region and Gender	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate				
Pupils/Classroom	21.8	25.1	23.3	23.2
Teachers/Classroom	1.3	1.2	1.3	1.3
Abu Dhabi Region				
Pupils/Classroom	22.6	26.4	25.1	24.4
Teachers/Classroom	1.3	1.3	1.5	1.4
Al Ain Region				
Pupils/Classroom	21.9	24.7	22.6	23.0
Teachers/Classroom	1.3	1.3	1.4	1.3
Al Dhafra Region				
Pupils/Classroom	17.0	20.7	18.2	18.5
Teachers/Classroom	1.5	0.4	0.5	0.9

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Education Council

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

4.1.17 Pupils per Classroom by Region and Educational Stage in Private Education, 2015-16

Region	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate	22.1	20.5	17.3	20.8
Abu Dhabi Region	22.3	20.9	17.7	21.0
Al Ain Region	23.3	20.9	17.1	21.3
Al Dhafra Region	16.5	13.5	11.0	15.1

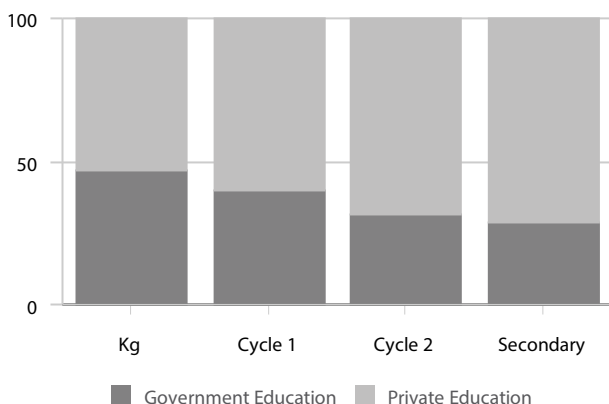
Source: Statistics Centre - Abu Dhabi, Abu Dhabi Education Council

4.1.18 Pupils per Teacher and Number of Teachers per Classroom by Region in Private Education, 2015-16

Region	Pupils per Teacher	Teachers per Classroom
Abu Dhabi Emirate	19.8	1.0
Abu Dhabi Region	20.0	1.0
Al Ain Region	20.0	1.1
Al Dhafra Region	15.4	1.0

Source: Statistics Centre - Abu Dhabi, Abu Dhabi Education Council

Figure 4.1.4 Percentage Distribution of Pupils by Sector & Stage , 2015-16



Source: Statistics Centre - Abu Dhabi, Abu Dhabi Education Council

Educational Enrollment Ratios

4.1.19 Gross Enrollment Ratio by Educational Stage and Gender, 2015-16

Stage	Males	Females	Total
Kindergarten	93.3	94.4	93.8
Class1	107.4	106.2	106.8
Cycle1	102.8	102.6	102.7
Cycle2	93.3	97.8	95.5
Secondary	77.4	65.9	71.2

Source: Statistics Centre - Abu Dhabi

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

Region	11-2010	13-2012	14-2013	15-2014	16-2015
Abu Dhabi Emirate	58.9	61.6	63.0	63.7	64.5
Abu Dhabi Region	66.1	68.5	69.7	70.3	71.3
Al Ain Region	50.9	52.2	53.1	53.3	53.5
Al Dhafra Region	30.9	42.9	48.0	49.6	52.0

Source: Statistics Centre - Abu Dhabi

* Table comprises all stages

Progression

4.1.21 Percent of Progression to Secondary School by Gender, 2015-16

Stage	Males	Females	Both Genders
Class 10 (2015-16)	10,046	9,698	19,744
Class 9 (2014-15)	10,408	9,951	20,359
%	96.5	97.5	97.0

Source: Abu Dhabi Education Council, Statistics Center- Abu Dhabi

Adult Education

4.1.22 Literacy Centres, Adult Education and Home Schooling by Type

Centers	11-2010	13-2012	14-2013	15-2014	16-2015
Total	114	109	99	102	96
Family Development	11	10	10	1	1
Centres	26	23	23	34	28
Home Schooling	77	76	66	67	67

Source: Abu Dhabi Education Council

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

Region and Gender	11-2010	13-2012	14-2013	15-2014	16-2015
Abu Dhabi Emirate	114	109	99	102	96
Males	56	56	48	49	47
Females	58	53	51	53	49
Abu Dhabi Region	30	27	25	26	24
Males	16	15	13	13	12
Females	14	12	12	13	12
Al Ain Region	58	56	48	50	47
Males	28	28	22	23	23
Females	30	28	26	27	24
Al Dhafra Region	26	26	26	26	25
Males	12	13	13	13	12
Females	14	13	13	13	13

Source: Abu Dhabi Education Council

4.1.24 Pupils in Literacy Centres and Adult Education by Region, Citizenship, Gender and Stage, 2015-16

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate	1,079	1,182	2,422	4,683
Males	146	515	1,255	1,916
Females	933	667	1,167	2,767
Citizens	511	820	2,033	3,364
Males	57	368	1,075	1,500
Females	454	452	958	1,864
Non-Citizens	568	362	389	1,319
Males	89	147	180	416
Females	479	215	209	903
Abu Dhabi Region	531	496	1,097	2,124
Males	61	198	537	796
Females	470	298	560	1,328
Citizens	251	338	915	1,504
Males	20	131	457	608
Females	231	207	458	896
Non-Citizens	280	158	182	620
Males	41	67	80	188
Females	239	91	102	432
Al Ain Region	437	503	1,045	1,985
Males	75	231	557	863
Females	362	272	488	1,122
Citizens	207	353	871	1,431
Males	32	175	474	681
Females	175	178	397	750
Non-Citizens	230	150	174	554
Males	43	56	83	182
Females	187	94	91	372
Al Dhafra Region	111	183	280	574
Males	10	86	161	257
Females	101	97	119	317
Citizens	53	129	247	429
Males	5	62	144	211
Females	48	67	103	218
Non-Citizens	58	54	33	145
Males	5	24	17	46
Females	53	30	16	99

Source: Abu Dhabi Education Council

4.1.25 Pupils in Home Schooling by Region, Citizenship, Gender and Stage, 2015-16

Region, Citizenship and Gender	Cycle 2	Secondary	Total
Abu Dhabi Emirate	933	3,518	4,451
Males	545	2,274	2,819
Females	388	1,244	1,632
Citizens	595	2,758	3,353
Males	424	1,908	2,332
Females	171	850	1,021
Non-Citizens	338	760	1,098
Males	121	366	487
Females	217	394	611
Abu Dhabi Region	461	1,974	2,435
Males	243	1,248	1,491
Females	218	726	944
Citizens	272	1,527	1,799
Males	182	1,042	1,224
Females	90	485	575
Non-Citizens	189	447	636
Males	61	206	267
Females	128	241	369
Al Ain Region	406	1,351	1,757
Males	268	905	1,173
Females	138	446	584
Citizens	285	1,089	1,374
Males	218	773	991
Females	67	316	383
Non-Citizens	121	262	383
Males	50	132	182
Females	71	130	201
Al Dhafra Region	66	193	259
Males	34	121	155
Females	32	72	104
Citizens	38	142	180
Males	24	93	117
Females	14	49	63
Non-Citizens	28	51	79
Males	10	28	38
Females	18	23	41

Source: Abu Dhabi Education Council

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

Region, Citizenship and Gender	11-2010	13-2012	14-2013	15-2014	16-2015
Abu Dhabi Emirate	250	252	245	245	244
Males	20	20	20	22	22
Females	230	232	225	223	222
Citizens	137	165	161	163	163
Males	4	3	3	5	6
Females	133	162	158	158	157
Non-Citizens	113	87	84	82	81
Males	16	17	17	17	16
Females	97	70	67	65	65
Abu Dhabi Region	79	81	76	77	77
Males	17	20	20	22	22
Females	62	61	56	55	55
Citizens	52	55	50	52	53
Males	4	3	3	5	6
Females	48	52	47	47	47
Non-Citizens	27	26	26	25	24
Males	13	17	17	17	16
Females	14	9	9	8	8
Al Ain Region	83	86	83	83	81
Males	3	0	0	0	0
Females	80	86	83	83	81
Citizens	63	81	79	79	78
Males	0	0	0	0	0
Females	63	81	79	79	78
Non-Citizens	20	5	4	4	3
Males	3	0	0	0	0
Females	17	5	4	4	3
Al Dhafra Region	88	85	86	85	86
Males	0	0	0	0	0
Females	88	85	86	85	86
Citizens	22	29	32	32	32
Males	0	0	0	0	0
Females	22	29	32	32	32
Non-Citizens	66	56	54	53	54
Males	0	0	0	0	0
Females	66	56	54	53	54

Source: Abu Dhabi Education Council

Educational Attainment

4.1.27 Higher Education Students by Citizenship, Sector and Gender, 2015-16

Citizenship and Sector	Males	Females	Total
Grand Total	18246	33789	52035
Government	11001	25554	36555
Private	7245	8235	15480
Citizens	12322	25727	38049
Government	8655	22278	30933
Private	3667	3449	7116
Non-Citizens	5924	8062	13986
Government	2346	3276	5622
Private	3578	4786	8364

Source: Sources: Abu Dhabi Education Council

4.1.28 Higher Education Graduates by Citizenship, Sector and Gender, 2015-16

Citizenship and Sector	Males	Females	Total
Grand Total	2582	5500	8082
Government	1634	3645	5279
Private	948	1855	2803
Citizens	1615	3275	4890
Government	1072	2810	3882
Private	543	465	1008
Non-Citizens	967	2225	3192
Government	562	835	1397
Private	405	1390	1795

Source: Sources: Abu Dhabi Education Council

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

(%)

Citizenship and Gender	2013	2014	2015	2016
Grand Total	7.2	6.4	7.0	6.2
Males	7.5	6.5	7.1	5.4
Females	6.2	6.2	6.9	8.0
Citizens	5.3	5.3	5.0	3.6
Males	3.4	3.0	2.8	2.1
Females	7.4	7.7	7.3	5.1
Non-Citizens	7.5	6.6	7.4	6.7
Males	8.0	7.0	7.6	5.8
Females	5.6	5.5	6.7	8.8

Source: Statistics Centre - Abu Dhabi

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

(%)

Citizenship and Gender	2013	2014	2015	2016
Grand Total	92.8	93.6	93.0	93.8
Males	92.5	93.5	92.9	94.6
Females	93.8	93.8	93.1	92.0
Citizens	94.7	94.7	95.0	96.4
Males	96.6	97.0	97.2	97.9
Females	92.6	92.3	92.7	94.9
Non-Citizens	92.5	93.4	92.6	93.3
Males	92.0	93.0	92.4	94.2
Females	94.4	94.5	93.3	91.2

Source: Statistics Centre - Abu Dhabi

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

(%)

Citizenship and Gender	2013	2014	2015	2016
Grand Total	4.8	3.2	4.4	4.2
Males	5.5	3.6	5.2	3.4
Females	3.3	2.5	3.0	5.6
Citizens	0.5	0.3	0.3	0.5
Males	0.5	0.3	0.3	0.6
Females	0.4	0.2	0.2	0.4
Non-Citizens	6.4	4.5	6.0	5.5
Males	6.9	4.6	6.6	4.2
Females	5.1	4.1	4.7	8.2

Source: Statistics Centre - Abu Dhabi

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

(%)

Citizenship and Gender	2013	2014	2015	2016
Grand Total	95.2	96.8	95.6	95.8
Males	94.5	96.4	94.8	96.6
Females	96.7	97.5	97.0	94.4
Citizens	99.5	99.7	99.7	99.5
Males	99.5	99.7	99.7	99.4
Females	99.6	99.8	99.8	99.6
Non-Citizens	93.6	95.5	94.0	94.5
Males	93.1	95.4	93.4	95.8
Females	94.9	95.9	95.3	91.8

Source: Statistics Centre - Abu Dhabi

4.1.33 Percentage Distribution of Population (10 years and over) by Education Attainment and Gender, 2016

Education Attainment	Males	Females	Total
Total	100.0	100.0	100.0
Less than primary	17.9	26.5	20.7
Primary	16.5	15.7	16.3
Lower Secondary	23.3	16.7	21.2
Upper Secondary	12.9	15.2	13.6
Post-secondary	5.5	4.3	5.1
Bachelor	18.8	18.3	18.6
Higher Education	5.0	3.2	4.4
Unknown	0.0	0.1	0.0

Source: Statistics Centre - Abu Dhabi

4.1.34 Percentage Distribution of Citizens Population (10 years and over) by Education Attainment and Gender, 2016

Education Attainment	Males	Females	Total
Total	100.0	100.0	100.0
Less than primary	9.2	14.8	11.9
Primary	15.3	14.5	14.9
Lower Secondary	19.3	16.4	17.9
Upper Secondary	28.3	25.8	27.1
Post-secondary	4.2	5.1	4.6
Bachelor	17.9	20.3	19.1
Higher Education	5.8	3.0	4.4
Unknown	0.0	0.1	0.1

Source: Statistics Centre - Abu Dhabi

4.1.35 Percentage Distribution of Estimated Non-Citizens Population (10 years and over) by Education Attainment and Gender, 2016

Education Attainment	Males	Females	Total
Total	100.0	100.0	100.0
Less than primary	19.1	30.1	22.3
Primary	16.7	16.0	16.5
Lower Secondary	23.8	16.8	21.8
Upper Secondary	10.8	12.0	11.1
Post-secondary	5.7	4.0	5.2
Bachelor	18.9	17.7	18.6
Higher Education	4.9	3.3	4.5
Unknown	0.0	0.1	0.0

Source: Statistics Centre - Abu Dhabi

4.2. Health

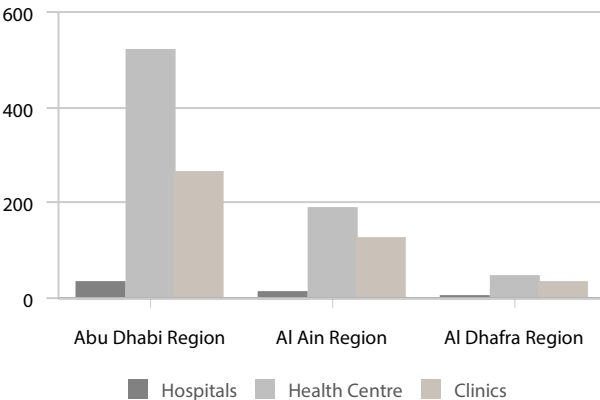
Health services in Abu Dhabi have experienced remarkable expansion and transformation over past years. This is most evident in the significant rise in the number of hospitals and other health facilities over this period. The number of hospitals grew to 51 in 2015, including new private hospitals opened 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 2015, there were 3 physicians per 1000 population, 7.8 nurses per 1000 population and 1.8 beds per 1000 population.

A focus on increasing levels of health funding in the Emirate has resulted in proliferation of insurance companies and the health insurance products available. The number of people with Enhanced health insurance in 2010 was 1,044,734, which increased to 1,458,962 in 2015.

2015	Physicians per 1000 populations	3.0
	Beds per 1000 populations	1.8
	Nurses per 1000 population	7.8
	Hospitals	51
	Hospital Beds	5,008
	Health centres	758
	Clinics	423
	Pharmacies	637
	Physicians	8,460
	Nurses	21,733

Figure 4.2.1 Health Establishments by Type and Region, 2015



Source: Statistics Centre - Abu Dhabi, Health Authority - Abu Dhabi

4.2.1 Summary of Government Health Statistics, 2010 - 2015

Details	2012	2013	2014	2015
Hospitals	12	12	12	12
Beds	2,475	2,503	2,507	2,952
Patients Admitted	96,700	119,000	118,378	117,200
Doctors	2,072	2,402	2,508	2,534
Out - Patients	2,376,100	2,571,800	2,469,683	2,704,000

Source: Health Authority - Abu Dhabi

4.2.2 Hospitals by Region and Sector, 2010 - 2015

Region and Sector	2012	2013	2014	2015
Abu Dhabi Emirate	39	42	45	51
Government	12	12	12	12
Private	25	28	33	39
Military*	2	2	-	-
Abu Dhabi Region	22	23	27	32
Government	4	4	4	4
Private	17	18	23	28
Military*	1	1	-	-
Al Ain Region	11	13	12	13
Government	3	3	3	3
Private	7	9	9	10
Military*	1	1	-	-
Al Dhafra Region	6	6	6	6
Government	5	5	5	5
Private	1	1	1	1
Military*	0	0	-	-

Source: Health Authority - Abu Dhabi

* Military Hospitals are excluded from 2014

4.2.3 Health Establishments by Type and Region, 2010 - 2015

Region	2012	2013	2014	2015
Abu Dhabi Emirate				
Hospitals	39	42	45	51
Health Centres	540	587	629	758
Clinics	316	335	362	423
Abu Dhabi Region				
Hospitals	22	23	27	32
Health Centres	385	418	442	521
Clinics	201	204	212	265
Al Ain Region				
Hospitals	11	13	12	13
Health Centres	129	148	161	189
Clinics	100	107	120	126
Al Dhafra Region				
Hospitals	6	6	6	6
Health Centres	26	21	26	48
Clinics	15	24	30	32

Source: Health Authority - Abu Dhabi

4.2.4 Death Rate (Per 100,000 Population) by Causes of Death, 2015

Causes of Death	Rate
Diseases of the Circulatory System	39.7
External Causes of Morbidity and Mortality	19.5
Neoplasms	18.0
Diseases of the respiratory System	5.8
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified	3.8
Certain Infectious and Parasitic Diseases	2.8
Congenital Malformations, Deformations and Chromosomal	3.5
Injury, Poisoning and certain other consequences of external causes	4.7
Certain conditions originating in the prenatal period	4.3
Endocrine, Nutritional and Metabolic diseases	3.0
Diseases of the digestive system	3.1
Diseases of the genitourinary system	2.3
Diseases of the nervous system	1.3
Diseases of the musculoskeletal system and connective tissues	0.5
Diseases of the blood and blood - forming organs and certain disorders involving the immune mechanism	0.4
Mental and behavioral disorders	0.1
Pregnancy, childbirth and the puerperium	1.0
Diseases of the ear and mastoid process	0.0
Diseases of the eye and adnexa	0.0
Diseases of the skin and subcutaneous tissues	0.0
NA	0.0

Source: Statistics Centre - Abu Dhabi, Health Authority - Abu Dhabi

4.2.5 Clinicians Rate (Per 100,000 Population) by Region, 2010 - 2015

Region	2012	2013	2014	2015
Abu Dhabi Emirate				
Physicians	237	280	283	304
Nurses	530	580	624	781
Dentists	42	50	52	56
Abu Dhabi Region				
Physicians	264	315	314	213
Nurses	592	643	687	547
Dentists	48	57	59	39
Al Ain Region				
Physicians	241	277	284	76
Nurses	545	601	630	197
Dentists	41	51	52	15
Al Dhafra Region				
Physicians	94	109	117	15
Nurses	190	225	280	37
Dentists	11	13	13	2

Source: Sources: Health Authority - Abu Dhabi , Statistics Centre - Abu Dhabi

4.2.6 Notifications of Infectious Diseases, 2010 - 2015

Infectious Diseases	2012	2013	2014	2015
Total	19,272	14,157	15,972	18,547
Chickenpox	9,872	4,581	4,660	4,614
Malaria	2,719	2,203	2,415	1,940
Other Food Poisoning	1,147	1,237	360	1,233
Scabies	758	1,001	1,475	1,579
Viral Hepatitis B	665	699	818	1,121
Viral Hepatitis C	528	546	570	776
Seasonal Influenza	297	410	1,499	2,847
Pulmonary Tuberculosis	350	311	338	339
Viral Hepatitis A	279	271	224	173
Typhoid Fever	443	248	222	275
Scarlet Fever	201	198	220	319
Mumps	198	174	182	240
Extra Pulmonary Tuberculosis	192	169	205	231
Syphilis	88	162	203	271
Other STD	136	132	279	572
Measles	56	122	117	117
Brucellosis	135	99	49	75
Giardia Lambia	103	94	100	139
Gonorrhoea	44	92	64	110
Viral Meningitis	52	59	56	79
Whooping Cough	53	38	15	31
Rubella	18	15	10	134
Acute Encephalitis	26	11	2	7
Acute Flaccid Paralysis	21	10	7	6
Other Viral Hepatitis	14	5	7	4
Tetanus	2	2	1	-
Other	875	1,268	1,874	1,287

Source: Health Authority - Abu Dhabi

4.2.7 Beds and Admissions in Government Hospitals by Region, 2010 - 2015

Region	2012	2013	2014	2015
Abu Dhabi Emirate				
Beds	2,670	2,503	2,507	2,952
Patients Admitted	96,700	119,000	118,378	117,200
Abu Dhabi Region				
Beds	1,617	1,472	1,446	1,864
Patients Admitted	54,000	68,500	67,640	66,400
Al Ain Region				
Beds	789	808	835	838
Patients Admitted	36,400	43,300	42,382	42,100
Al Dhafra Region				
Beds	264	223	226	250
Patients Admitted	6,300	7,200	8,356	8,700

Source: Health Authority - Abu Dhabi

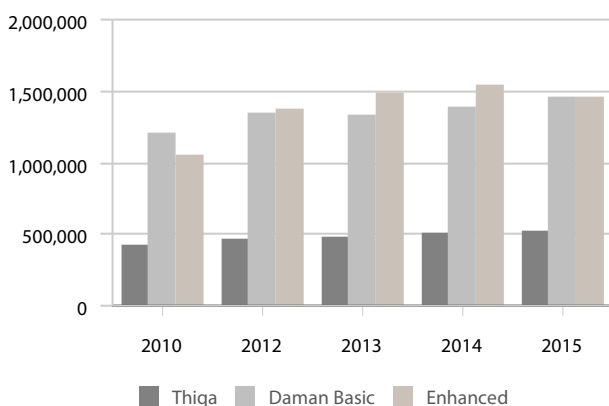
4.2.8 Persons Insured by Health Insurance Companies, 2010 - 2015*

Insurance Company	2012	2013	2014	2015
Thiqa	457,845	482,452	497,511	517,144
Daman Basic	1,341,405	1,335,680	1,386,448	1,458,406
Enhanced	1,364,545	1,489,233	1,539,298	1,458,962

Source: Health Authority - Abu Dhabi

* Some numbers may be inflated, as in year cancellations are not excluded, with the exception of Thiqa and Daman Basic all insurers are considered Enhanced.

Figure 4.2.2 Persons Insured by Insurance Companies, 2010 - 2015



Source: Statistics Centre - Abu Dhabi, Health Authority - 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 859.5 million AED for the year 2015, an increase of 1.5% compared with 2014.

The number of nurseries operating under the supervision of the Ministry of Community Development in Abu Dhabi Emirate increased from 83 in 2011 to 150 in 2014, with 78.4 children per nursery, 5.3 children per employee and 14.7 employees per nursery.

There are 2,522 students enrolled in government and private care centres, of whom 69.1% were citizens and 30.9% were non-citizens in 2016.

4.3.1 Non-Government Organizations by Type of Activity

Type of Activity	2011	2012	2013	2016
Total	52	53	54	60
Women	3	3	3	3
Professional	8	8	8	10
Popular Art	4	3	3	3
Cultural and Public Services	16	17	17	21
Humanitarian Services	4	4	5	5
Theatres	4	5	5	5
Foreign Associations	13	13	13	13

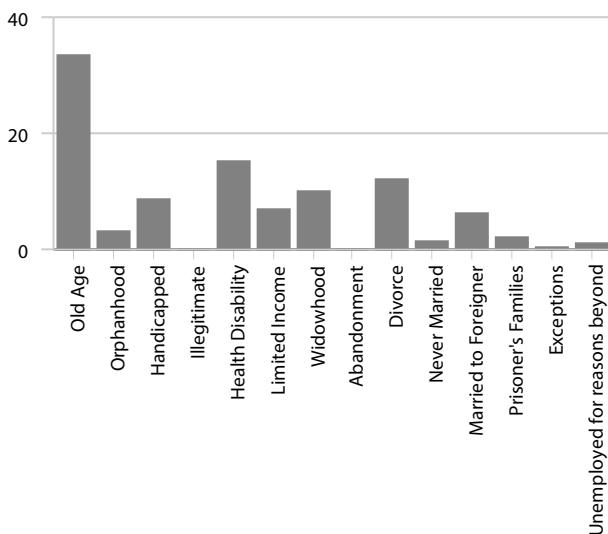
Source: Ministry of Community Development

4.3.2 Cases and Beneficiaries of Social Aid Offered to Citizens by Reason and Gender, 2015

Reason of Aid	Cases		Beneficiaries	
	Males	Females	Males	Females
Total	3,735	9,594	13,417	12,249
Old Age	1,172	2,514	5,876	2,728
Orphanhood	151	177	344	431
Handicapped	1,166	839	1,349	853
Illegitimate	7	21	7	21
Health Disability	917	246	3,635	259
Limited Income	198	0	1,772	0
Widowhood	0	847	0	2,553
Abandonment	0	13	0	13
Divorce	0	3,127	0	3,127
Never Married	0	306	0	313
Married to Foreigner	0	1,358	0	1,597
Prisoner's Families	75	91	193	299
Exceptions	0	55	0	55
Unemployed for reasons beyond	49	0	241	0

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

Figure 4.3.1 Percentage Distribution of Beneficiaries of Social Aid by Reason of Aid, 2015



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

4.3.3 Benefits of Social Aid Paid by Month, 2015

(AED)

Month	Benefits (AED)
Total	859,529,225
January	71,055,959
February	71,435,705
March	71,118,010
April	71,290,892
May	71,404,013
June	71,796,466
July	71,924,069
August	71,879,925
September	71,998,849
October	71,814,483
November	72,003,038
December	71,807,815

Source: Ministry of Community Development

4.3.4 Nurseries, Employees and Children in Nurseries *

Item	2011	2012	2013	2014
Number of Nurseries	83	105	158	150
Number of Employees	884	1,015	1,155	2,205
Number of Children	7,058	7,100	7,991	11,756

Source: Ministry of Community Development

* Operating Under the Supervision of the Ministry of Community Development

4.3.5 Nurseries, Employees and Children Ratios in Nurseries *

Item	2011	2012	2013	2014
Children per Nursery	85.0	67.6	50.6	78.4
Children per Employee	8.0	7.0	6.9	5.3
Employees per Nursery	10.7	9.7	7.3	14.7

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

* Operating Under the Supervision of the Ministry of Community Development

4.3.6 Children in Nurseries by Citizenship, Gender and Age*

Items	2010	2011	2012	2013
Citizenship	6,225	7,058	7,100	7,991
Citizens	1,755	2,390	2,578	3,008
Non-Citizens	4,470	4,668	4,522	4,983
Gender				
Males	3,262	3,702	3,809	4,300
Females	2,963	3,356	3,291	3,691
Age				
Infants	565	1,066	1,163	1,259
Non-Infants	5,660	5,992	5,937	6,732

Source: Ministry of Community Development

* Operating Under the Supervision of the Ministry of Community Development

4.3.7 The determined ones in Government and Private Care Centres by Citizenship and Gender, 2016

Citizenship	Males	Females	Total
Total	1,679	843	2,522
Citizens	1,113	629	1,742
Non-Citizens	566	214	780

Source: Ministry of Community Development

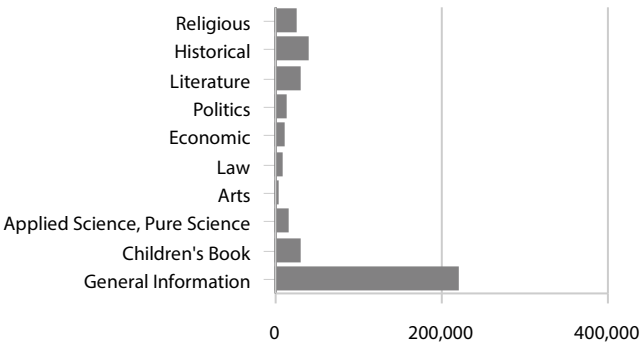
4.4. Culture and Heritage

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 387,713 in 2016, the number of visitors and borrowers were 140,000 visitors and 10,153 borrowers in 2015.

The number of visitors to the museums in Abu Dhabi Emirate increased from 237,620 in 2014 to 245,022 in 2016.

Figure 4.4.1 Books Available at Citizen Library by Subject, 2016



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

4.4.1 Books Available at National Library by Subject

Subject	2012	2013	2015	2016
Total	409,256	449,028	373,831	387,713
Religious	61,980	66,497	23,951	24,678
Historical	52,816	58,438	35,147	38,120
Literature	57,620	65,351	27,472	30,069
Politics	54,988	59,530	10,893	10,893
Economic	22,752	25,586	8,110	10,202
Law	15,813	23,623	7,351	7,351
Arts	12,918	13,654	2,015	2,672
Pure science	31,922	34,654	12,523*	14,608*
Applied Science	37,585	38,114		
Children's Book	26,965	28,423	27,534	29,560
General Information	33,897	35,158	218,835	219,560

Source: Abu Dhabi Tourism & Culture Authority

* Number of Books are for Pure science & Applied Science

4.4.2 Visitors and Borrowers at the National Library by Gender*

Item	2011	2012	2013	2015
Visitors	9,741	122,962	135,473	140,000
Males	-	88,904	93,195	98,766
Females	-	34,058	42,278	41,234
Borrowers	357	27,885	30,437	10,153
Males	-	19,213	20,975	6,996
Females	-	8,672	9,462	3,157

Source: Abu Dhabi Tourism & Culture Authority

* In 2010, the library was closed because the building under maintenance.

4.4.3 Islamic Facilities by Region, 2016

Item	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Mosques	695	1156	258	2109
Mosques under construction	14	33	8	55
Quran Memorization Centres	64	165	20	249
Hajj and Umra Campaigns	56	19	0	75

Source: General Authority of Islamic Affairs and Endowments

4.4.4 Preachers, Imams and Muezzins by Region, 2016

Item	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Preachers	16	9	2	27
Women preachers	11	4	0	15
Imams	594	353	154	1101
Imams who rhetoric	493	533	185	1211
Muezzins	199	268	75	542

Source: General Authority of Islamic Affairs and Endowments

4.4.5 Visitors to Zoo, Museums and Public Parks

Facilities	2006	2014	2015	2016
Total	2,628,486	4,179,728	2,606,494	2,676,280
Zoo	619,042	966,530	890,774	833,988
Hili Fun city	235,132	240,024	-	184,383
Public Parks	1,664,640	2,735,554	1,469,054*	1,412,887
Al Ain Museum	53,110	54,702	50,834	48,933
Al Ain Palace Museum	56,562	146,039	151,611	134,501
Dalma Museum	-	2,960	2,875	3,325
Al Jahili Fort Museum	-	33,919	41,346	40,112
Muajji Palace Museum**	-	-	-	18,151

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

* Only Abu Dhabi Public Parks

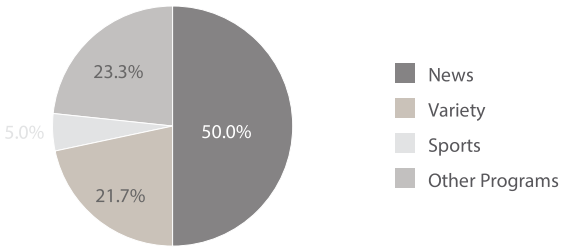
** Started in 2016

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

Type of Program	2013	2014	2015	2016
Total	28	32	59	60
Religious	3	6	2	5
Cultural	1	2	1	1
News	20	12	28	30
Variety	7	7	16	13
Special and Services	1	1	3	7
Sports	8	4	5	3
Other	4	0	4	1

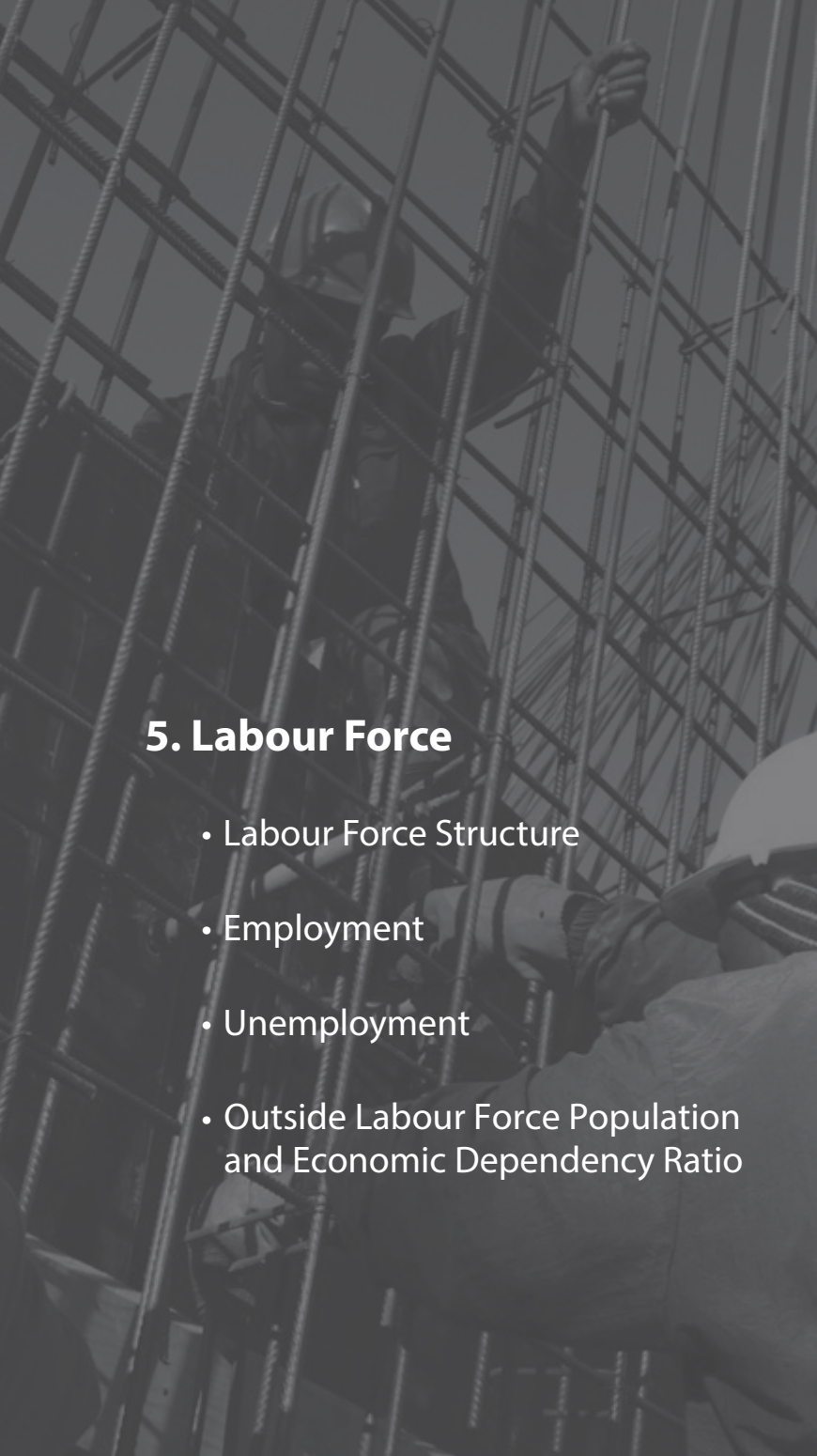
Source: Abu Dhabi Media Company

Figure 4.4.2 Percentage Distribution of Number of Live Programs that Broadcasted from Abu Dhabi Radio Station by Type of Program, 2016



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. Merchandise Foreign Trade

According to estimates based on the labour force survey covering the fourth quarter of 2016, the labour force constitutes 68.1% as a percentage of the total population and 81.5% as a percentage of the population aged 15+. Females made up 23.5% of the total labour force. The economic dependency ratio was of 46.9%

2016	Percentage of Employed to Total Population Aged 15 Years and Above	78.0
	Unemployment Rate	4.4
	Crude Participation Rate	68.1
	Refined Participation Rate	81.5
	Females as a percentage of total labour force	23.5
	Economic Dependency Ratio	46.9

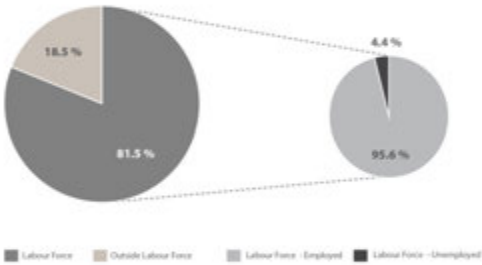
5.1. Labour Force Structure

The labour force includes employed and unemployed individuals who are aged 15 years and above. Data showed that Abu Dhabi Region had the largest share of the labour force with 63.4%, followed by Al Ain Region with 22.0%, and Al Dhafra Region with 14.6%.

Data on age structure of the labour force in 2016 indicated that the 30 to 34 years age group accounted for the largest share of the labour force with 21.1%.

Refined Economic Participation Rate by region was highest in the Al Dhafra Region, followed by Abu Dhabi Region and Al Ain Region 91.5%, 82.2% and 74.4%, respectively.

Figure 5.1.1 Distribution of the population (15 Years and Over) by Economically Active Status, 2016



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

(Persons)

Indicator	1995	2001	2005	2011*
Labour Force	532881	676547	815311	1443700
Citizens	43183	71651	85838	132000
Non-Citizens	489698	604896	729473	1311800
Employed	525457	649342	786738	1403400
Citizens	40981	60753	75518	116400
Non-Citizens	484476	588589	711220	1287000
Unemployed	7424	27205	28573	40300
Citizens	2202	10898	10320	15600
Non-Citizens	5222	16307	18253	24700

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
Grand Total	9.1	6.0	4.4	10.8
Males	8.5	5.9	3.7	10.7
Females	20.7	6.8	9.2	11.6
Citizens	6.1	6.8	7.1	8.0
Males	5.9	6.1	5.9	5.9
Females	13.5	16.9	14.4	14.9
Non-Citizens	9.4	5.9	4.1	11.1
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, 2016

(%)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Grand Total	100.0	100.0	100.0	100.0
Males	74.2	72.6	92.6	76.5
Females	25.8	27.4	7.4	23.5
Citizens	100.0	100.0	100.0	100.0
Males	62.6	69.1	80.6	66.6
Females	37.4	30.9	19.4	33.4
Non-Citizens	100.0	100.0	100.0	100.0
Males	75.1	73.3	93.1	77.5
Females	24.9	26.7	6.9	22.5

Source: Statistics Centre - Abu Dhabi

5.1.4 Distribution of Labour Force Estimates (15 Years and Over) by Region, Gender and Economically Active Status, 2016

(%)

Region and Gender	Labour Force	Employed	Unemployed
Abu Dhabi Emirate	100.0	100.0	100.0
Males	76.5	77.7	50.6
Females	23.5	22.3	49.4
Abu Dhabi Region	100.0	100.0	100.0
Males	74.2	75.3	47.5
Females	25.8	24.7	52.5
Al Ain Region	100.0	100.0	100.0
Males	72.6	74.2	53.9
Females	27.4	25.8	46.1
Al Dhafra Region	100.0	100.0	100.0
Males	92.6	93.2	57.8
Females	7.4	6.8	42.2

Source: Statistics Centre - Abu Dhabi

5.1.5 Distribution of Labour Force Estimates (15 Years and Over) by Region, Age Group and Gender, 2016

(%)

Age Group and Region	Males	Females	Total
Abu Dhabi Emirate	100.0	100.0	100.0
15 - 19	0.6	0.7	0.6
20 - 24	8.1	10.5	8.7
25 - 29	18.3	23.9	19.6
30 - 34	20.2	24.1	21.1
35 - 39	17.3	17.2	17.3
40 - 44	11.2	12.0	11.4
45 - 49	11.0	7.1	10.1
50 - 54	6.0	2.6	5.2
55 - 59	4.9	1.2	4.0
60 - 64	2.0	0.6	1.7
65+	0.3	0.1	0.3
Abu Dhabi Region	100.0	100.0	100.0
15 - 19	0.5	0.5	0.5
20 - 24	7.3	9.5	7.9
25 - 29	19.2	23.1	20.2
30 - 34	21.9	25.0	22.7
35 - 39	17.8	17.2	17.6
40 - 44	10.8	12.1	11.1
45 - 49	9.1	7.8	8.8
50 - 54	6.2	2.7	5.3
55 - 59	4.8	1.3	3.9
60 - 64	1.9	0.7	1.6
65+	0.4	0.1	0.3
Al Ain Region	100.0	100.0	100.0
15 - 19	1.1	1.3	1.2
20 - 24	8.7	11.6	9.5
25 - 29	15.3	25.4	18.1
30 - 34	16.8	22.5	18.4
35 - 39	17.1	17.6	17.2
40 - 44	13.1	12.3	12.9
45 - 49	11.2	5.6	9.7
50 - 54	7.3	2.2	5.9
55 - 59	6.0	1.0	4.6
60 - 64	2.9	0.2	2.2
65+	0.3	0.2	0.3
Al Dhafra Region	100.0	100.0	100.0
15 - 19	0.3	1.6	0.4
20 - 24	10.1	19.0	10.8
25 - 29	18.4	27.0	19.1
30 - 34	18.4	19.6	18.5
35 - 39	16.1	15.4	16.0
40 - 44	10.5	9.7	10.5
45 - 49	17.3	5.2	16.4
50 - 54	3.5	2.0	3.4
55 - 59	3.8	0.5	3.5
60 - 64	1.5	0.1	1.4
65+	0.1	0.0	0.1

Source: Statistics Centre - Abu Dhabi

5.1.6 Refined Participation Rate by Region, Age Group and Gender, 2016

(%)

Age Group and Region	Males	Females	Total
Abu Dhabi Emirate	91.1	60.7	81.5
15 - 19	10.2	6.1	8.7
20 - 24	81.0	55.5	71.6
25 - 29	98.1	74.8	90.0
30 - 34	99.4	75.5	91.6
35 - 39	99.5	73.5	91.9
40 - 44	98.9	63.4	86.8
45 - 49	99.0	62.8	90.3
50 - 54	95.8	36.5	80.5
55 - 59	92.8	30.4	81.4
60 - 64	82.2	20.2	66.2
65+	38.4	4.0	21.9
Abu Dhabi Region	92.3	62.6	82.2
15 - 19	10.1	4.5	7.8
20 - 24	81.2	57.0	71.7
25 - 29	98.6	74.7	90.1
30 - 34	99.7	77.8	92.3
35 - 39	99.6	75.2	92.1
40 - 44	98.9	63.0	85.2
45 - 49	99.1	65.3	88.6
50 - 54	96.7	39.0	80.9
55 - 59	94.3	36.0	83.0
60 - 64	84.0	25.9	66.4
65+	44.2	3.0	24.9
Al Ain Region	84.2	56.9	74.4
15 - 19	10.1	8.3	9.5
20 - 24	69.6	50.3	61.7
25 - 29	94.7	74.1	85.5
30 - 34	98.2	72.7	87.9
35 - 39	99.0	71.7	89.4
40 - 44	98.2	65.7	87.0
45 - 49	98.1	56.2	87.7
50 - 54	94.0	30.6	77.4
55 - 59	87.7	20.9	73.2
60 - 64	75.5	7.5	60.4
65+	26.2	6.3	16.1
Al Dhafra Region	96.4	56.1	91.5
15 - 19	11.7	10.3	11.3
20 - 24	96.2	65.8	90.7
25 - 29	99.5	80.3	97.1
30 - 34	99.5	57.1	94.0
35 - 39	99.7	60.6	95.3
40 - 44	99.9	56.0	94.8
45 - 49	99.3	52.8	97.3
50 - 54	94.3	31.2	86.8
55 - 59	96.9	19.4	93.2
60 - 64	92.7	3.9	84.4
65+	36.0	0.0	19.9

Source: Statistics Centre - Abu Dhabi

5.1.7 Refined Participation Rate For Citizens by Region, Age Group and Gender, 2016

(%)

Age Group and Region	Males	Females	Total
Abu Dhabi Emirate	66.3	34.9	51.0
15 - 19	8.1	3.4	5.9
20 - 24	59.4	28.4	44.5
25 - 29	89.8	58.9	75.0
30 - 34	94.2	62.9	79.2
35 - 39	95.6	51.7	73.9
40 - 44	91.6	44.8	66.7
45 - 49	84.2	27.4	54.1
50 - 54	67.5	11.3	41.0
55 - 59	50.5	5.0	25.8
60 - 64	33.4	5.3	19.8
65+	9.7	3.2	6.6
Abu Dhabi Region	65.2	36.6	50.5
15 - 19	6.0	2.5	4.3
20 - 24	46.8	32.3	39.2
25 - 29	92.6	61.1	76.4
30 - 34	95.4	64.8	79.5
35 - 39	97.9	50.1	72.2
40 - 44	93.7	46.3	66.9
45 - 49	84.5	23.4	51.5
50 - 54	69.0	14.5	44.9
55 - 59	52.6	6.0	26.5
60 - 64	29.7	6.7	18.4
65+	11.9	6.7	9.8
Al Ain Region	66.6	32.8	50.5
15 - 19	9.5	4.1	7.0
20 - 24	68.1	22.6	47.5
25 - 29	86.6	56.4	72.4
30 - 34	92.9	62.4	79.3
35 - 39	93.3	54.8	75.2
40 - 44	87.7	41.9	65.1
45 - 49	82.5	32.4	56.3
50 - 54	62.0	7.2	32.6
55 - 59	44.7	2.8	21.8
60 - 64	37.1	3.8	20.3
65+	5.8	0.0	2.6
Al Dhafra Region	71.0	33.7	58.5
15 - 19	12.5	6.3	10.6
20 - 24	76.5	33.6	62.4
25 - 29	91.8	57.1	81.8
30 - 34	94.2	48.4	76.8
35 - 39	93.6	43.7	79.6
40 - 44	97.2	45.1	75.7
45 - 49	91.0	34.8	64.8
50 - 54	84.6	24.1	68.8
55 - 59	63.0	12.9	44.9
60 - 64	38.7	2.2	27.8
65+	9.3	0.0	5.0

Source: Statistics Centre - Abu Dhabi

5.1.8 Refined Participation Rate For Non-Citizens by Region, Age Group and Gender, 2016

(%)

Age Group and Region	Males	Females	Total
Abu Dhabi Emirate	94.0	67.9	86.5
15 - 19	11.1	8.2	10.2
20 - 24	85.3	65.4	78.6
25 - 29	98.9	78.0	92.1
30 - 34	99.8	77.7	93.0
35 - 39	99.8	78.3	94.0
40 - 44	99.5	67.5	89.5
45 - 49	99.8	70.9	93.7
50 - 54	98.9	45.3	87.1
55 - 59	96.3	47.4	90.1
60 - 64	89.5	28.2	76.8
65+	64.9	4.7	35.5
Abu Dhabi Region	94.8	68.2	86.4
15 - 19	11.6	5.7	9.5
20 - 24	86.5	64.4	78.5
25 - 29	99.1	76.8	91.5
30 - 34	100.0	79.6	93.4
35 - 39	99.7	79.7	94.0
40 - 44	99.3	66.1	87.4
45 - 49	100.0	72.4	92.0
50 - 54	99.4	44.7	85.6
55 - 59	97.4	53.2	91.2
60 - 64	91.5	32.9	75.9
65+	69.5	1.0	34.8
Al Ain Region	88.4	68.2	81.9
15 - 19	10.4	13.0	11.1
20 - 24	70.3	65.4	68.4
25 - 29	97.3	80.4	89.9
30 - 34	99.5	75.7	90.1
35 - 39	100.0	77.5	92.8
40 - 44	99.8	73.4	91.5
45 - 49	99.8	67.0	93.2
50 - 54	99.2	51.0	90.5
55 - 59	92.7	36.0	84.5
60 - 64	82.6	12.2	73.6
65+	51.8	18.4	37.1
Al Dhafra Region	97.8	61.5	94.0
15 - 19	11.3	12.4	11.6
20 - 24	97.9	73.0	93.8
25 - 29	99.8	83.3	97.9
30 - 34	99.8	59.1	95.2
35 - 39	100.0	63.1	96.2
40 - 44	100.0	58.6	95.9
45 - 49	99.4	58.6	98.0
50 - 54	95.1	32.8	88.4
55 - 59	98.5	26.8	96.8
60 - 64	98.1	4.9	91.9
65+	67.5	0.0	39.1

Source: Statistics Centre - Abu Dhabi

5.2. Employment

Labour force estimates indicate that the largest proportion (63.8%) of the employed population was in Abu Dhabi Region.

The distribution by status in employment revealed that the majority of employed persons in the Emirate of Abu Dhabi were paid employees (97.9%), while 1.6% were own-account workers.

A distribution by educational attainment, indicates that the largest proportion (22.4%) of the employed population had less than primary education, followed by lower secondary education (21.0%).

Among citizen's, a bachelor's degree was most common (35.7%). A classification by main occupation indicates that Elementary occupations had the largest percentage of the employed population with 26.3%, followed by Professionals with 16.4%. Among employed citizens, Professionals accounted for the largest share, making up 37.1% of this segment, while the largest share (28.6%) 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 27.6%, followed by Construction activity with 20.5%. 'Public administration and defense'; Compulsory Social security activities accounted for the largest proportion (56.7%) of employed citizens, while 'Activities of households as employers undifferentiated goods and services' activity accounted for the largest proportion (30.0%) of employed non-citizens. As labour force data indicates, the private sector engaged the largest proportion (50.5%) of the employed population, while 12.2% worked for the government sector. As for employed citizen, 74.8% worked in the government sector and 5.5% in the private sector.

Labour Force Survey data also showed that the majority of the employed in the Emirate of Abu Dhabi are married (75.6%), while 22.8% of the employed never married. The survey data also showed that 50.4% of the total employed population in the Emirate of Abu Dhabi were working more than 48 hours per week.

5.2.1 Distribution of Employed Population Estimates (15 Years and Over) by Region, Age Group and Gender, 2016

(%)

Region and Age Group	Males	Females	Total
Abu Dhabi Emirate	100.0	100.0	100.0
15 - 19	0.3	0.5	0.4
20 - 24	7.3	9.6	7.8
25 - 29	18.3	23.1	19.4
30 - 34	20.6	24.4	21.5
35 - 39	17.4	17.9	17.5
40 - 44	11.4	12.5	11.6
45 - 49	11.3	7.4	10.4
50 - 54	6.0	2.8	5.3
55 - 59	4.9	1.2	4.1
60 - 64	2.0	0.6	1.7
65+	0.3	0.1	0.3
Abu Dhabi Region	100.0	100.0	100.0
15 - 19	0.4	0.3	0.4
20 - 24	6.7	8.6	7.1
25 - 29	19.3	22.3	20.0
30 - 34	22.3	25.2	23.0
35 - 39	17.8	18.0	17.9
40 - 44	10.9	12.4	11.3
45 - 49	9.3	8.2	9.0
50 - 54	6.3	2.9	5.5
55 - 59	4.8	1.3	4.0
60 - 64	1.9	0.8	1.6
65+	0.4	0.1	0.3
Al Ain Region	100.0	100.0	100.0
15 - 19	0.3	1.0	0.5
20 - 24	7.2	10.9	8.1
25 - 29	15.5	24.5	17.8
30 - 34	17.4	23.0	18.9
35 - 39	17.5	18.0	17.7
40 - 44	13.5	13.5	13.5
45 - 49	11.7	5.4	10.1
50 - 54	7.4	2.4	6.1
55 - 59	6.2	1.0	4.8
60 - 64	2.9	0.2	2.2
65+	0.4	0.3	0.3
Al Dhafra Region	100.0	100.0	100.0
15 - 19	0.1	1.1	0.2
20 - 24	9.9	17.4	10.4
25 - 29	18.4	28.4	19.0
30 - 34	18.6	20.4	18.7
35 - 39	16.1	16.0	16.1
40 - 44	10.6	9.0	10.5
45 - 49	17.4	5.1	16.6
50 - 54	3.6	2.1	3.5
55 - 59	3.8	0.4	3.6
60 - 64	1.5	0.1	1.4
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, 2016

(%)

Citizenship and Work Status	Males	Females	Total
Grand Total	100.0	100.0	100.0
Employer	1.9	0.5	1.6
Own-account worker	0.6	0.1	0.5
Paid employee	97.4	99.4	97.9
Family Employed for Pay or Profit	0.0	0.0	0.0
Unknown	0.1	0.0	0.1
Citizens	100.0	100.0	100.0
Employer	1.9	1.0	1.6
Own-account worker	1.0	0.0	0.7
Paid employee	96.7	98.9	97.4
Family Employed for Pay or Profit	0.0	0.0	0.0
Unknown	0.3	0.1	0.3
Non-Citizens	100.0	100.0	100.0
Employer	1.8	0.5	1.5
Own-account worker	0.5	0.1	0.4
Paid employee	97.5	99.4	97.9
Family Employed for Pay or Profit	0.0	0.0	0.0
Unknown	0.1	0.0	0.1

Source: Statistics Centre - Abu Dhabi

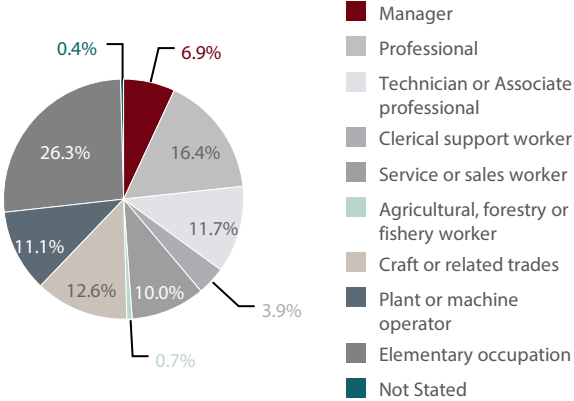
5.2.3 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Educational Attainment and Gender, 2016

(%)

Citizenship and Educational Attainment	Males	Females	Total
Grand Total	100.0	100.0	100.0
Less than primary	18.5	36.2	22.4
Primary	15.5	16.5	15.8
Lower Secondary	22.4	16.1	21.0
Upper Secondary	10.6	9.2	10.3
Post-secondary	6.0	3.1	5.4
Bachelor or equivalent	21.1	15.6	19.9
Higher Education	5.8	3.3	5.2
Not Stated	0.0	0.1	0.0
Citizens	100.0	100.0	100.0
Less than primary	1.4	0.2	1.1
Primary	4.3	0.9	3.3
Lower Secondary	14.7	6.4	12.3
Upper Secondary	33.4	22.7	30.3
Post-secondary	6.1	9.5	7.1
Bachelor or equivalent	29.5	50.7	35.7
Higher Education	10.5	9.2	10.1
Not Stated	0.0	0.3	0.1
Non-Citizens	100.0	100.0	100.0
Less than primary	19.8	40.4	24.3
Primary	16.4	18.4	16.8
Lower Secondary	23.0	17.2	21.7
Upper Secondary	8.9	7.6	8.6
Post-secondary	6.0	2.3	5.2
Bachelor or equivalent	20.5	11.5	18.5
Higher Education	5.4	2.6	4.8
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, 2016



Source: Statistics Centre - Abu Dhabi

5.2.4 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Main Occupation and Gender, 2016

(%)

Main Occupation and Citizenship	Males	Females	Total
Grand Total	100.0	100.0	100.0
Manager	8.1	3.0	6.9
Professional	17.2	13.3	16.4
Technician or Associate professional	14.0	3.8	11.7
Clerical support worker	4.1	3.0	3.9
Service or sales worker	11.3	5.2	10.0
Agricultural, forestry or fishery worker	0.9	0.0	0.7
Craft or related trades	16.0	0.8	12.6
Plant or machine operator	14.1	0.7	11.1
Elementary occupation	13.8	70.0	26.3
Not Stated	0.5	0.2	0.4
Citizens	100.0	100.0	100.0
Manager	17.2	12.0	15.7
Professional	30.5	52.9	37.1
Technician or Associate professional	21.4	15.1	19.6
Clerical support worker	5.5	14.7	8.2
Service or sales worker	19.3	3.8	14.8
Agricultural, forestry or fishery worker	0.2	0.0	0.1
Craft or related trades	0.5	0.1	0.3
Plant or machine operator	2.4	0.3	1.7
Elementary occupation	0.1	0.0	0.1
Not Stated	3.0	1.0	2.4
Non-Citizens	100.0	100.0	100.0
Manager	7.3	1.9	6.2
Professional	16.2	8.6	14.6
Technician or Associate professional	13.4	2.5	11.0
Clerical support worker	4.0	1.6	3.5
Service or sales worker	10.7	5.4	9.6
Agricultural, forestry or fishery worker	1.0	0.0	0.8
Craft or related trades	17.2	0.8	13.6
Plant or machine operator	15.0	0.7	11.9
Elementary occupation	14.9	78.3	28.6
Not Stated	0.3	0.1	0.2

Source: Statistics Centre - Abu Dhabi

5.2.5 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Main Occupation and Gender, Abu Dhabi Region, 2016

(%)

Main Occupation and Citizenship	Males	Females	Total
Grand Total	100.0	100.0	100.0
Manager	10.3	3.6	8.6
Professional	19.3	13.7	17.9
Technician or Associate professional	13.2	4.2	11.0
Clerical support worker	3.8	2.7	3.6
Service or sales worker	8.0	4.5	7.1
Agricultural, forestry or fishery worker	0.6	0.0	0.4
Craft or related trades	14.8	1.1	11.4
Plant or machine operator	13.7	0.7	10.5
Elementary occupation	15.7	69.3	29.0
Not Stated	0.5	0.2	0.5
Citizens	100.0	100.0	100.0
Manager	26.3	15.0	22.4
Professional	35.9	54.4	42.3
Technician or Associate professional	17.5	15.8	16.9
Clerical support worker	5.1	10.9	7.1
Service or sales worker	9.9	2.7	7.4
Agricultural, forestry or fishery worker	0.0	0.0	0.0
Craft or related trades	0.4	0.0	0.3
Plant or machine operator	1.7	0.4	1.3
Elementary occupation	0.0	0.0	0.0
Not Stated	3.2	0.8	2.4
Non-Citizens	100.0	100.0	100.0
Manager	9.3	2.4	7.6
Professional	18.3	9.5	16.2
Technician or Associate professional	12.9	3.1	10.6
Clerical support worker	3.8	1.9	3.3
Service or sales worker	7.8	4.6	7.1
Agricultural, forestry or fishery worker	0.6	0.0	0.5
Craft or related trades	15.7	1.2	12.2
Plant or machine operator	14.5	0.7	11.2
Elementary occupation	16.7	76.4	31.0
Not Stated	0.4	0.2	0.3

Source: Statistics Centre - Abu Dhabi

5.2.6 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Main Occupation and Gender, Al Ain Region, 2016

(%)

Main Occupation and Citizenship	Males	Females	Total
Grand Total	100.0	100.0	100.0
Manager	7.2	1.8	5.8
Professional	18.1	13.4	16.9
Technician or Associate professional	14.8	2.8	11.7
Clerical support worker	3.2	3.3	3.2
Service or sales worker	17.4	7.4	14.8
Agricultural, forestry or fishery worker	1.7	0.0	1.3
Craft or related trades	4.0	0.1	3.0
Plant or machine operator	20.3	0.7	15.2
Elementary occupation	12.8	70.3	27.6
Not Stated	0.7	0.2	0.6
Citizens	100.0	100.0	100.0
Manager	8.2	7.4	8.0
Professional	26.4	52.1	32.8
Technician or Associate professional	22.4	14.7	20.5
Clerical support worker	5.5	19.0	8.9
Service or sales worker	30.7	5.4	24.4
Agricultural, forestry or fishery worker	0.3	0.0	0.2
Craft or related trades	0.3	0.2	0.3
Plant or machine operator	2.9	0.0	2.2
Elementary occupation	0.2	0.0	0.2
Not Stated	3.2	1.2	2.7
Non-Citizens	100.0	100.0	100.0
Manager	7.0	0.9	5.4
Professional	16.6	7.0	14.1
Technician or Associate professional	13.4	0.9	10.1
Clerical support worker	2.8	0.7	2.3
Service or sales worker	15.0	7.7	13.1
Agricultural, forestry or fishery worker	1.9	0.0	1.4
Craft or related trades	4.6	0.0	3.4
Plant or machine operator	23.4	0.8	17.5
Elementary occupation	15.0	82.1	32.4
Not Stated	0.2	0.0	0.2

Source: Statistics Centre - Abu Dhabi

5.2.7 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Main Occupation and Gender, Al Dhafra Region, 2016

(%)

Main Occupation and Citizenship	Males	Females	Total
Grand Total	100.0	100.0	100.0
Manager	1.4	0.4	1.3
Professional	9.1	6.4	8.9
Technician or Associate professional	15.8	3.0	14.9
Clerical support worker	6.1	4.8	6.0
Service or sales worker	16.2	5.1	15.4
Agricultural, forestry or fishery worker	1.2	0.0	1.1
Craft or related trades	33.6	0.0	31.3
Plant or machine operator	8.2	0.3	7.7
Elementary occupation	8.3	79.9	13.2
Not Stated	0.0	0.2	0.0
Citizens	100.0	100.0	100.0
Manager	9.5	4.0	8.7
Professional	20.3	36.0	22.7
Technician or Associate professional	38.2	9.4	33.8
Clerical support worker	7.5	39.8	12.4
Service or sales worker	17.0	8.7	15.7
Agricultural, forestry or fishery worker	0.9	0.0	0.8
Craft or related trades	1.6	0.0	1.4
Plant or machine operator	3.7	0.0	3.1
Elementary occupation	0.5	0.0	0.4
Not Stated	0.9	2.1	1.1
Non-Citizens	100.0	100.0	100.0
Manager	1.1	0.0	1.0
Professional	8.7	3.5	8.4
Technician or Associate professional	15.0	2.4	14.2
Clerical support worker	6.0	1.4	5.7
Service or sales worker	16.2	4.8	15.4
Agricultural, forestry or fishery worker	1.2	0.0	1.1
Craft or related trades	34.8	0.0	32.5
Plant or machine operator	8.4	0.3	7.9
Elementary occupation	8.6	87.7	13.7
Not Stated	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

5.2.8 Distribution of Employed Population Estimates (15 Years and Over) by Economic Activity and Gender, 2016

(%)

Economic Activity	Males	Females	Total
Total	100.0	100.0	100.0
Agriculture, forestry & fishing	0.4	0.0	0.4
Mining and quarrying	8.4	1.4	6.8
Manufacturing	7.4	0.6	5.9
Electricity, gas, steam & air conditioning supply	0.6	0.2	0.5
Water supply; sewerage, waste management & remediation activities	0.2	0.1	0.2
Construction	26.0	1.5	20.5
Wholesale & retail trade repair of motor vehicles and motorcycles	5.7	1.1	4.7
Transportation & storage	3.3	1.0	2.8
Accommodation & food service activities	5.3	0.3	4.2
Information & communication	1.4	0.4	1.2
Financial & insurance activities	1.5	1.4	1.5
Real estate activities	3.7	0.4	3.0
Professional, scientific & technical activities	3.2	1.0	2.7
Administrative & support service activities	4.6	0.4	3.6
Public administration & defence; compulsory social security	8.3	5.4	7.6
Education	2.0	5.7	2.8
Human health & social work activities	2.0	3.6	2.3
Arts, entertainment & recreation	0.4	0.2	0.4
Other service activities	1.0	0.8	0.9
Activities of households as employers undifferentiated goods & services	14.2	74.1	27.6
Activities of extraterritorial organizations & bodies	0.1	0.2	0.1
Not Stated	0.4	0.1	0.3

Source: Statistics Centre - Abu Dhabi

5.2.9 Distribution of Citizens Employed Population Estimate (15 Years and Over) by Economic Activity and Gender, 2016

(%)

Economic Activity	Males	Females	Total
Total	100.0	100.0	100.0
Agriculture, forestry & fishing	0.4	0.3	0.3
Mining and quarrying	11.8	9.3	11.1
Manufacturing	3.9	2.6	3.5
Electricity, gas, steam & air conditioning supply	2.0	2.4	2.1
Water supply; sewerage, waste management & remediation activities	0.4	0.9	0.6
Construction	0.9	0.7	0.8
Wholesale & retail trade repair of motor vehicles and motorcycles	3.5	1.5	2.9
Transportation & storage	3.6	5.5	4.2
Accommodation & food service activities	0.0	0.0	0.0
Information & communication	1.0	1.1	1.0
Financial & insurance activities	1.9	6.1	3.1
Real estate activities	0.6	0.5	0.5
Professional, scientific & technical activities	0.7	1.0	0.8
Administrative & support service activities	1.4	1.5	1.4
Public administration & defence; compulsory social security	62.0	43.8	56.7
Education	1.4	13.6	5.0
Human health & social work activities	1.8	7.5	3.5
Arts, entertainment & recreation	1.1	0.6	0.9
Other service activities	0.5	0.5	0.5
Activities of households as employers undifferentiated goods & services	0.1	0.0	0.1
Activities of extraterritorial organizations & bodies	0.0	0.0	0.0
Not Stated	0.9	0.6	0.8

Source: Statistics Centre - Abu Dhabi

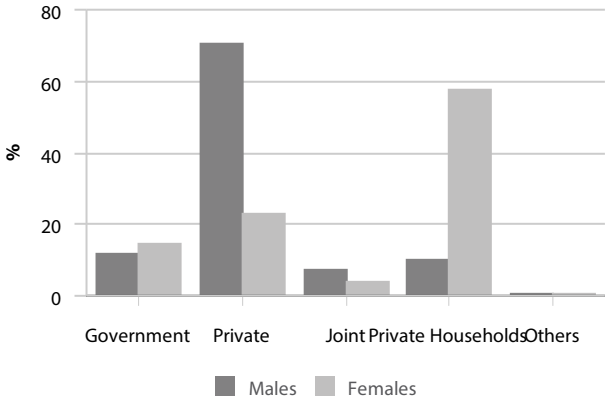
5.2.10 Distribution of Non-Citizens Employed Population Estimates (15 Years and Over) by Economic Activity and Gender, 2016

(%)

Economic Activity	Males	Females	Total
Total	100.0	100.0	100.0
Agriculture, forestry & fishing	0.4	0.0	0.4
Mining and quarrying	8.1	0.5	6.4
Manufacturing	7.7	0.4	6.1
Electricity, gas, steam & air conditioning supply	0.5	0.0	0.4
Water supply; sewerage, waste management & remediation activities	0.2	0.0	0.1
Construction	28.0	1.6	22.3
Wholesale & retail trade repair of motor vehicles and motorcycles	5.8	1.1	4.8
Transportation & storage	3.3	0.5	2.7
Accommodation & food service activities	5.7	0.3	4.6
Information & communication	1.4	0.3	1.2
Financial & insurance activities	1.5	0.9	1.3
Real estate activities	3.9	0.4	3.2
Professional, scientific & technical activities	3.4	1.0	2.9
Administrative & support service activities	4.8	0.3	3.8
Public administration & defence; compulsory social security	4.0	0.9	3.4
Education	2.0	4.8	2.6
Human health & social work activities	2.0	3.2	2.2
Arts, entertainment & recreation	0.4	0.1	0.3
Other service activities	1.0	0.8	1.0
Activities of households as employers undifferentiated goods & services	15.3	82.8	30.0
Activities of extraterritorial organizations & bodies	0.1	0.2	0.1
Not Stated	0.3	0.0	0.3

Source: Statistics Centre - Abu Dhabi

Figure 5.2.2 Distribution of Employed Population Estimates (15 Years and Over) by Work Sector and Gender, 2016



Source: Statistics Centre - Abu Dhabi

5.2.11 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Work Sector and Gender, 2016

(%)

Citizenship and Work Sector	Males	Females	Total
Grand Total	100.0	100.0	100.0
Government	12.6	10.8	12.2
Private	61.7	11.2	50.5
Joint (Gov. and Private)	10.7	3.5	9.1
Foreign	0.6	0.4	0.5
Diplomatic	0.0	0.0	0.0
Non-Profit Organization	0.0	0.0	0.0
Without Establishment	0.1	0.1	0.1
Private Households	14.1	74.1	27.5
Others	0.0	0.0	0.0
Not Stated	0.1	0.0	0.1
Citizens	100.0	100.0	100.0
Government	75.7	72.5	74.8
Private	5.1	6.7	5.5
Joint (Gov. and Private)	18.3	20.3	18.9
Foreign	0.0	0.4	0.1
Diplomatic	0.1	0.0	0.1
Non-profit Organization	0.0	0.0	0.0
Without Establishment	0.2	0.0	0.1
Private Households	0.1	0.0	0.0
Others	0.0	0.0	0.0
Not Stated	0.6	0.1	0.4
Non-Citizens	100.0	100.0	100.0
Government	7.6	3.5	6.7
Private	66.2	11.7	54.4
Joint (Gov. and Private)	10.1	1.5	8.3
Foreign	0.6	0.4	0.6
Diplomatic	0.0	0.0	0.0
Non-Profit Organization	0.0	0.0	0.0
Without Establishment	0.1	0.1	0.1
Private Households	15.3	82.8	29.9
Others	0.0	0.0	0.0
Not Stated	0.1	0.0	0.1

Source: Statistics Centre - Abu Dhabi

5.2.12 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Work Sector and Gender, Abu Dhabi Region, 2016

(%)

Citizenship and Work Sector	Males	Females	Total
Grand Total	100.0	100.0	100.0
Government	10.6	9.4	10.3
Private	61.6	13.0	49.6
Joint (Gov. and Private)	14.1	3.9	11.6
Foreign	0.9	0.6	0.8
Diplomatic	0.0	0.0	0.0
Non-Profit Organization	0.0	0.0	0.0
Without Establishment	0.1	0.0	0.1
Private Households	12.5	73.1	27.5
Others	0.0	0.0	0.0
Not Stated	0.2	0.0	0.1
Citizens	100.0	100.0	100.0
Government	68.3	68.2	68.3
Private	7.1	6.4	6.9
Joint (Gov. and Private)	23.6	24.6	24.0
Foreign	0.0	0.6	0.2
Diplomatic	0.0	0.0	0.0
Non-Profit Organization	0.0	0.0	0.0
Without Establishment	0.1	0.0	0.1
Private Households	0.1	0.0	0.1
Others	0.0	0.0	0.0
Not Stated	0.7	0.2	0.5
Non-Citizens	100.0	100.0	100.0
Government	7.1	3.3	6.2
Private	64.9	13.6	52.6
Joint (Gov. and Private)	13.5	1.8	10.7
Foreign	1.0	0.6	0.9
Diplomatic	0.0	0.0	0.0
Non-Profit Organization	0.0	0.0	0.0
Without Establishment	0.1	0.0	0.1
Private Households	13.3	80.6	29.4
Others	0.0	0.0	0.0
Not Stated	0.1	0.0	0.1

Source: Statistics Centre - Abu Dhabi

5.2.13 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Work Sector and Gender, Al Ain Region, 2016

(%)

Citizenship and Work Sector	Males	Females	Total
Grand Total	100.0	100.0	100.0
Government	24.1	14.3	21.6
Private	45.3	7.5	35.5
Joint (Gov. and Private)	4.2	2.4	3.7
Foreign	0.0	0.0	0.0
Diplomatic	0.0	0.0	0.0
Non-Profit Organization	0.1	0.0	0.1
Without Establishment	0.2	0.2	0.2
Private Households	25.9	75.5	38.8
Others	0.0	0.1	0.0
Not Stated	0.1	0.0	0.1
Citizens	100.0	100.0	100.0
Government	87.2	79.7	85.3
Private	3.0	7.7	4.2
Joint (Gov. and Private)	8.7	12.4	9.6
Foreign	0.0	0.0	0.0
Diplomatic	0.2	0.0	0.2
Non-Profit Organization	0.0	0.1	0.0
Without Establishment	0.3	0.0	0.2
Private Households	0.0	0.0	0.0
Others	0.0	0.0	0.0
Not Stated	0.6	0.0	0.4
Non-Citizens	100.0	100.0	100.0
Government	12.8	3.4	10.4
Private	52.8	7.4	41.0
Joint (Gov. and Private)	3.4	0.7	2.7
Foreign	0.0	0.0	0.0
Diplomatic	0.0	0.0	0.0
Non-Profit Organization	0.2	0.0	0.1
Without Establishment	0.2	0.2	0.2
Private Households	30.6	88.2	45.6
Others	0.0	0.1	0.0
Not Stated	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

5.2.14 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Work Sector and Gender, Al Dhafra Region, 2016

(%)

Citizenship and Work Sector	Males	Females	Total
Grand Total	100.0	100.0	100.0
Government	6.2	13.3	6.7
Private	80.8	3.3	75.6
Joint (Gov. and Private)	6.5	2.2	6.2
Foreign	0.0	0.0	0.0
Diplomatic	0.0	0.0	0.0
Non-Profit Organization	0.0	0.0	0.0
Without Establishment	0.0	0.0	0.0
Private Households	6.5	81.2	11.5
Others	0.0	0.0	0.0
Not Stated	0.0	0.0	0.0
Citizens	100.0	100.0	100.0
Government	61.7	79.5	64.4
Private	3.5	1.3	3.1
Joint (Gov. and Private)	34.6	19.2	32.2
Foreign	0.0	0.0	0.0
Diplomatic	0.0	0.0	0.0
Non-Profit Organization	0.0	0.0	0.0
Without Establishment	0.1	0.0	0.1
Private Households	0.0	0.0	0.0
Others	0.0	0.0	0.0
Not Stated	0.1	0.0	0.1
Non-Citizens	100.0	100.0	100.0
Government	4.1	6.9	4.3
Private	83.7	3.5	78.5
Joint (Gov. and Private)	5.5	0.5	5.1
Foreign	0.0	0.0	0.0
Diplomatic	0.0	0.0	0.0
Non-Profit Organization	0.0	0.0	0.0
Without Establishment	0.0	0.0	0.0
Private Households	6.7	89.1	12.0
Others	0.0	0.0	0.0
Not Stated	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

5.2.15 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Marital Status and Gender, 2016

(%)

Citizenship and Marital Status	Males	Females	Total
Grand Total	100.0	100.0	100.0
Never Married	20.3	31.3	22.8
Married	79.3	62.7	75.6
Divorced	0.3	3.8	1.1
Widowed	0.1	2.1	0.6
Citizens	100.0	100.0	100.0
Never Married	24.1	33.6	26.9
Married	73.7	58.2	69.2
Divorced	2.0	7.0	3.5
Widowed	0.1	1.2	0.4
Non-Citizens	100.0	100.0	100.0
Never Married	20.0	31.0	22.4
Married	79.7	63.3	76.1
Divorced	0.2	3.4	0.9
Widowed	0.1	2.2	0.6

Source: Statistics Centre - Abu Dhabi

5.2.16 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Actual Weekly Working Hours and Gender, 2016

(%)

Citizenship and Actual Working Hours	Males	Females	Total
Grand Total	100.0	100.0	100.0
0*	0.4	0.2	0.4
1 - 20	0.1	0.3	0.2
21 -40	21.0	23.3	21.5
41 - 48	29.7	18.0	27.1
49+	48.4	57.6	50.4
Not Stated	0.3	0.6	0.4
Citizens	100.0	100.0	100.0
0*	4.9	0.3	3.6
1 - 20	0.4	0.5	0.4
21 -40	72.1	85.4	76.0
41 - 48	16.2	12.4	15.1
49+	5.5	1.3	4.3
Not Stated	0.8	0.1	0.6
Non-Citizens	100.0	100.0	100.0
0*	0.1	0.2	0.1
1 - 20	0.1	0.2	0.1
21 -40	17.0	16.0	16.8
41 - 48	30.8	18.7	28.1
49+	51.8	64.2	54.5
Not Stated	0.3	0.7	0.4

Source: Statistics Centre - Abu Dhabi

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

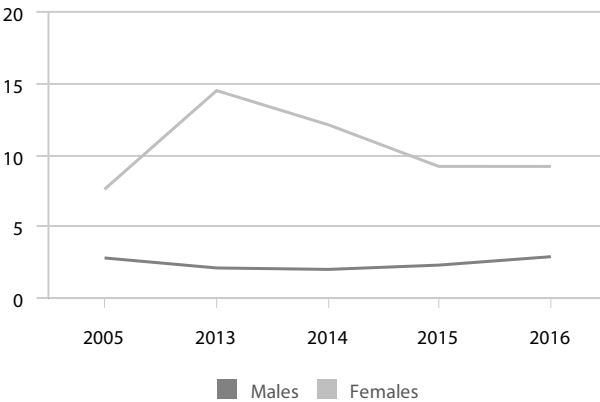
5.3 Unemployment

The unemployment rate in 2016 was about 4.4%, Increase from 3.7% according to 2015 estimates.

The 20 to 24 years age group accounted for the largest proportion of the unemployed persons (27.0%). Data shows female unemployment rate in 2016 was higher than that of male, averaging 9.2%. A distribution by educational attainment reveals that the majority of the unemployed (35.5%), hold an upper secondary education, followed by a bachelor's degree 33.5%, while those with an educational attainment less than primary made up the lowest percentage (2.9 %) of the unemployed.

As the survey results indicate, 55.3% of the unemployed in the Emirate of Abu Dhabi are married, while 42.5% of them never 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	2013*	2014*	2015*	2016*
Grand Total	3.5	4.1	3.4	3.7	4.4
Males	2.8	2.1	2	2.3	2.9
Females	7.6	14.5	12.1	9.2	9.2

Source: Statistics Centre - Abu Dhabi

* Estimated from Labour Force Survey, 2013, 2014, 2015 and 2016

5.3.2 Distribution of Unemployed Population Estimates (15 Years and Over) by Age Group and Gender, 2016

(%)

Age Group	Males	Females	Total
Total	100.0	100.0	100.0
15 - 19	10.8	2.7	6.8
20 - 24	34.0	19.8	27.0
25 - 29	15.5	32.1	23.7
30 - 34	6.4	21.1	13.7
35 - 39	13.4	10.1	11.7
40 - 44	5.8	7.7	6.7
45 - 49	2.6	4.8	3.7
50 - 54	4.9	0.7	2.8
55 - 59	3.3	1.1	2.3
60 - 64	2.6	0.0	1.3
65+	0.8	0.0	0.4

Source: Statistics Centre - Abu Dhabi

5.3.3 Distribution of Unemployed Population Estimates (15 Years and Over) by Educational attainment and Gender, 2016

(%)

Educational attainment	Males	Females	Total
Grand Total	100.0	100.0	100.0
Less than primary	2.5	3.3	2.9
Primary	6.5	1.9	4.2
Lower Secondary	18.1	8.1	13.2
Upper Secondary	43.1	27.6	35.5
Post-secondary	4.9	7.9	6.4
Bachelor or equivalent	22.6	44.6	33.5
Higher Education	2.3	6.5	4.4
Not Stated	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

5.3.4 Distribution of Unemployed Population Estimate (15 Years and Over) by Marital Status and Gender, 2016

(%)

Marital Status	Males	Females	Total
Grand Total	100.0	100.0	100.0
Never Married	57.0	27.7	42.5
Married	42.3	68.7	55.3
Divorced	0.6	3.1	1.8
Widowed	0.2	0.6	0.4

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 46.9 dependants per 100 in the labour force for the total population, 26.0 for males and 114.7 for females. 18.5% of the total population aged 15 years and over were Outside Labour Force in year 2016, of which most were individuals engaged in household duties or students.

5.4.1 Economic Dependency Ratio by Citizenship, Region and Gender, 2016

(per 100 in the labour force)

Citizenship and Region	Males	Females	Total
Grand Total	26.0	114.7	46.9
Abu Dhabi Region	23.6	100.6	43.5
Al Ain Region	47.0	146.6	74.3
Al Dhafra Region	9.5	150.5	20.0
Citizens	145.5	362.1	217.8
Abu Dhabi Region	151.0	323.6	215.5
Al Ain Region	151.3	418.6	234.0
Al Dhafra Region	87.8	379.8	144.3
Non- Citizens	16.2	79.6	30.5
Abu Dhabi Region	15.5	75.0	30.3
Al Ain Region	27.9	85.5	43.3
Al Dhafra Region	6.3	120.4	14.2

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, 2016

(%)

Economic Inactive Status	Males	Females	Total
Total	100.0	100.0	100.0
Household duties	0.2	54.3	36.5
Student	70.2	24.3	39.4
Unable to work	8.3	1.4	3.7
Retired	8.7	0.4	3.1
Over 65 of Age and Doesn't Work	2.5	2.3	2.4
Independent income	0.7	0.5	0.5
Social Circumstances	1.1	8.1	5.8
Unwilling to work	0.8	3.3	2.5
Didn't Find suitable Work	4.2	2.6	3.1
Others	2.8	2.6	2.7
Not Stated	0.4	0.2	0.2

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, 2016

(%)

Citizenship and Age Group	Males	Females	Total
Grand Total	100.0	100.0	100.0
15 - 19	55.3	17.0	29.6
20 - 24	19.5	13.0	15.2
25 - 29	3.7	12.5	9.6
30 - 34	1.2	12.1	8.5
35 - 39	0.9	9.6	6.7
40 - 44	1.3	10.8	7.6
45 - 49	1.2	6.5	4.8
50 - 54	2.7	6.9	5.5
55 - 59	3.9	4.1	4.1
60 - 64	4.5	3.4	3.8
65 +	5.7	4.1	4.6
Citizens	100.0	100.0	100.0
15 - 19	43.5	21.0	29.0
20 - 24	17.5	15.6	16.2
25 - 29	4.7	9.6	7.9
30 - 34	2.4	7.6	5.8
35 - 39	1.5	8.8	6.2
40 - 44	2.0	8.1	6.0
45 - 49	2.4	6.6	5.1
50 - 54	5.3	7.0	6.4
55 - 59	5.1	6.3	5.9
60 - 64	5.5	4.0	4.5
65 +	10.2	5.3	7.0
Non-citizens	100.0	100.0	100.0
15 - 19	63.1	14.7	30.0
20 - 24	20.9	11.6	14.5
25 - 29	3.0	14.1	10.6
30 - 34	0.5	14.6	10.1
35 - 39	0.5	10.0	7.0
40 - 44	0.9	12.2	8.6
45 - 49	0.4	6.5	4.6
50 - 54	1.1	6.9	5.0
55 - 59	3.1	2.9	3.0
60 - 64	3.8	3.1	3.4
65 +	2.8	3.4	3.2

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

2016

Agriculture

Total number of holdings (plant holdings)	24,018
Total agriculture area (donums)	749,868
Area cultivated with field crops (donums)	60,208
Area cultivated with of vegetables (donums)	19,558
Area cultivated with fruit trees (donums)	272,322
Number of sheep and goats	3,073,356
Number of cattle in traditional holdings	46,990
Number of cattle in commercial farms	20,135
Number of camels	394,224
Number of commercial farms	32
Broiler - chicken meat production (tons)	23,154
Egg production (thousand eggs)	402,285
Milk production of commercial farms (tons)	104,132
Quantity of fish caught (tons)	4,439
Value of fish caught (thousand AED)	112,863
Exported agricultural goods (thousand AED)	1,438,944
Re - exported agricultural goods (thousand AED)	918,762

Environment

Average minimum temperature (C)	22.6
Average minimum relative humidity (%)	29.4
Average rainfall in millimeters	60.7
Average maximum temperature (C)	34.7
Average maximum relative humidity (%)	77.7
Average atmospheric pressure (hPA)	1,010
% of change in CO2 emissions - oil and gas sector	1.2
% of change in CO2 emissions - water and electricity production sector (%)	2.3-
Total non-conventional water resources (MCM)	1,283
Quantity of treated wastewater (MCM)	325.9
	9,598,969

Total amount of waste generated (tons)	
Daily average of waste generated (tons)	26,227
Energy and Water	
Annual production of crude oil (thousand barrels)	1,104,827
Annual exports of crude oil (thousand barrels)	885,474
Annual production of natural gas (million cubic feet)	2,727,711
Total exports of liquefied natural gas products(thousand metric tons)	26,733
Total of available electric power (MWH)	68,183,363
Electricity consumption per capita(MWH)_ 2015	22.6
Total of available desalinated water(Million Imperial Gallons)	270,241
The average per capita daily consumption (gallons)_ 2015	250
Quantity of electricity generated from renewable energy (MWH)	280,085

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 decade, the number of plant holdings increased 38-folds from 634 in 1971 to 24,018 in 2016. 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 (64%) in Al Ain. Meanwhile, the total number of camels was 394,224 heads, mostly (55%) in Al Ain.

The statistical Yearbook present 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 23,154 tons, while layers' farms produced 602.3 million eggs, and dairy farms 104 thousand tons of cow's milk in 2016.

Plant Production

Plant production statistics provide data on the changes taking place in this activity, which vary from one season to another. The area cultivated with fruits in 2016 forms 36% of the total arable area, followed by the area cultivated with field crops at 8%, and finally the area cultivated with vegetable crops at 3% of the total arable 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.

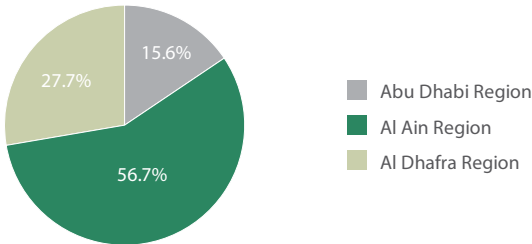
6.1.1 Number and Area of Plant Holdings by Region

(Donums)

Region	2010	2014	2015	2016
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	4,480
Area	95,483	89,679	89,679	116,786
Al Ain Region				
Number	11,894	11,921	11,921	11,046
Area	441,637	452,503	452,503	425,396
Al Dhafra Region				
Number	8,559	8,492	8,492	8,492
Area	210,559	207,686	207,686	207,686

Source: Abu Dhabi Food Control Authority

Figure 6.1.1 Percentage Distribution of Plant Holdings Area by Region, 2016



Source: Statistics Centre - Abu Dhabi

6.1.2 Number of Farms by Area Category and Region, 2016

Area category	Total	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Total	24,018	4,480	11,046	8,492
Less than 20 Donum	4,490	726	502	3,262
20-29 Donum	6,450	3,325	781	2,344
30 - 39 Donum	9,774	245	9,114	415
40 - 49 Donum	2,661	109	188	2,364
50 -59 Donum	172	18	118	36
More than 60 Donum	471	57	343	71

Source: Abu Dhabi Food Control Authority

6.1.3 Area of Farms by Area Category and Region, 2016

(Donums)

Area category	Total	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Total	749,869	116,786	425,396	207,687
Less than 20 Donum	49,477	11,661	6,564	31,251
20-29 Donum	159,733	84,689	20,147	54,897
30 - 39 Donum	327,690	8,376	305,202	14,112
40 - 49 Donum	107,958	4,613	8,333	95,012
50 -59 Donum	9,424	988	6,461	1,975
More than 60 Donum	95,587	6,459	78,688	10,440

Source: Abu Dhabi Food Control Authority

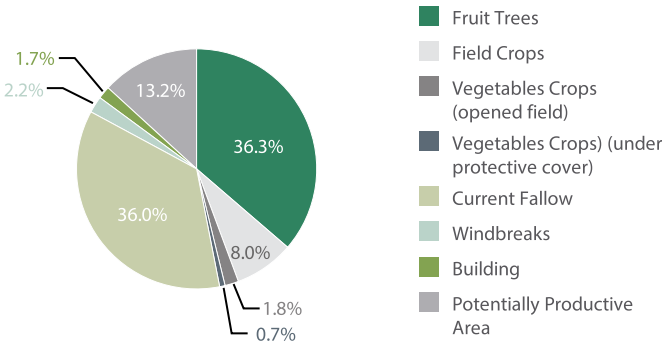
6.1.4 Area of Plant Holdings by Land Use and Region, 2016

(Donums)

Item	Total	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Total area of holdings	749,869	116,786	425,397	207,686
Fruit Trees	272,323	28,952	140,003	103,368
Field Crops	60,208	6,328	43,479	10,401
Vegetables Crops (opened field)	14,054	3,584	6,585	3,885
Vegetables Crops (under protective cover)	5,504	693	3,421	1,390
Current Fallow	269,385	30,894	173,013	65,478
Windbreaks	16,702	5,588	3,839	7,275
Building	12,725	1,953	7,207	3,565
Potentially Productive Area	98,968	38,794	47,850	12,324

Source: Abu Dhabi Food Control Authority

Figure 6.1.2 Percentage Distribution of Plant Holdings Area by Land Use, 2016



Source: Statistics Centre - Abu Dhabi

6.1.5 Area Cultivated with Field Crops by Region

(Donums)

Region	2010	2014	2015	2016
Total	231,919	59,197	48,177	60,208
Abu Dhabi Region	33,708	4,713	3,540	6,328
Al Ain Region	134,734	44,258	38,270	43,479
Al Dhafra Region	63,477	10,226	6,367	10,401

Source: Abu Dhabi Food Control Authority

6.1.6 Quantity of Production of Field Crops by Region

(Tons)

Region	2010	2014	2015	2016
Total	1,041,325	221,558	148,195	225,342
Abu Dhabi Region	153,663	15,497	11,828	24,957
Al Ain Region	667,801	154,250	114,411	147,689
Al Dhafra Region	219,861	51,811	21,956	52,696

Source: Abu Dhabi Food Control Authority

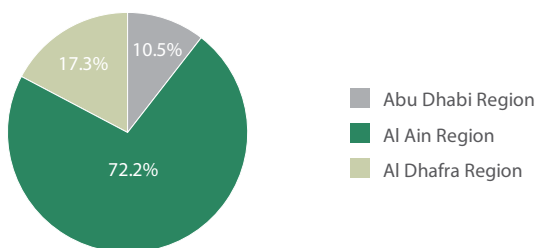
6.1.7 Value of Field Crops by Region

(Thousand AED)

Region	2010	2014	2015	2016
Total	1,699,723	402,164	222,687	409,040
Abu Dhabi Region	250,819	28,619	17,355	48,815
Al Ain Region	1,090,031	277,603	169,824	262,642
Al Dhafra Region	358,873	95,942	35,508	97,583

Source: Abu Dhabi Food Control Authority

Figure 6.1.3 Percentage Distribution of Area Cultivated with Field Crops by Region, 2016



Source: Statistics Centre - Abu Dhabi

6.1.8 Quantity of Production, Cultivated area, and Average Yield of Vegetables by Type, 2016

Type	Production(Tons)	Cultivated area(Donums)	Average yield (Tons/Domum)
Total	78,114.2	19,559.0	
Potato	4,862.2	1,279.1	3.8
Cabbage	9,377.7	2,189.7	4.3
Hot Pepper	793.0	248.5	3.2
Sweet Pepper	3,686.6	1,001.6	3.7
Marrow	1,955.6	680.0	2.9
Egg Plant	3,575.3	1,051.7	3.4
Cucumber	23,640.9	4,041.6	5.8
Tomato	18,565.6	3,866.4	4.8
Water Melon	1,541.1	461.9	3.3
Sweet Melon	503.1	319.0	1.6
Lettuce	38.0	74.2	0.5
Onion	3,146.0	1,480.4	2.1
Parsley	519.3	167.0	3.1
Beans	288.1	411.5	0.7
Beets	155.2	186.0	0.8
Carrot	499.7	204.6	2.4
Cauliflower	420.6	319.1	1.3
Pumpkin	78.0	65.0	1.2
Coriander	208.9	117.9	1.8
Mallow	58.6	73.2	0.8
Okra	20.4	35.0	0.6
Radish	23.5	48.0	0.5
Sweet Corn	3,931.5	1045.3.3	3.8
Garden Rocket	122.5	99.0	1.2
Turnip	57.0	38.0	1.5
Broccoli	45.8	55.3	0.8

Source: Abu Dhabi Food Control Authority

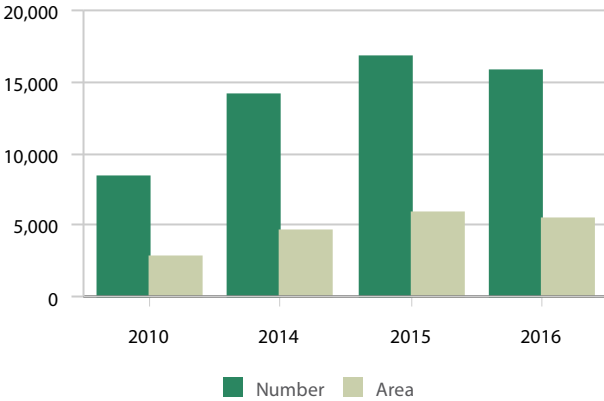
6.1.9 Number and Area of Greenhouses

(Donums)

Item	2010	2014	2015	2016
Number	8,363	14,057	16,715	16,037
Area	2,825	4,656	5,824	5,504

Source: Abu Dhabi Food Control Authority

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



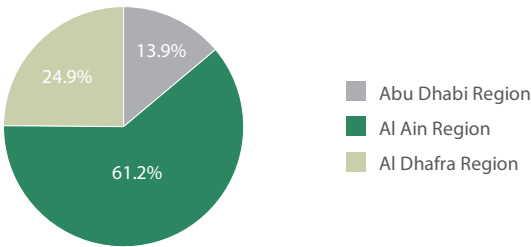
Source: Statistics Centre - Abu Dhabi

6.1.10 Number of Productive Greenhouses by Region

Region	2011	2014	2015	2016
Total	5,633	14,057	16,715	16,037
Abu Dhabi Region	347	1,337	2,105	2,227
Al Ain Region	2,122	9,027	10,390	9,821
Al Dhafra Region	3,164	3,693	4,220	3,989

Source: Abu Dhabi Food Control Authority

Figure 6.1.5 Percentage distribution of the number of productive greenhouse by region, 2016



Source: Statistics Centre - Abu Dhabi

6.1.11 Number and Area of Fruit Trees by Type

(Donums)

Fruit trees	2015		2016	
	Number	Area	Number	Area
Total	132,227	2,958	131,699	2,959
Orange	7,561	206	7,561	207
Murus Alba	754	15	754	15
Figs	4,845	96	4,845	96
Guava	1,672	34	1,672	35
Pomegranate	4,566	72	4,566	73
Olive	837	24	837	23
Cider Fruit	15,402	505	15,402	505
Mango	15,480	484	15,480	483
Banana	3,947	83	3,947	83
Others	77,163	1,439	76,635	1,439

Source: Abu Dhabi Food Control Authority

* Except for date palm

6.1.12 Number and Area of Fruit Trees by Type - Abu Dhabi Region

(Donums)

Fruit trees	2015		2016	
	Number	Area	Number	Area
Total	20,202	513	44,884	608
Orange	1,473	36	1,889	55
Murus Alba	312	9	320	9
Figs	761	8	915	13
Guava	353	8	478	12
Pomegranate	775	13	809	15
Olive	37	1	37	1
Cider Fruit	1,841	66	2,462	76
Mango	3,514	89	4,315	115
Banana	0	0	5	0
Others	11,136	282	33,654	312

Source: Abu Dhabi Food Control Authority

* Except for date palm

6.1.13 Number and Area of Fruit Trees by Type - Al Ain Region

(Donums)

Fruit trees	2015		2016	
	Number	Area	Number	Area
Total	81,895	1,761	56,685	1,666
Orange	5,206	156	4,790	138
Murus Alba	309	4	301	4
Figs	2,481	53	2,327	48
Guava	753	17	628	14
Pomegranate	2,457	42	2,423	41
Olive	441	14	441	14
Cider Fruit	9,075	280	8,454	270
Mango	10,833	372	10,032	345
Banana	3,269	80	3,264	80
Others	47,071	742	24,025	712

Source: Abu Dhabi Food Control Authority

* Except for date palm

6.1.14 Number and Area of Fruit trees by type - Al Dhafra Region

(Donums)

Fruit trees	2015		2016	
	Number	Area	Number	Area
Total	30,130	685	30,130	685
Orange	882	14	882	14
Murus Alba	133	2	133	2
Figs	1,603	35	1,603	35
Guava	566	9	566	9
Pomegranate	1,334	17	1,334	17
Olive	359	8	359	8
Cider Fruit	4,486	159	4,486	159
Mango	1,133	23	1,133	23
Banana	678	3	678	3
Others	18,956	415	18,956	415

Source: Abu Dhabi Food Control Authority

* Except for date palm

6.1.15 Quantity of Dates Produced by Region

(Tons)

Region	2010	2014	2015	2016
Total	72,900	93,592	93,075	96,037
Abu Dhabi Region	5,175	2,836	8,103	5,745
Al Ain Region	45,660	57,729	53,839	55,706
Al Dhafra Region	22,065	33,027	31,133	34,586

Source: Al Foah Company

6.1.16 Value of Dates Produced by Region

(Thousand AED)

Region	2010	2014	2015	2016
Total	439,873	629,208	579,282	600,148
Abu Dhabi Region	33,109	15,681	45,006	25,882
Al Ain Region	265,596	362,235	320,580	341,631
Al Dhafra Region	141,168	251,292	213,696	232,636

Source: Al Foah Company

6.1.17 Number and Area of Windbreak Trees by Region, 2016

(Donums)

Region	Number	Area
Total	1,154,739	16,702
Abu Dhabi Region	358,245	4,664
Al Ain Region	403,374	4,762
Al Dhafra Region	393,120	7,275

Source: Abu Dhabi Food Control Authority

6.1.18 Quantity and Value of Agricultural Products Supplied to the Agriculture Marketing Centre

(Quantity in tons, value in thousand AED)

Product	2016	
	Quantity	Value
Total	78,114.2	191,856.1
Potato	4,862.2	11,195.6
Cabbage	9,377.7	10,814.7
Hot Pepper	793.0	2,361.2
Sweet Pepper	3,686.6	19,452.2
Marrow	1,955.6	5,248.5
Egg Plant	3,575.3	6,025.0
Cucumber	23,640.9	55,035.5
Tomato	18,565.6	45,210.9
Water Melon	1,541.1	4,507.7
Sweet Melon	503.1	959.0
Lettuce	38.0	140.9
Onion	3,146.0	7,863.2
Parsley	519.3	3,397.1
Beans	288.1	1,125.9
Beets	155.2	192.8
Carrot	499.7	1,900.8
Cauliflower	420.6	880.8
Pumpkin	78.0	163.4
Coriander	208.9	1,462.4
Mallow	58.6	401.1
Okra	20.4	118.3
Radish	23.5	117.6
Sweet Corn	3,931.5	12,325.4
Garden Rocket	122.5	739.8
Turnip	57.0	132.8
Broccoli	45.8	83.4

Source: Abu Dhabi Food Control Authority

6.1.19 Agriculture Producers Price Indices

(2014 = 100)

Crop	2015	2016
All Products	126.7	129.1
Tomato	141.2	124.4
Pepper	123.3	130.1
Cucumber	126.8	156.9
Marrow	121.2	72.6
Water Melon	133.2	117.1
Sweet Melon	177.8	103.4
Onion	78.8	108.3
Beans	79.2	101.9
Eggplant	119.4	131.4
Cauliflower	146.6	126.1
Cabbage	80.1	149.8
Lettuce	135.2	92.9
Mallow	137.7	136.7
Coriander	128.9	127.3
Beets	134.5	85.3
Parsley	192.8	144
Potato	77.5	65.6
Corn	87.7	110.3
Turnip	164.5	77
Carrot	118.7	112.3
Rocket	148.2	142.9

Source: Statistics Centre - Abu Dhabi

6.1.20 Quantity of Pesticides Used by Region

Region	2015		2016	
	Liter	Kilogram	Liter	Kilogram
Total	30,658	-	21,394	-
Abu Dhabi Region	3,900	-	1,564	-
Al Ain Region	13,690	-	12,047	-
Al Dhafra Region	13,068	-	7,783	-

Source: Abu Dhabi Food Control Authority

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

(Thousand AED)

Region	2010	2014	2015	2016
Total*	26,719	4,912	2,933	933
Abu Dhabi and Al Dhafra Region	4,967	830.9	668	0
Al Ain Region	21,752	4,081	2,265	933

Source: Abu Dhabi Food Control 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 87.4% of the total livestock, followed by camels at 11.2% and cattle at 1.3% as shown by the data pertaining to traditional holdings in 2016. 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 2016 the total fish catch amounted to 4,439 tons, with a market value of million AED 112.9.

6.1.22 Number of Livestock by Type

Type	2010	2014	2015	2016
Total*	2,357,065	3,403,088	3,519,561	3,514,570
Sheep and goats	2,041,902	2,995,350	3,084,477	3,073,356
Cattle**	39,778	30,010	51,197	46,990
Camels	275,385	377,728	383,887	394,224

Source: Abu Dhabi Food Control Authority

6.1.23 Number of Livestock by Type - Abu Dhabi Region

Type	2010	2014	2015	2016
Total*	387,379	596,101	698,934	699,888
Sheep and goats	340,699	525,625	617,886	618,029
Cattle**	3,764	5,743	6,677	6,428
Camels	42,916	64,733	74,371	75,431

Source: Abu Dhabi Food Control Authority

6.1.24 Number of Livestock by Type - Al Ain Region

Type	2010	2014	2015	2016
Total*	1,516,657	2,231,481	2,222,298	2,219,391
Sheep and goats	1,316,938	1,994,148	1,970,057	1,963,529
Cattle**	34,911	22,888	42,918	39,248
Camels	164,808	214,445	209,323	216,614

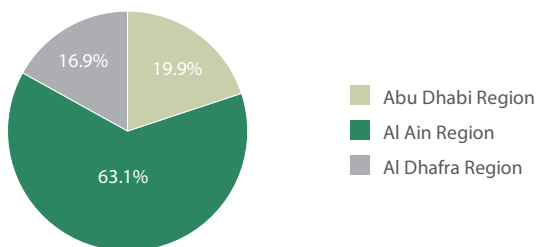
Source: Abu Dhabi Food Control Authority

6.1.25 Number of Livestock by Type - Al Dhafra Region

Type	2010	2014	2015	2016
Total*	453,029	575,506	598,329	595,291
Sheep and goats	384,265	475,577	496,534	491,798
Cattle*	1,103	1,379	1,602	1,314
Camels	67,661	98,550	100,193	102,179

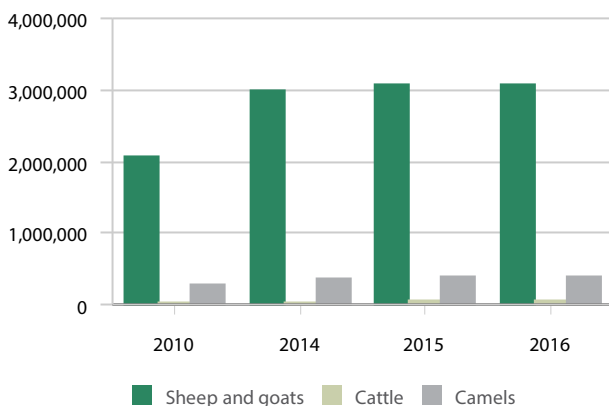
Source: Abu Dhabi Food Control Authority

Figure 6.1.6 Percentage Distribution of Number of Livestock by Region, 2016



Source: Statistics Centre - Abu Dhabi

Figure 6.1.7 Number of Livestock by Type



Source: Abu Dhabi Food Control Authority

6.1.26 Number of Animal Holdings by Region

Region	2010	2014	2015	2016
Total*	17,963	23,730	24,337	25,171
Abu Dhabi Region	3,659	4,539	5,303	5,598
Al Ain Region	10,692	14,948	14,626	15,099
Al Dhafra Region	3,612	4,243	4,408	4,474

Source: Abu Dhabi Food Control Authority

6.1.27 Number of Slaughtered Animals by Type

Type	2012	2014	2015	2016
Total	770,944	904,559	881,681	918,680
Sheep and goats	730,851	863,056	836,335	869,973
Cattle	14,317	17,340	17,077	13,744
Camels	25,776	24,163	28,269	34,963

Source: Department of Municipal Affairs

6.1.28 Quantity of Meat Produced From Slaughter by Type

(Tons)

Type	2012	2014	2015	2016
Total	15,549	17,896	16,700	19,242
Sheep and goats	8,423	10,806	9,643	11,624
Cattle	3,180	3,637	3,555	2,757
Camels	3,946	3,452	3,502	4,860

Source: Department of Municipal Affairs

6.1.29 Value of Meat Produced From Slaughter by Type

(Thousand AED)

Type	2012	2014	2015	2016
Total	804,969	840,216	770,328	872,055
Sheep and goats	495,753	542,964	502,059	601,474
Cattle	120,573	136,712	120,612	94,397
Camels	188,643	160,540	147,657	176,184

Source: Department of Municipal Affairs

6.1.30 Number of Commercial Farms by Type of Farm

Type	2012	2014	2015	2016
Total	26	31	31	32
Broiler farms	7	9	9	9
Layer farms	5	7	7	7
Parent stock Farms	1	2	2	3
Cattle farms	13	13	13	13

Source: Abu Dhabi Food Control Authority

6.1.31 Quantity of Production in Commercial Farms by Type

Type	2012	2014	2015	2016
Chicken meat (Tons)	17,101	22,257	22,632	23,154
Table eggs (1000 Egg)	203,058	309,340	356,364	402,285
Cattle milk (Tons)	80,540	95,727	102,783	104,132

Source: Abu Dhabi Food Control Authority

6.1.32 Quantity and Value of Fish Caught by Major Fish Families

(Quantity in tons, value in (Thousand AED))

Fish Families	2015		2016	
	Quantity	Value	Quantity	Value
Total	5,235	128,325	4,439	112,863
Carangidae	928	12,590	774	9,248
Haemulidae	274	2,913	150	2,135
Lethrinidae	679	18,733	284	6,885
Lutjanidae	50	1,477	57	1,523
Portunidae	149	3,005	334	4,769
Scombridae	1,806	48,136	1,884	54,134
Epinephelidae	820	34,187	609	28,173
Sparidae	95	991	36	589
Others	433	6,293	310	5,407

Source: Environment Agency - Abu Dhabi

6.1.33 Quantity of Fish Caught by Month

(Tons)

Month	2012	2014	2015	2016
Total	4,399	4,290	5,235	4,438
Jan	495	363	441	428
Feb	515	290	401	442
Mar	437	486	659	413
Apr	354	284	458	261
May	299	437	359	243
Jun	329	262	188	103
Jul	194	160	170	80
Aug	130	170	142	106
Sep	207	214	206	93
Oct	257	331	448	466
Nov	532	619	660	786
Dec	652	675	1,103	1,020

Source: Environment Agency - Abu Dhabi

6.1.34 Number of Animals Treated at Veterinary Clinics by Region

Region	2012	2014	2015	2016
Total	1,094,820	1,030,395	1,293,262	702,686
Abu Dhabi Region	315,925	197,732	245,732	176,236
Al Ain Region	571,357	580,234	648,413	297,708
Al Gharbia Region	207,538	252,429	399,117	228,742

Source: Abu Dhabi Food Control Authority

6.1.35 Number of Cases Vaccinated by Type of Animal and Region, 2016

Type of Animal	2012	2014	2015	2016
Total	3,267,375	8,354,689	8,421,672	9,366,159
Sheep	1,848,951	3,919,529	3,877,993	4,542,188
Goats	1,404,160	4,390,129	4,441,400	4,806,461
Cattle	14,264	45,031	102,279	17,510

Source: Abu Dhabi Food Control Authority

6.1.36 Number of Incidence of Poultry Diseases by Region

Region	2012	2014	2015	2016
Total	68,577	58,654	94,059	119,744
Abu Dhabi Region	29,259	19,101	16,738	15,943
Al Ain Region	21,477	31,715	61,028	57,925
Al Dhafra Region	17,841	7,838	16,293	45,876

Source: Abu Dhabi Food Control 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.

6.1.37 Value of Imports of Agricultural Goods and Food

(Thousand AED)

Item	2010	2014	2015	2016
Total	6,705,980	9,037,554	8,704,060	7,684,912
Live animals and their products	1,891,753	2,658,466	2,840,842	2,901,996
Vegetable products	2,816,473	3,245,970	2,907,704	2,121,835
Animals or vegetable fats, oils and waxes	328,253	394,317	396,908	445,529
Foodstuffs, beverages, spirits and tobacco	1,581,916	2,590,281	2,433,772	2,142,742
Fertilizers	52,728	122,323	99,634	57,085
Pesticides and rodents, fungi, weeds	34,857	26,196	25,201	15,726

Source: Statistics Centre - Abu Dhabi

6.1.38 Value of Exports of Agricultural Goods and Food

(Thousand AED)

Item	2010	2014	2015	2016
Total	561,996	750,005	1,708,345	1,438,944
Live animals and their products	112,270	186,221	804,639	407,169
Vegetable products	60,009	57,471	67,894	77,880
Animals or vegetable fats, oils and waxes	154,475	204,544	175,702	219,675
Foodstuffs, beverages, spirits and tobacco	181,108	217,312	587,198	672,768
Fertilizers	53,929	82,660	66,991	59,275
Pesticides and rodents, fungi, weeds	205	1,797	5,921	2,177

Source: Statistics Centre - Abu Dhabi

6.1.39 Value of Re-Exports of Agricultural Goods and Food

(Thousand AED)

Item	2010	2014	2015	2016
Total	115,901	64,324	76,292	918,762
Live animals and their products	20,673	22,295	27,409	17,023
Vegetable products	64,978	15,852	23,958	12,343
Animals or vegetable fats, oils and waxes	1,106	345	497	591
Foodstuffs, beverages, spirits and tobacco	28,416	22,638	23,192	887,654
Fertilizers	630	2,617	469	707
Pesticides and rodents, fungi, weeds	98	577	768	443

Source: Statistics Centre - Abu Dhabi

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



Source: Statistics Centre - Abu Dhabi

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

(Quantity in tons, value in thousand AED)

Description	2010	2014	2015	2016
Imports				
Quantity	24,707	50,686	46,138	34,202
Value	52,728	122,323	99,634	57,085
Exports				
Quantity	18,935	23,632	110,166	22,607
Value	53,929	82,660	66,991	59,275
Re-Exports				
Quantity	300	804	251	480
Value	630	2,617	469	707

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 2016, the average minimum temperature of Abu Dhabi Emirate was 22.6 C°, while the average maximum temperature was 34.7 C°. Average annual rainfall decreased from 87.4 mm in 2015 to 60.7 mm in 2016. Average minimum relative humidity was 29% while average maximum relative humidity was 77%. Average atmospheric pressure was 1,010 hPA. The maximum daily solar radiation exceeded 9,560 Watt /m²/h during summer months.

Regarding air quality, the concentrations of air pollutants in 2016 were within their permissible limits. Annual average concentration of particulate matter, with a diameter of 10 micron, ranged between 90.8 and 155 mcg/m³ in the urban areas of the Emirate.

The quantity of treated wastewater in 2016 was 325.9 MCM, of which Abu Dhabi region accounted for approximately 76%, where Al Dhafra region did not exceed 4% of the total.

In 2015, more than 1800 people were diagnosed with transmitted diseases through food and food poisoning, caused by eating food or beverages contaminated with bacteria or viruses. People diagnosed with food poisoning accounted for the largest percentage 43% of the total number of patients, followed by Typhoid fever at 9.7%. Regarding waste statistics, the Emirate of Abu Dhabi generated a daily average up to 26 thousand tons of waste in 2016, which is up to approximately 9.5 million tons of non-hazardous waste annually. Construction and demolition waste accounted for the largest percentage 47% of the total amount of waste generated in the

Emirate.

Location and Area

The Emirate of Abu Dhabi is located in the far west and southwest part of the United Arab Emirates along the southern coast of the Arabian Gulf between latitudes 22°40' and around 25° north and longitudes 51° and around 56° east. The total area of the Emirate is 67,340 square kilometers, occupying about 87% of the total area of the UAE, excluding islands. The territorial waters of the Emirate embrace about 200 islands off its 700 kilometers coastline.

The topography of the Emirate is dominated by low-lying sandy terrain dotted with sand dunes exceeding 300 meters in height in some areas southwards. The eastern part of the Emirate borders the western fringes of Al-Hajar Mountains.

Hafeet Mountain, Abu Dhabi's highest elevation, rising about 1,300 meters, is located south of Al Ain city.

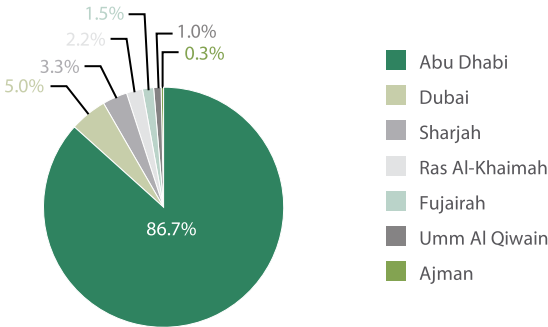
6.2.1 Area of the United Arab Emirates *

Emirate	Sq. mile	Sq. kilometre	%
Total	30,000	77,700	100
Abu Dhabi Region	26,000	67,340	86.7
Dubai	1,500	3,885	5.0
Sharjah	1,000	2,590	3.3
Ras Al-Khaimah	650.2	1,684	2.2
Fujairah	449.8	1,165	1.5
Umm Al Qiwain	300.0	777.0	1.0
Ajman	100	259.0	0.3

Source: Ministry of Economy

* Excluding islands

Figure 6.2.1 Area of the United Arab Emirates



Source: Ministry of Economy

Climate

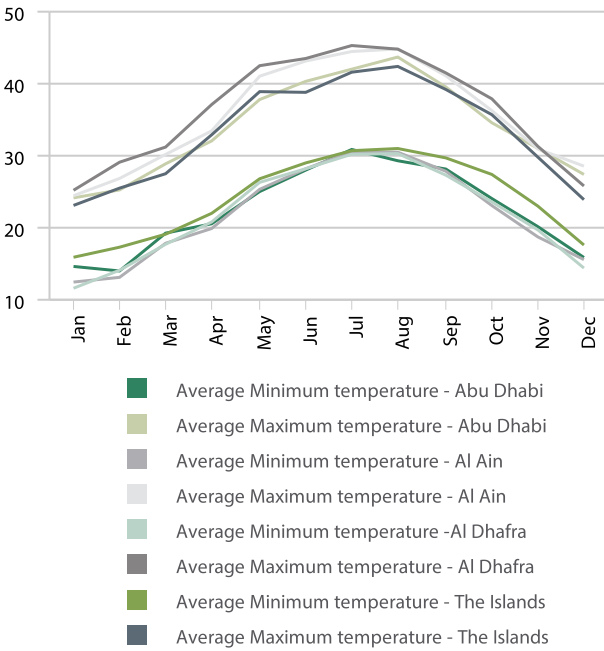
The Emirate of Abu Dhabi is located in the tropical dry region. The Tropic of Cancer runs through the southern part of the Emirate, giving its climate an arid nature characterized by high temperatures throughout the year, and a very hot summer.

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.

Figure 6.2.2 Average maximum and minimum air temperature by month and region, 2016



Source: Statistics Centre- Abu Dhabi

6.2.2 Air Temperature by Month - Abu Dhabi , 2016

(Degree Celsius)

Month	Absolute minimum	Average minimum	Absolute maximum	Average maximum
January	7.3	14.6	31.5	24.2
February	5.0	14.0	35.2	25.3
March	9.4	19.3	38.1	28.9
April	10.5	20.5	43.4	32.0
May	16.4	25.0	45.8	37.8
June	19.0	28.0	49.0	40.3
July	24.9	30.9	49.3	42.0
August	22.9	29.3	48.9	43.7
September	22.4	28.2	47.4	39.6
October	16.2	24.0	40.7	34.6
November	11.9	20.2	36.0	31.0
December	7.6	15.9	33.8	27.4

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

6.2.3 Air Temperature by Month - Al Ain, 2016

(Degree Celsius)

Month	Absolute minimum	Average minimum	Absolute maximum	Average maximum
January	3.9	12.5	31.8	24.4
February	7.0	13.1	36.0	26.8
March	9.8	17.8	39.0	30.2
April	9.8	19.9	43.5	33.4
May	18.2	25.3	47.6	41.0
June	22.0	28.2	49.3	43.1
July	23.5	30.6	50.7	44.5
August	20.4	30.5	48.9	44.8
September	19.5	27.8	48.2	41.1
October	18.6	23.1	44.1	36.3
November	13.7	18.7	36.6	30.9
December	8.9	15.6	37.0	28.6

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

6.2.4 Air Temperature by Month - Al Dhafra , 2016

(Degree Celsius)

Month	Absolute minimum	Average minimum	Absolute maximum	Average maximum
January	5.3	12.4	31.5	24.5
February	5.0	12.7	37.1	26.3
March	9.4	18.5	39.8	30.8
April	9.9	20.3	44.6	34.4
May	16.3	24.9	47.6	41.4
June	19.0	27.0	48.6	42.8
July	25.3	30.3	49.6	44.3
August	23.8	30.1	49.7	44.9
September	22.1	27.4	48.6	41.3
October	15.2	22.0	42.5	36.3
November	12.3	18.5	36.9	31.1
December	7.3	16.4	35.1	27.7

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

6.2.5 Air Temperature by Month - The Islands, 2016

(Degree Celsius)

Month	Absolute minimum	Average minimum	Absolute maximum	Average maximum
January	11.3	15.8	29.7	22.1
February	10.0	15.7	32.1	23.2
March	13.7	19.6	39.0	27.1
April	15.2	21.8	39.5	31.1
May	21.2	26.8	44.2	37.3
June	24.0	28.3	45.7	38.7
July	26.8	31.4	48.0	41.0
August	27.5	31.2	48.1	41.6
September	25.5	30.0	45.2	38.1
October	21.8	25.7	38.3	33.4
November	16.9	22.6	35.8	29.6
December	12.7	18.6	31.7	25.2

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

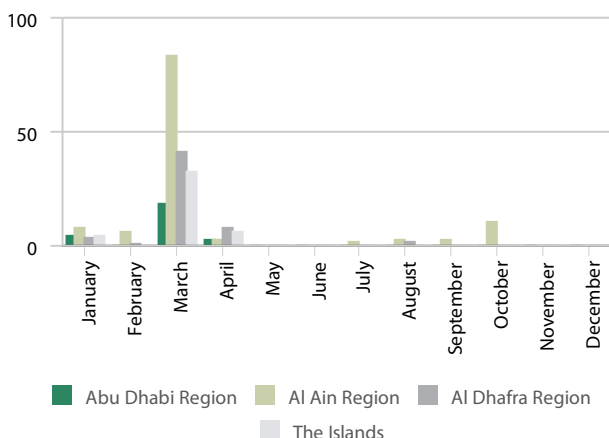
6.2.6 Average Rainfall by Month and Region, 2016

(Millimetres)

Month	Abu Dhabi	Al Ain	Al Dhafra	The Islands
January	4.0	7.7	4.0	4.3
February	0.2	5.7	1.2	0.3
March	18.3	83.7	41.4	32.1
April	2.7	2.5	7.9	6.4
May	0.0	0.0	0.0	0.0
June	0.0	0.0	0.0	0.0
July	0.0	1.9	0.0	0.0
August	0.0	2.8	1.6	0.0
September	0.0	2.4	0.4	0.0
October	0.0	10.6	0.4	0.0
November	0.0	0.3	0.0	0.0
December	0.0	0.0	0.0	0.0

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

Figure 6.2.3 Average Rainfall by Month and Region, 2016



Source: Statistics Centre- Abu Dhabi.

6.2.7 Rainfall in Abu Dhabi and Al Ain by Month, 2016

(Millimetres)

Month	Abu Dhabi		Al Ain	
	Heaviest fall in one day	Total for month	Heaviest fall in one day	Total for month
January	3.0	15.8	3.0	69.7
February	4.0	0.9	4.0	51.7
March	10.0	73.1	11.0	753.2
April	6.0	10.7	6.0	22.6
May	0.0	0.0	0.0	0.0
June	0.0	0.0	1.0	0.2
July	0.0	0.0	2.0	17.1
August	1.0	0.0	3.0	25.6
September	0.0	0.0	1.0	21.4
October	0.0	0.0	3.0	95.7
November	0.0	0.0	1.0	3.1
December	0.0	0.0	0.0	0.0

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

6.2.8 Rainfall in Al Dhafra and The Islands by Month, 2016

(Millimetres)

Month	Al Dhafra		The Islands	
	Heaviest fall in one day	Total for month	Heaviest fall in one day	Total for month
January	3.0	23.7	3.0	13.0
February	3.0	7.0	3.0	0.8
March	9.0	248.5	6.0	96.4
April	2.0	47.4	6.0	19.2
May	0.0	0.0	0.0	0.0
June	0.0	0.0	0.0	0.0
July	0.0	0.0	0.0	0.0
August	2.0	9.8	0.0	0.0
September	1.0	2.2	0.0	0.0
October	1.0	2.2	0.0	0.0
November	0.0	0.0	0.0	0.0
December	0.0	0.0	0.0	0.0

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

6.2.9 Average Atmospheric Pressure by Month and Region, 2016

(Hectopascal)

Month	Abu Dhabi	Al Ain	Al Dhafra	The Islands
January	1018.9	1019.3	1018.4	1020.1
February	1018.7	1018.8	1018.0	1019.8
March	1013.9	1014.4	1013.2	1014.7
April	1011.5	1011.9	1010.8	1012.3
May	1005.7	1006.1	1005.2	1006.6
June	1001.1	1002.3	1000.9	1002.2
July	997.5	998.1	997.2	998.3
August	999.8	1000.5	999.2	1000.4
September	1004.4	1005.1	1003.9	1005.2
October	1011.0	1011.5	1010.5	1012.0
November	1016.3	1016.9	1015.7	1018.9
December	1018.4	1018.8	1017.7	1019.5

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

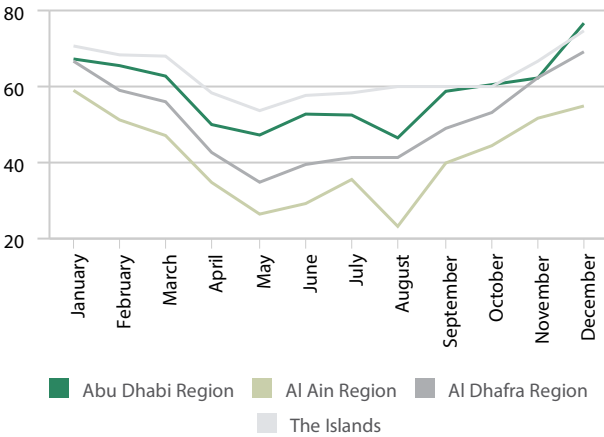
6.2.10 Average Relative Humidity by Month and Region, 2016

(%)

Month	Abu Dhabi	Al Ain	Al Dhafra	The Islands
January	67.3	59.0	66.7	70.7
February	65.5	51.2	59.0	68.3
March	62.8	47.1	56.0	68.0
April	50.0	34.8	42.7	58.3
May	47.3	26.4	34.8	53.7
June	52.8	29.2	39.5	57.7
July	52.5	35.6	41.3	58.3
August	46.5	23.2	41.3	60.0
September	58.8	39.9	49.0	60.0
October	60.5	44.4	53.2	60.0
November	62.3	51.7	62.3	66.7
December	76.7	54.9	69.1	74.7

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

Figure 6.2.4 Average Relative Humidity by Month and Region, 2016



Source: Statistics Centre- Abu Dhabi.

6.2.11 Relative Humidity by Month - Abu Dhabi, 2016

(%)

Month	Monthly average	Average minimum	Average maximum
January	67.3	44.5	84.8
February	65.5	40.0	86.8
March	62.8	38.0	85.3
April	50.0	26.3	73.3
May	47.3	23.8	71.5
June	52.8	24.8	79.3
July	52.5	27.5	84.5
August	46.5	16.5	74.5
September	58.8	29.5	83.3
October	60.5	35.8	82.5
November	62.3	36.5	82.8
December	76.7	48.7	92.7

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

6.2.12 Relative Humidity by Month - Al Ain, 2016

(%)

Month	Monthly Average	Average Minimum	Average Maximum
January	59.0	31.4	85.2
February	51.2	23.1	81.7
March	46.6	23.4	75.8
April	34.8	17.0	58.1
May	26.4	10.3	50.3
June	30.0	9.6	56.6
July	35.6	16.3	70.6
August	23.2	10.3	41.9
September	39.9	17.0	67.2
October	44.9	19.6	74.0
November	51.7	26.1	79.7
December	54.9	27.6	82.1

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

6.2.13 Relative Humidity by Month - Al Dhafra, 2016

(%)

Month	Monthly Average	Average Minimum	Average Maximum
January	59.7	37.3	78.5
February	59.0	31.3	86.3
March	56.0	31.3	82.7
April	42.7	23.2	68.0
May	34.8	16.5	60.8
June	39.5	17.5	68.3
July	41.3	21.5	89.2
August	41.3	18.3	67.2
September	49.0	25.0	75.5
October	53.2	25.8	81.8
November	62.3	37.3	87.3
December	69.1	44.1	89.1

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

6.2.14 Relative Humidity by Month - The Islands, 2016

(%)

Month	Monthly Average	Average Minimum	Average Maximum
January	70.7	51.7	84.3
February	68.3	44.3	86.0
March	68.0	44.0	86.3
April	58.3	28.7	82.0
May	53.7	24.7	80.3
June	57.7	27.0	82.0
July	58.3	30.3	83.3
August	60.0	27.3	82.7
September	60.0	36.7	78.0
October	60.0	38.0	78.0
November	66.7	47.3	80.7
December	74.7	57.7	86.7

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

6.2.15 Average Wind Speed by Month and Region, 2016

(Knot)

Month	Abu Dhabi	AL Ain	Al Dhafra	The Islands
January	11.5	9.8	12.5	17.3
February	11.0	11.8	11.8	15.7
March	12.8	12.1	13.7	16.7
April	13.5	12.3	13.7	14.7
May	12.5	11.7	13.2	15.3
June	14.0	10.8	13.7	16.0
July	14.3	11.3	14.2	15.7
August	12.8	11.3	11.5	13.7
September	12.3	11.0	11.3	14.3
October	11.0	9.9	10.2	12.7
November	10.8	8.9	10.5	14.3
December	10.0	10.0	11.7	15.7

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

* Knot = 1.15 mph

6.2.16 Wind Speed by Month - Abu Dhabi, 2016

(Knot)

Month	Average	Absolute Maximum	Average Maximum
January	11.5	47.0	23.0
February	11.0	36.0	23.0
March	12.8	63.0	28.5
April	13.5	44.0	16.0
May	12.5	44.0	16.0
June	14.0	44.0	16.0
July	14.3	39.0	27.5
August	12.8	42.0	28.0
September	12.3	36.0	24.8
October	11.0	35.0	22.8
November	10.8	45.0	22.3
December	10.0	35.0	20.7

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

* Knot = 1.15 mph

6.2.17 Wind Speed by Month - Al Ain, 2016

(Knot)

Month	Average	Absolute Maximum	Average Maximum
January	9.8	72.0	21.9
February	11.8	63.0	22.9
March	12.1	44.0	16.8
April	12.3	44.0	15.2
May	11.7	44.0	16.8
June	10.8	67.0	21.8
July	11.3	105.0	27.7
August	11.3	77.0	28.1
September	11.0	53.0	25.4
October	9.9	60.0	25.4
November	8.9	44.0	20.4
December	10.0	60.0	22.6

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

* Knot = 1.15 mph

6.2.18 Wind Speed by Month -Al Dhafra, 2016

(Knot)

Month	Average	Absolute Maximum	Average Maximum
January	12.5	54.0	24.8
February	11.8	48.0	25.0
March	13.7	44.0	16.0
April	13.7	44.0	16.0
May	13.2	44.0	16.0
June	13.7	66.0	30.2
July	14.2	54.0	29.8
August	11.5	71.0	27.8
September	11.3	44.0	26.0
October	10.2	36.0	23.8
November	10.5	57.0	22.7
December	11.7	47.0	23.3

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

* Knot = 1.15 mph

6.2.19 Wind Speed by Month - The Islands, 2016

(Knot)

Month	Average	Absolute Maximum	Average Maximum
January	17.3	54.0	28.3
February	15.7	50.0	29.0
March	16.7	44.0	18.3
April	14.7	44.0	13.7
May	15.3	44.0	18.3
June	16.0	53.0	29.7
July	15.7	48.0	28.0
August	13.7	39.0	27.3
September	14.3	43.0	26.3
October	12.7	36.0	23.0
November	14.3	46.0	25.3
December	15.7	42.0	26.3

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

* Knot = 1.15 mph

6.2.20 Average Daily Sunshine in Abu Dhabi and Al Ain by Month, 2016

(Hours)

Month	Abu Dhabi	Al Ain
January	8.0	9.0
February	8.0	9.0
March	8.0	9.0
April	8.9	10.5
May	11.0	12.0
June	11.2	11.6
July	8.0	10.0
August	10.0	11.0
September	10.4	10.5
October	10.0	10.0
November	9.2	9.2
December	9.0	9.0

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

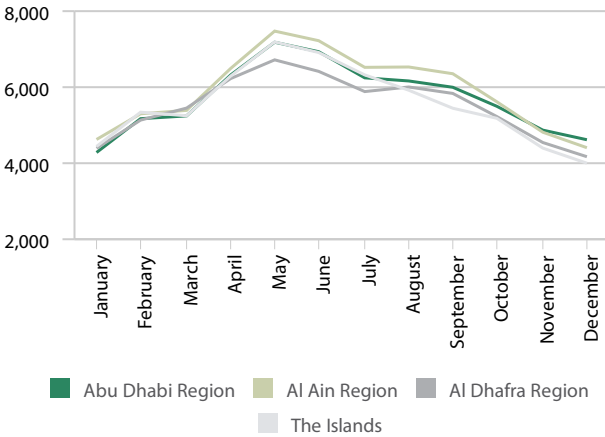
6.2.21 Average Daily Total Solar Radiation by Month and Region, 2016

(Watt /m²/h)

Month	Abu Dhabi	Al Ain	Al Dhafra	The Islands
January	4281.8	4624.6	4393.0	4440.7
February	5171.3	5299.9	5133.5	5341.7
March	5244.5	5389.8	5450.2	5248.3
April	6320.3	6492.4	6225.8	6292.0
May	7182.3	7475.3	6718.7	7189.7
June	6933.3	7222.4	6415.7	6911.7
July	6245.8	6521.8	5884.5	6323.7
August	6163.5	6531.0	6005.0	5919.7
September	5997.5	6353.7	5835.5	5446.0
October	5497.3	5616.0	5227.5	5181.3
November	4870.0	4814.7	4543.8	4397.0
December	4617.7	4407.8	4171.1	4000.3

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

Figure 6.2.5 Average Daily Total Solar Radiation by Month and Region, 2016



Source: Statistics Centre- Abu Dhabi.

6.2.22 Daily Total Solar Radiation by Month - Abu Dhabi, 2016

(Watt /m²/h)

Month	Average	Minimum	Maximum
January	4281.8	819.0	5236.0
February	5171.3	2477.0	6467.0
March	5244.5	360.0	7340.0
April	6320.3	1074.0	8030.0
May	7182.3	4202.0	8260.0
June	6933.3	5207.0	8520.0
July	6245.8	4523.0	7950.0
August	6163.5	3364.0	9560.0
September	5997.5	4447.0	9060.0
October	5497.3	4018.0	7930.0
November	4870.0	3556.0	6630.0
December	4617.7	2574.0	5780.0

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

6.2.23 Daily Total Solar Radiation by Month - Al Ain, 2016

(Watt /m²/h)

Month	Average	Minimum	Maximum
January	4624.6	854.0	6038.0
February	5299.9	736.0	6434.0
March	5389.8	374.0	7716.0
April	6492.4	2598.0	8266.0
May	7475.3	4735.0	8969.0
June	7222.4	4918.0	8731.0
July	6521.8	4704.0	8294.0
August	6531.0	4121.0	8078.0
September	6353.7	5269.0	7698.0
October	5616.0	3829.0	6885.0
November	4814.7	3784.0	5762.0
December	4407.8	3539.0	5197.0

Source: The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

6.2.24 Daily Total Solar Radiation by Month -Al Dhafra, 2016

(Watt /m²/h)

Month	Average	Minimum	Maximum
January	4393.0	1308.0	5590.0
February	5133.5	2138.0	6457.0
March	5450.2	955.0	7640.0
April	6225.8	848.0	7934.0
May	6718.7	4583.0	8295.0
June	6415.7	4641.0	8096.0
July	5884.5	4111.0	7774.0
August	6005.0	3738.0	7509.0
September	5835.5	4537.0	7131.0
October	5227.5	3854.0	6404.0
November	4543.8	2691.0	5360.0
December	4171.1	3263.0	4959.0

Source:The National Center of Meteorology and Seismology, Statistics Centre- Abu Dhabi.

6.2.25 Daily Total Solar Radiation by Month - The Islands, 2016

(Watt /m²/h)

Month	Average	Minimum	Maximum
January	4440.7	1205.0	5623.0
February	5341.7	2342.0	6607.0
March	5248.3	1016.0	7563.0
April	6292.0	1201.0	8122.0
May	7189.7	4476.0	8190.0
June	6911.7	5340.0	8082.0
July	6323.7	5291.0	7565.0
August	5919.7	4472.0	6713.0
September	5446.0	4660.0	5973.0
October	5181.3	3917.0	6347.0
November	4397.0	2410.0	5526.0
December	4000.3	2576.0	4994.0

Source:The National Center of Meteorology and Seismology, 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 (PM₁₀), 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 2016, annual average concentration of PM₁₀ ranged between 90.8 and 155 mcg/m³ in the urban areas of the Emirate while annual average concentration of sulphur dioxide ranged between 6.4 and 15.4 mcg/m³, which is below the national maximum allowable limit (60 mcg/m³).

6.2.26 Annual Average of Air Pollution Indicators in Urban Areas by Region and Station, 2016

(Microgram/m³)

Indicator (maximum allowable limit)	Sulphur dioxide (60 mcg/m)	Nitrogen dioxide	Ground level ozone	Particulate matter - PM ₁₀
Abu Dhabi Region				
Khalifa School	11.2	27.8	91.2	127.1
Baniyas School	9.4	32.2	70.9	130.0
Khalifa City	10.4	28.2	93.3	155.9
Al Maqta	10.8	38.7	80.7	136.4
Al Ain Region				
Al Ain School	6.4	32.4	65.0	111.7
Suweihan	8.1	13.2	90.2	90.8
Zakher	8.1	35.2	-	94.0
Al Tawia	6.4	33.4	92.7	100.1
Al Dhafra Region				
Bida Zayed	15.4	14.0	95.9	128.7

Source: Environment Agency - Abu Dhabi.

6.2.27 Annual Average of Sulphur Dioxide Concentration in Ambient Air by Region *

(Microgram/m³)

Station location	2013	2014	2015	2016
Abu Dhabi Region				
City centre - Khadija School	10.6	9.1	8.0	13.6
Urban/ residential - Khalifa School	5.7	5.6	8.7	11.2
Road side - Hamdan Street	4.7	5.0	9.4	13.4
Urban/ residential - Baniyas School	2.7	5.4	7.3	9.4
Industrial - Mussafah	5.4	7.5	11.6	12.4
Industrial - Al Mafrag	5.3	2.4	5.9	10.0
Urban/ residential - Khalifa City	6.7	9.2	10.0	10.4
Urban/ residential - Al Maqta	5.1	4.2	8.1	10.8
Al Ain Region				
Urban/ residential - Al Ain School	8.0	7.7	6.4	6.4
Road side - Al Ain Street	9.1	8.7	4.9	5.4
Regional background - Al Qua'a	13.1	4.3	4.5	5.6
Urban/ residential - Suweihan	5.9	4.1	6.4	8.1
City centre - Zakher	5.5	4.3	8.9	8.1
Urban/ residential - Al Tawia	9.9	6.4	5.8	6.4
Al Dhafra Region				
Urban/ residential - Bida Zayed	10.2	15.2	15.1	15.4
Road side - E11 Road	13.0	11.4	-	-
Industrial - Ruwais	19.2	17.6	15.6	20.2
City centre - Gayathi School	4.9	10.2	11.2	12.9
Regional background - Liwa Oasis	3.2	6.5	14.1	10.2
Regional background / Industrial - Habshan	8.2	11.1	17.0	17.7

Source: Environment Agency - Abu Dhabi.

* The annual maximum allowable limit for sulphur dioxide average concentration is 60 mcg/m³

Note: Historical data has been modified from data source .

6.2.28 Annual Average of Nitrogen Dioxide Concentration in Ambient Air by Region

(Microgram/m³)

Station location	2013	2014	2015	2016
Abu Dhabi Region				
City centre - Khadija School	34.7	28.8	35.7	30.8
Urban/ residential - Khalifa School	32.1	27.8	28.3	27.8
Road side - Hamdan Street	56.7	47.7	49.9	50.1
Urban/ residential - Baniyas School	31.3	32.5	30.7	32.2
Industrial - Mussafah	49.3	53.3	49.8	52.4
Industrial - Al Mafrag	41.2	49.8	47.7	45.8
Urban/ residential - Khalifa City	25.6	34.7	25.4	28.2
Urban/ residential - Al Maqta	31.0	42.0	36.9	38.7
Al Ain Region				
Urban/ residential - Al Ain School	29.3	36.3	34.3	32.4
Road side - Al Ain Street	42.0	52.0	42.0	42.7
Regional background - Al Qua'a	3.8	6.5	4.9	4.5
Urban/ residential - Suweihan	10.1	15.1	13.8	13.2
City centre - Zakher	29.0	28.4	31.5	35.2
Urban/ residential - Al Tawia	18.4	20.5	25.2	33.4
Al Dhafra Region				
Urban/ residential - Bida Zayed	19.8	17.0	16.5	14.0
Road side - E11 Road	17.9	26.4	-	-
Industrial - Ruwais	21.2	28.7	25.6	24.8
City centre - Gayathi School	12.7	16.8	15.6	14.9
Regional background - Liwa Oasis	2.7	4.6	3.8	4.1
Regional background / Industrial - Habshan	12.8	17.2	13.8	13.1

Source: Environment Agency - Abu Dhabi.

Note: Historical data has been modified from data source.

6.2.29 Annual Average of Ground Level Ozone Concentration in Ambient Air by Region

(Microgram/m³)

Station location	2013	2014	2015	2016
Abu Dhabi Region				
City centre - Khadija School	96.4	89.2	88.9	79.9
Urban/ residential - Khalifa School	71.1	94.3	99.8	91.2
Urban/ residential - Baniyas School	72.5	103.9	115.4	70.9
Urban/ residential - Khalifa City	116.1	102.6	114.4	93.3
Urban/ residential - Al Maqta	102.2	78.5	101.6	80.7
Al Ain Region				
Urban/ residential - Al Ain School	47.7	74.6	94.5	65.0
Regional background - Al Qua'a	111.3	98.5	117.3	91.7
Urban/ residential - Suweihan	106.2	101.5	118.2	90.2
Urban/ residential - Al Tawia	106.7	102.5	97.5	92.7
Al Dhafra Region				
Urban/ residential - Bida Zayed	68.6	99.7	123.8	95.9
Industrial - Ruwais	101.2	117.7	115.4	91.9
City centre - Gayathi School	78.8	100.5	105.7	91.8
Regional background - Liwa Oasis	75.0	104.1	117.8	106.6
Regional background / Industrial - Habshan	113.1	96.6	106.3	91.9

Source: Environment Agency - Abu Dhabi.

Note: Historical data has been modified from data source.

6.2.30 Annual Average of Particulate Matter (PM₁₀) Concentration in Ambient Air by Region

(Microgram/m³)

Station location	2013	2014	2015	2016
Abu Dhabi Region				
City centre - Khadija School	134.8	92.8	138.3	117.1
Urban/ residential - Khalifa School	136.7	82.5	118.6	127.1
Road side - Hamdan Street	106.6	123.5	171.6	101.0
Urban/ residential - Baniyas School	144.7	67.8	142.4	130.0
Industrial - Mussafah	163.7	142.3	172.1	158.1
Industrial - Al Mafrq	196.7	163.8	174.9	206.9
Urban/ residential - Khalifa City	142.0	83.5	136.1	155.9
Urban/ residential - Al Maqta	124.8	112.6	144.0	136.4
Al Ain Region				
Urban/ residential - Al Ain School	115.0	105.4	124.1	111.7
Road side - Al Ain Street	155.5	97.7	100.8	102.3
Regional background - Al Qua'a	145.8	95.5	138.1	108.9
Urban/ residential - Suweihan	135.7	92.8	132.9	90.8
City centre - Zakher	79.8	94.2	101.9	94.0
Urban/ residential - Al Tawia	130.3	100.6	136.2	100.1
Al Dhafra Region				
Urban/ residential - Bida Zayed	146.2	98.7	134.8	128.7
Road side - E11 Road	104.1	132.4	-	
Industrial - Ruwais	76.8	121.9	139.7	125.6
City centre - Gayathi School	143.9	95.7	115.9	112.4
Regional background - Liwa Oasis	133.3	110.9	168.3	112.8
Regional background / Industrial - Habshan	151.2	106.0	208.1	128.8

Source: Environment Agency - Abu Dhabi.

Note: Historical data has been modified from data source.

6.2.31 Annual Average of Carbon Monoxide Concentration in Ambient Air by Region

(Microgram/m³)

Station location	2013	2014	2015	2016
Abu Dhabi Region				
Road side - Hamdan Street	0.9	1.1	1.8	1.4
Urban/ residential - Al Maqta	0.5	0.7	0.8	0.6
Al Ain Region				
Road side - Al Ain Street	1.2	0.9	1.0	0.6
Regional background - Al Qua'a	0.3	0.3	0.6	0.3
Urban/ residential - Suweihan	0.4	0.5	0.7	0.5
Al Dhafra Region				
Road side - E11 Road	0.4	0.3	-	-
Industrial - Ruwais	0.3	0.3	1.1	0.8

Source: Environment Agency - Abu Dhabi.

Note: Historical data has been modified from data source .

6.2.32 Annual Average of Noise Level by Region

(Decibels)

Station location	2013	2014	2015	2016
Abu Dhabi Region				
City centre - Khadija School	67.5	-	-	-
Urban/ residential - Khalifa School	58.4	42.8	29.1	49.0
Road side - Hamdan Street	68.3	65.7	64.4	58.7
Urban/ residential - Baniyas School	52.0	50.2	44.6	45.5
Industrial - Mussafah	69.0	60.7	54.5	53.4
Industrial - Al Mafrag	60.2	53.0	53.3	50.6
Urban/ residential - Khalifa City	60.1	49.7	45.1	45.8
Urban/ residential - Al Maqta	53.7	49.3	47.5	48.5
Al Ain Region				
Urban/ residential - Al Ain School	55.8	51.5	50.3	50.2
Road side - Al Ain Street	64.1	62.0	61.4	61.3
Regional background - Al Qua'a	54.4	51.5	51.3	47.6
City centre - Zakher	54.9	49.1	51.3	49.2
Urban/ residential - Al Tawia	56.7	51.7	51.7	52.2
Al Dhafra Region				
Urban/ residential - Bida Zayed	53.8	45.5	39.2	-
Road side - E11 Road	65.8	61.1	-	47.8
Industrial - Ruwais	55.6	53.2	51.6	39.1
City centre - Gayathi School	61.3	54.8	51.5	-
Regional background - Liwa Oasis	50.8	45.3	42.8	-
Regional background / Industrial - Habshan	59.7	55.1	54.9	50.9

Source: Environment Agency - Abu Dhabi.

Note: Historical data has been modified from data source.

6.2.33 Sulphur Oxides Emissions - Oil and Gas Sector

(Tons)

Business sector	2013	2014	2015	2016
Total	208,121	322,798	363,692	220,249
Exploration, Development & Production	62,078	57,067	52,977	56,117
Gas Management	130,068	252,776	299,588	154,892
Refining & Petrochemicals	1,191	1,235	1,433	1,327
Sales & Marketing	14,785	11,719	9,694	7,913

Source: Source : Abu Dhabi National Oil Company - ADNOC.

Note: Business sectors had been re-arranged by data source.

6.2.34 Nitrogen Oxides Emissions - Oil and Gas Sector

(Tons)

Business sector	2013	2014	2015	2016
Total	68,380	56,708	54,335	69,716
Exploration, Development & Production	15,242	14,648	10,870	15,898
Gas Management	21,371	24,448	22,089	27,258
Refining & Petrochemicals	8,477	10,304	11,037	12,340
Sales & Marketing	23,290	7,308	10,339	14,220

Source: Abu Dhabi National Oil Company - ADNOC.

Note: Business sectors had been re-arranged by data source.

6.2.35 Volatile Organic Compounds Emissions - Oil and Gas Sector

(Tons)

Business sector	2013	2014	2015	2016
Total	72,024	68,886	64,457	88,491
Exploration, Development & Production	54,634	54,222	52,295	52,225
Gas Management	6,333	5,569	7,531	5,802
Refining & Petrochemicals	1,915	2,189	1,837	1,888
Sales & Marketing	9,142	6,906	2,795	28,577

Source: Abu Dhabi National Oil Company - ADNOC.

Note: Business sectors had been re-arranged by data source.

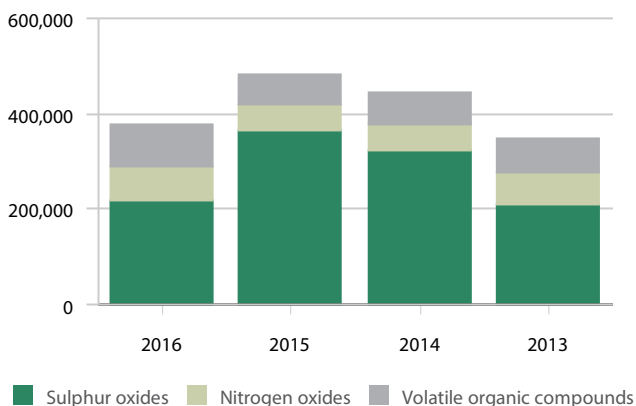
6.2.36 Air Pollutant Total Emissions - Oil and Gas Sector

(Tons)

Pollutant	2013	2014	2015	2016
Total	348,525	448,392	482,485	378,456
Sulphur oxides (SOx)	208,121	322,798	363,692	220,249
Nitrogen oxides (NOx)	68,380	56,708	54,335	69,716
Volatile organic compounds (VOC)	72,024	68,886	64,457	88,491

Source: Abu Dhabi National Oil Company - ADNOC.

Figure 6.2.6 Air Pollutant Total Emissions - Oil and Gas Sector



Source: Statistics Centre- Abu Dhabi.

6.2.37 Per Capita Air Pollutant Total Emissions - Oil and Gas Sector

(Tons)

	2013	2014	2015	2016
Total	0.1	0.2	0.2	0.1
Sulphur dioxide (SO)	0.1	0.1	0.1	0.1
Nitrogen oxides (NOx)	0.0	0.0	0.0	0.0
Volatile organic compounds (VOC)	0.0	0.0	0.0	0.0

Source: Abu Dhabi National Oil Company - ADNOC, Statistics Centre- Abu Dhabi.

6.2.38 Carbon Dioxide Emissions - Oil and Gas Sector

(Million tons)

Business sector	2012	2014	2015	2016
Total	26.6	30.0	33.7	34.1
Exploration, Development & Production	4.4	4.5	4.8	5.3
Gas Management	12.6	14.1	16.3	17.4
Refining & Petrochemicals	7.9	10.1	11.2	9.9
Sales & Marketing	1.7	1.2	1.4	1.4

Source: Abu Dhabi National Oil Company - ADNOC.

Note: Business sectors had been re-arranged by data source.

6.2.39 Per Capita Carbon Dioxide Emissions - Oil and Gas Sector

(Tons)

Business sector	2012	2014	2015	2016
Total	12.2	11.3	12.1	11.7
Exploration, Development & Production	1.9	1.7	1.7	1.8
Gas Management	5.8	5.3	5.9	6.0
Refining & Petrochemicals	3.7	3.8	4.0	3.4
Sales & Marketing	0.8	0.5	0.5	0.5

Source: Abu Dhabi National Oil Company - ADNOC, Statistics Centre- Abu Dhabi.

Note: Business sectors had been re-arranged by data source.

6.2.40 Sulphur Dioxide Emissions - Water and Electricity Production Sector

(Tons)

Source	2013	2014	2015	2016
Total	1,274.1	1,150.0	1,910.4	1,884.8
Arabian Power Company	430.5	401.2	399.7	412.0
Shuweihat CMS International Power Company	245.0	268.0	218.0	243.0
Emirates CMS Power Company	76.5	54.8	78.8	27.2
Gulf Total Tractebel Power Company	20.7	23.1	27.1	28.2
Taweelah Asia Power Company	265.0	237.0	641.3	623.5
Al Mirfa Power and Distillation Plant	61.2	21.2	14.3	0.0
Madinat Zayed Power Plant	-	-	-	-
Ruwais Power Company	175.2	144.7	127.4	145.6
Shuweihat Asia Power Company	-	-	403.8	405.3

Source: Abu Dhabi Water and Electricity Authority - ADWEA.

6.2.41 Nitrogen Oxides Emissions - Water and Electricity Production Sector

(Tons)

Source	2013	2014	2015	2016
Total	13,391	11,035	14,381	16,542.7
Arabian Power Company	3,801	2,921	4,196	4,300.0
Shuweihat CMS International Power Company	2,385	2,098	2,566	2,936.0
Emirates CMS Power Company	547.9	247.5	478.3	465.6
Gulf total Tractebel Power Company	2,333.0	1,868.0	2,215	2,292.8
Taweelah Asia Power Company	2,042	2,319	2,515	3,382.8
Al Mirfa Power and Distillation Plant	634.5	321	270.3	-
Madinat Zayed Power Plant	-	-	-	-
Ruwais Power Company	1,649	1,260	1,242	2,063.5
Shuweihat Asia Power Company	-	-	898.4	1,102.0

Source: Abu Dhabi Water and Electricity Authority - ADWEA.

6.2.42 Volatile Organic Compounds Emissions - Water and Electricity Production Sector

(Tons)

Source	2013	2014	2015	2016
Total	219.8	237.2	248.6	258.8
Gulf Total Tractebel Power Company	190.1	212.1	248.6	258.8
Al Mirfa Power and Distillation Plant	29.7	25	-	0
Madinat Zayed Power Plant	-	-	-	-

Source: Abu Dhabi Water and Electricity Authority - ADWEA.

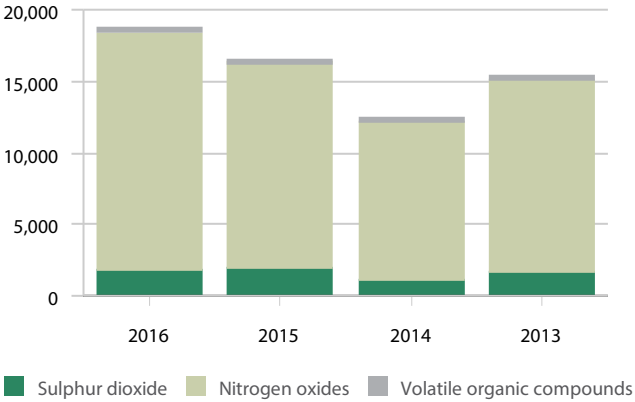
6.2.43 Air Pollutant Total Emissions - Water and Electricity Production Sector

(Tons)

Pollutant	2013	2014	2015	2016
Total	15,357	12,422	16,540	18686.3
Sulphur dioxide (SO ₂)	1,745	1,150	1,910	1884.8
Nitrogen oxides (NO _x)	13,391	11,035	14,381	16542.7
Volatile organic compounds (VOC)	219.8	237.2	248.6	258.8

Source: Abu Dhabi Water and Electricity Authority - ADWEA.

Figure 6.2.7 Air Pollutant Total Emissions - Water and Electricity Production Sector



Source: Statistics Centre - Abu Dhabi.

6.2.44 Carbon Dioxide Emissions - Water and Electricity Production Sector

(Million tons)

Source	2013	2014	2015	2016
Total	29.6	30	35.4	34.6
Arabian Power Company	7.1	6.7	7.5	8.5
Shuweihat CMS International Power Company	4.9	5	5.3	5.4
Emirates CMS Power Company	2.5	2.8	2.8	0.0
Gulf Total Tractebel Power Company	4.1	4.5	5.3	5.9
Taweelah Asia Power Company	7.9	8.3	8.2	8.8
Al Mirfa Power and Distillation Plant	0	0	0	0.0
Madinat Zayed Power Plant	-	-	-	-
Ruwais Power Company	3	2.6	2.8	3.0
Shuweihat Asia Power Company	-	-	3.5	3.0

Source: Abu Dhabi Water and Electricity Authority - ADWEA.

6.2.45 Other Emissions - Water and Electricity Production Sector

(Tons)

Pollutant	2013	2014	2015	2016
Carbon monoxide (CO)	7,375	6,934	7,995	9,681
Lead (Pb)	0	0	0	0.0
Methane (CH)	80	99	104	108
Nitrous oxide (NO)	22	25	29	30

Source: Abu Dhabi Water and Electricity Authority - ADWEA.

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 2016 while Al Gharbia came last in this regard, producing only 4% of the total.

6.2.46 Total Non-Conventional Water Resources by Type

(Million cubic metre)

Type	2013	2014	2015	2016
Total	1,236	1,318	1,325	1,283
Desalinated water consumption	1,083	1,126	1,154	1,116
Treated wastewater reuse	154	192	171	167

Source: Statistics Centre - Abu Dhabi.

6.2.47 Quantity of Treated Wastewater by Region

(Million cubic metre)

Region	2013	2014	2015	2016
Total	283	312.9	332.3	325.9
Abu Dhabi Region	209.4	231.3	251.7	247.1
Al Ain Region	59.1	67.6	67.6	65.3
Al Dhafra Region	14.5	14.0	13.0	13.5

Source: Abu Dhabi Sewerage Services Company.

6.2.48 Quantity of Treated Wastewater Reuse by Region

(Million cubic metre)

Region	2013	2014	2015	2016
Total	153.8	191.7	170.8	166.5
Abu Dhabi Region	86.5	115.6	95.7	91.1
Al Ain Region	58	66	64.6	63.7
Al Dhafra Region	9.3	10.1	10.5	11.7

Source: Abu Dhabi Sewerage Services Company.

6.2.49 Total Wastewater Treatment Plants Capacity by Region

(Million cubic metre)

Region	2013	2014	2015	2016
Total	470.5	466.8	470.5	474.7
Abu Dhabi Region	344.4	369.9	369.9	370.6
Al Ain Region	112.7	81.7	81.7	82.4
Al Dhafra Region	13.4	15.2	18.8	21.7

Source: Abu Dhabi Sewerage Services Company.

6.2.50 Total Conventional Wastewater Treatment Plants Capacity by Region

(Million cubic metre)

Region	2013	2014	2015	2016
Total	469.3	461.6	465.3	469.9
Abu Dhabi Region	343.8	365.4	365.4	366.4
Al Ain Region	112.3	81.3	81.3	82.2
Al Dhafra Region	13.1	14.9	18.6	21.3

Source: Abu Dhabi Sewerage Services Company.

6.2.51 Total Non-Conventional Wastewater Treatment Plants Capacity by Region

(Million cubic metre)

Region	2013	2014	2015	2016
Total	1.2	5.2	5.2	4.8
Abu Dhabi Region	0.6	4.6	4.6	4.2
Al Ain Region	0.4	0.4	0.4	0.2
Al Dhafra Region	0.3	0.3	0.3	0.4

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 2016 a total of 9.5 million tons of waste were in the Emirate of Abu Dhabi, at a rate of 26 thousand tons per day. Construction and demolition waste generated had the highest percentage of waste with 47% from total waste generated in the Emirate of Abu Dhabi, followed by Industrial and commercial waste with a percentage of 28%.

6.2.52 Non-Hazardous Solid Waste Generation by Region and Source Activity, 2016

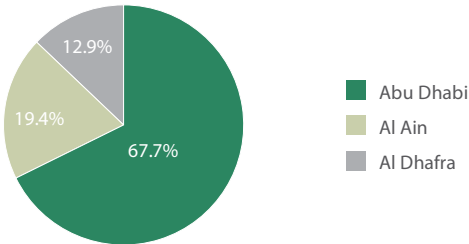
(Tons)

Source	Total	Abu Dhabi	Al Ain	Al Dhafra
Total	9,598,969	6,498,583	1,863,332	1,237,054
Daily average	26,227	17,756	5,091	3,380
Construction and demolition waste	4,532,379	2,524,436	1,116,692	891,251
Industrial and commercial waste	2,692,768	2,675,649	0	17,119
Agriculture waste	745,644	55,495	500,447	189,703
Municipal waste	1,561,680	1,176,505	246,194	138,981
Other*	66,499	66,499	-	-

Source: The Centre of Waste Management - Abu Dhabi, ADNOC.

* Includes sludge and oil and gas sector waste.

Figure 6.2.8 Percentage Distribution of Non-Hazardous Solid Waste Generation by Region, 2016



Source: Statistics Centre - Abu Dhabi.

Health and Safety

Food safety and occupational health and safety are two major areas that receive a great deal of attention from the government of the Emirate of Abu Dhabi. In 2015, there were more than 1800 cases of foodborne illnesses and food poisoning caused by consuming foods or drinks contaminated with bacteria and viruses, comparing to 2014, percentage of illnesses caused by food poisoning and foodborne decreased upto 98% from year 2014.

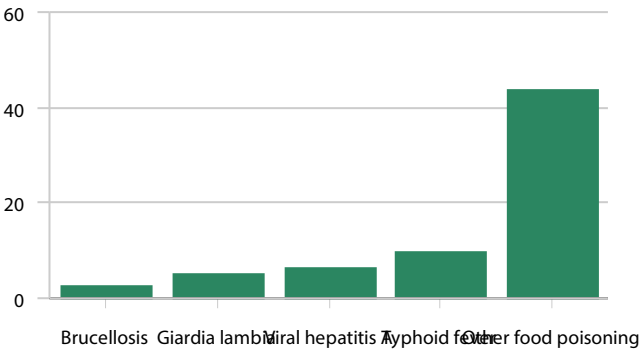
Food poisoning cases reached the highest percentage of 43% followed with 9.7% cases of Typhoid fever.

6.2.53 Number of Food Poisoning and Foodborne Illnesses by Type

Type	2012	2013	2014	2015
Total	2,107	1,949	955	1895
Other food poisoning	1,147	1,237	360	1233
Typhoid fever	443	248	222	275
Viral hepatitis A	279	271	224	173
Giardia lamblia	103	94	100	139
Brucellosis	135	99	49	75

Source: Health Authority - Abu Dhabi.

Figure 6.2.9 Rate of food poisoning cases per 100,000 person by Type - 2015



Source: Statistics Centre - 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 1,104,827 thousand barrels in 2016, an increase of 3.4% compared with 2015, While the decrease of annual production of natural gas by 0.2% to 2,727,711 million cubic feet in 2016. The annual production of refined petroleum products totaled 40,722 thousand metric tons over the same period.

6.3.1 Crude Oil Production and Exports

(Thousand Barrels)

Item	2010	2014	2015	2016
Production				
Volume	825,291	1,002,179	1,068,575	1,104,827
Daily average	2,261	2,746	2,928	3,027
Exports				
Volume	744,525	808,131	892,230	885,474
Daily average	2,040	2,214	2,444	2,426
Total number of production oil wells	1,962	2,491	2,624	2,748

Source: Abu Dhabi National Oil Company - ADNOC

Note: Production excludes condensates

6.3.2 Crude Oil Prices by Type

(\$/Barrel)

Type of Crude	2010	2014	2015	2016
Murban	79.2	99.3	52.9	44.41
Umm Al-Shaif	78.7	108.6	-	-
Lower Zakum	79	109.2	-	-
Upper Zakum	77.3	96.9	49.6	41.08
Price Average*	78.5	103.5	50.4	42.74

Source: Abu Dhabi National Oil Company - ADNOC

Note: * Price Average includes other prices of Crude Oil

6.3.3 Natural Gas Production

(Million cubic feet)

Item	2010	2014	2015	2016
Production				
Annual production	2,174,057	2,799,202	2,733,804	2,727,711
Daily production	5,956	7,669	7,490	7,473

Source: Abu Dhabi National Oil Company - ADNOC

6.3.4 Production and Exports of Liquefied Natural Gas Products

(Thousand Metric Tons)

Type of Products	2015		2016	
	Production	Exports	Production	Exports
Total	24,981	22,984	26,835	26,733
LNG	5,929	5,728	5,996	5,929
Propane	5,621	4,880	5,947	5,769
Butane	5,025	4,426	5,076	4,828
Pentane (plus)	3,808	3,332	3,860	4,106
Others (sulpher)	4,597	4,617	5,957	6,101

Source: Abu Dhabi National Oil Company - ADNOC

Note: Excluding condensates

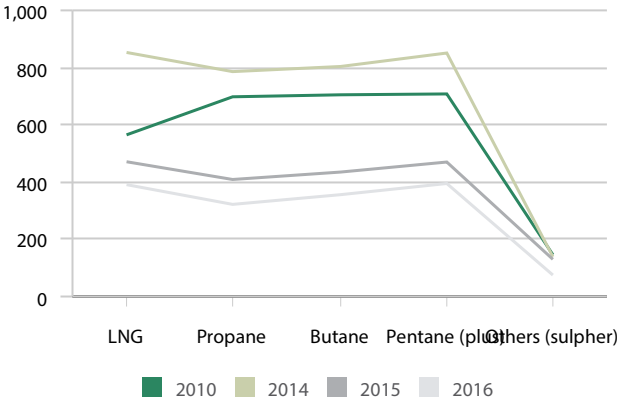
6.3.5 Prices of Liquefied Natural Gas Products

(\$/Metric Ton)

Type of Product	2010	2014	2015	2016
LNG	565	853	471	391
Propane	698	786	409	322
Butane	705	804	435	356
Pentane (plus)	708	851	470	395
Others (sulpher)	146	139	130	75

Source: Abu Dhabi National Oil Company - ADNOC

Figure 6.3.1 Prices of Liquefied Natural Gas Products



Source: Abu Dhabi National Oil Company - ADNOC

6.3.6 Production and Domestic Sales of Refined Petroleum Products

(Thousand Metric Tons)

	2010	2014	2015	2016
Production				
Quantity	19,223	21,657	32,522	40,722
Daily Average	52.66	59.33	89.1	111.56
Domestic sales				
Quantity	10,091	10,653	13,376	21,664
Daily average	27.65	29.18	36.65	59.35
Exports				
Quantity	8,288	8,658	19,039	22,012
Daily average	22.7	23.72	52.16	60.31
Crude Oil & Condensates Input (Thousand Barrels/ daily)	427	449	640	640
Refining capacity (Thousand Barrels/ daily)	505	505	920	920

Source: Abu Dhabi National Oil Company - ADNOC

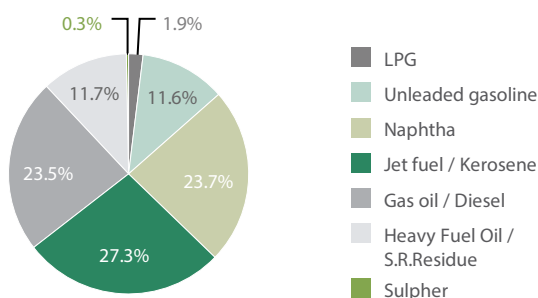
6.3.7 Production of Refined Petroleum Products

(Thousand Metric Tons)

Type of Product	2010	2014	2015	2016
Total	19,223	21,657	32,522	40,488
LPG	579.2	618	785	785
Unleaded gasoline	2,284	2,371	3,589	4,678
Naphtha	4,813	5,048	8,619	9,609
Jet fuel / Kerosene	5,684	6,162	9,810	11,044
Gas oil / Diesel	4,775	4,482	7,711	9,517
Heavy Fuel Oil / S.R.Residue	1,048	2,927	1,917	4,732
Sulpher	38.9	49	91	124

Source: Abu Dhabi National Oil Company - ADNOC

Figure 6.3.2 Production of Refined Petroleum Products, 2016



Source: Abu Dhabi National Oil Company - ADNOC

6.3.8 Domestic Sales of Refined Petroleum Products

(Thousand Metric Tons)

Type of Product	2015		2016	
	Abu Dhabi Emirate	Other Emirates	Abu Dhabi Emirate	Other Emirates
Total	9,312	4,063	9,764	6,638
LPG	214	-	215	-
Unleaded gasoline	3,652	-	4,258	138
Jet fuel / Kerosene	3,003	1,233	3,149	1,660
Gas oil / Diesel	2,430	1,119	2,142	2,884
Heavy fuel Oil / S.R.Residue	13	1,711	-	1,957

Source: Abu Dhabi National Oil Company - ADNOC

6.3.9 Export of Refined Petroleum Products

(Thousand Metric Ton)

Type of Product	2010	2014	2015	2016
Total	8,288	8,658	19,039	21,822
Unleaded Gasoline	-	-	6	12
Naphtha	4,269	4,850	7,864	9,631
Jet fuel / Kerosene	3,219	2,523	5,421	6,148
Gas oil / Diesel	679	713	3,704	4,529
Heavy fuel Oil / S.R.Residue	121	572	2,044	1,502

Source: Abu Dhabi National Oil Company - ADNOC

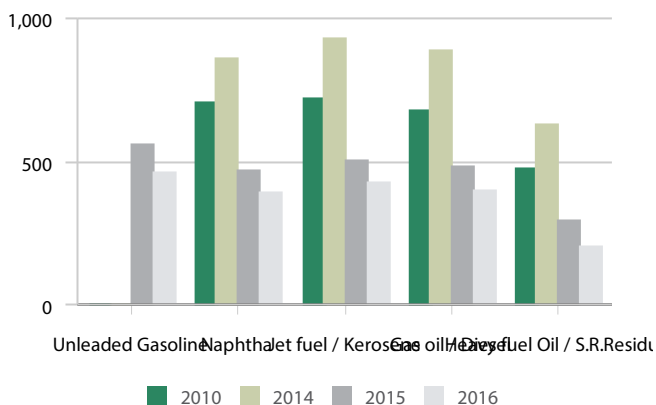
6.3.10 Export Prices of Refined Petroleum Products

(\$/Metric Ton)

Type of Product	2010	2014	2015	2016
Unleaded Gasoline	-	-	557	461
Naphtha	707	862	468	390
Jet fuel / Kerosene	720	933	505	424
Gas oil / Diesel	676	889	482	400
Heavy fuel Oil / S.R.Residue	474	632	292	202

Source: Abu Dhabi National Oil Company - ADNOC

Figure 6.3.3 Export Prices of Refined Petroleum Products



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.

The electricity and water activity recorded strong growth since the establishment of the Abu Dhabi Water and Electricity Authority (ADWEA) in March 1998. ADWEA is a public supervisory body responsible for implementing government policy regarding the electricity and water sector in the Emirate.

As a result of the growing demand and urban and industrial development witnessed by the Emirate, electricity production by companies in 2016 increased by 2.3 % compared with 2015, reaching 68,138,363 GW/h. Also, the electricity consumption in the emirate of Abu Dhabi in 2016 increased by 6.1 % reaching 66,810,821 GW/h. The Desalinated water available in the Emirate of Abu Dhabi totaled 270,241 million imperial gallons in 2016, an increase of 5.04% compared with 2015.

6.3.11 Electrical Power Statistics

(MWH)

Item	2010	2014	2015	2016
Total electricity production by companies	41,712,189	58,342,545	66,626,469	68,183,363
Electricity transferred from Emal & Takreer	146,594	11,802	-4,378,464	-7,747,290
Total	41,858,783	58,354,347	62,248,005	60,436,073
Electricity exports from the Emirate of Abu Dhabi	2,685,643	5,513,310	-731,065	-6,374,748
Electricity consumption in the Emirate of Abu Dhabi*	39,173,140	52,841,037	62,979,070	66,810,821
Electricity consumption per capita	19.9	19.89	22.62	22.97
Electricity generation capacity (MW)	9,247	12,571	12,571	15,220

Source: Abu Dhabi Water and Electricity Company (ADWEC)

* Consumption include internal electrical consumption by power stations & technical losses through the network

6.3.12 Consumption of Electricity by Region

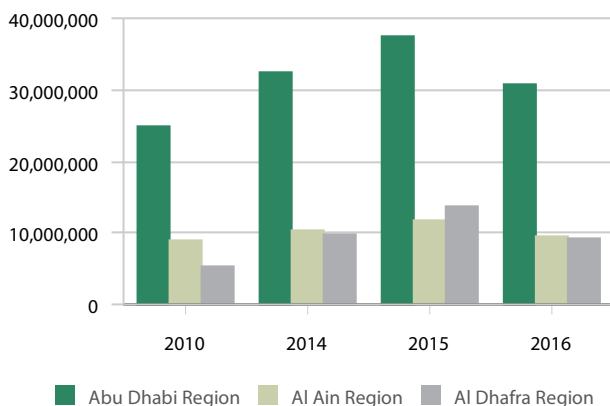
(MWH)

Region	2010	2014	2015	2016
Total consumption*	39,173,140	52,841,037	62,979,070	66,810,821
Abu Dhabi Region	24,850,010	32,575,456	37,345,510	39,154,003
Al Ain Region	9,081,380	10,390,745	11,802,149	12,051,168
Al Dhafra Region	5,241,750	9,874,836	13,831,411	15,605,650

Source: Abu Dhabi Water and Electricity Company (ADWEC)

* Consumption include internal electricity consumption by power stations & technical losses through the network

Figure 6.3.4 Consumption of Electricity by Region



Source: Abu Dhabi Water and Electricity Company (ADWEC)

6.3.13 Percentage of Electricity Consumption by Sector

(%)

Sector	2010	2014	2015	2016
Total	100	100	100	100
Domestic	35.9	29.4	26.9	25.6
Commercial	32.1	30.2	48.2	52.1
Government	16.1	24.7	9.3	6.6
Agriculture	8.2	5.4	5.7	5.7
Industry	7.2	10	9.7	9.8
Other	0.6	0.4	0.3	0.1

Source: Abu Dhabi Distribution Company, Al Ain Distribution Company

6.3.14 Percentage of the Electricity Consumption by Region and Sector, 2016

(%)

Sector	Abu Dhabi	Al Ain	Al Dhafra	Total
Domestic	63.2	29.4	7.4	100
Commercial	65.3	9.4	25.3	100
Government	68	24.5	7.5	100
Agriculture	11.7	63.1	25.2	100
Industry	69.7	14.7	15.6	100
Other	33.9	60.1	6	100

Source: Abu Dhabi Distribution Company, Al Ain Distribution Company

6.3.15 Fuel Consumption of the Electricity and Water Activity

Item	2010	2014	2015	2016
Natural gas (Mscft)	450,850	618,009	676,155	803,201
Crude oil (Thousand Imperial Gallons)	134,935	6	6,056	677
Gas oil (Thousand Imperial Gallons)	81,202	6,708	6,873	1,654
Fuel oil (Thousand Imperial Gallons)	25	-	-	-

Source: Abu Dhabi Water and Electricity Company (ADWEC)

6.3.16 Fuel Consumption of the Electricity and Water Activity

(Billion BTU)

Item	2010	2014	2015	2016
Total	502,487	634,974	691,471	813,083
Natural gas	467,126	633,862	689,368	812,699
Crude oil	21,918	0.9	984	110
Gas oil	13,439	1,110	1,119	274
Fuel oil	4	-	-	-

Source: Abu Dhabi Water and Electricity Company (ADWEC)

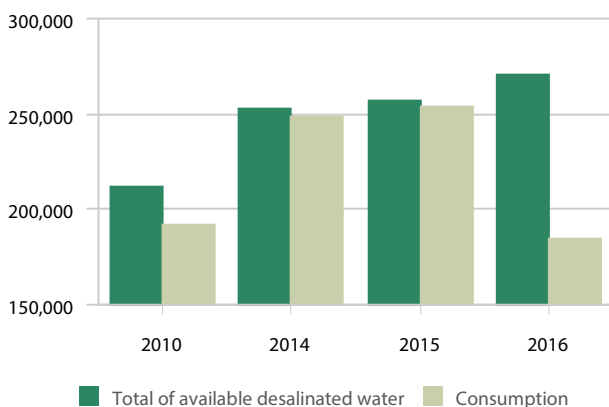
6.3.17 Production, Consumption and Planned Capacity of Desalinated Water

(Million Imperial Gallons)

Item	2010	2014	2015	2016
Total of available desalinated water	211,793	253,264	257,262	270,241
Production	183,561	203,238	205,818	195,060
Supply from Al - Fujairah station	28,232	50,026	51,444	75,181
Consumption	192,028	248,085	253,749	245,478
Daily consumption	526	680	695	672
Daily average per capita (Gallon)	267	256	250	231
Desalinated water capacity (MG/D)	815	683	683	908

Source: Abu Dhabi Water and Electricity Company (ADWEC)

Figure 6.3.5 Consumption and Available Desalinated Water



Source: Abu Dhabi Water and Electricity Company (ADWEC)

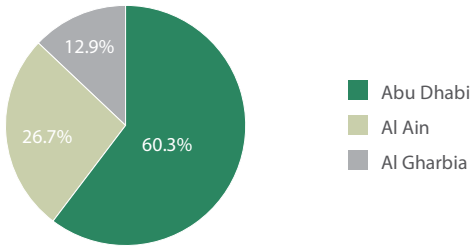
6.3.18 Consumption of Desalinated Water by Region

(Million Imperial Gallons)

Region	2010	2014	2015	2016
Total consumption	192,028	248,085	253,749	245,478
Abu Dhabi Region	116,369	150,312	152,773	148,612
Al Ain Region	51,079	64,704	69,595	65,261
Al Dhafra Region	24,580	33,069	31,381	31,605

Source: Abu Dhabi Water and Electricity Company (ADWEC)

Figure 6.3.6 Consumption of Desalinated Water by Region, 2016



Source: Abu Dhabi Water and Electricity Company (ADWEC)

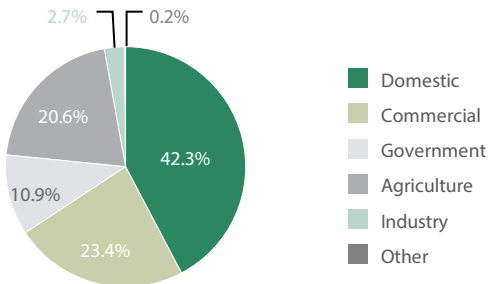
6.3.19 Percentage of Desalinated Water Consumption by Sector

(%)

Sector	2010	2014	2015	2016
Total	100	100	100	100
Domestic	55.2	49.6	47.8	42.3
Commercial	15.5	14.7	18.9	23.4
Government	22.4	28	13.7	10.9
Agriculture	4.0	4.9	17	20.6
Industry	1.5	2	2.3	2.7
Other	1.4	0.7	0.3	0.2

Source: Abu Dhabi Distribution Company, Al Ain Distribution Company

Figure 6.3.7 Consumption of Desalinated Water by Sector, 2016



Source: Abu Dhabi Distribution Company, Al Ain Distribution Company.

6.3.20 Percentage of Desalinated Water Consumption by Region and Sector, 2016

(%)

Sector	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Total
Domestic	71.2	27.6	1.2	100
Commercial	82.3	16.5	1.2	100
Government	72.0	25.8	2.1	100
Agriculture	51.0	48.6	0.4	100
Industry	75.3	24.6	0.1	100
Other	0.0	100.0	0.0	100

Source: Abu Dhabi Distribution Company, Al Ain Distribution Company

6.3.21 Water and Electricity Transmission Networks by Region, 2016

(Km)

Region	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Length of electricity transmission lines	2,451	2,706	3,389
Length of water transmission pipelines	890	1,729	963.8

Source: Abu Dhabi Transmission & Despatch Company (TRANSCO)

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.

Statistics indicate an ongoing upward trend in the amount of energy generated, which reached 280,085 MWH in 2016, marking a growth of 6.1 % compared with 2015. Electricity exports increased by 7.1 % while imports decreased by 40.4 % for the same period.

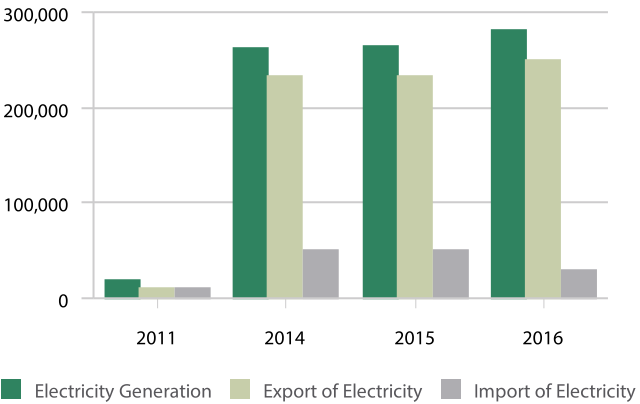
6.3.22 Renewable energy statistics

(MWH)

Item	2011	2014	2015	2016
Electricity Generation	17,986	262,667	264,014	280,085
Export of Electricity	11,291	232,228	233,147	249,725
Import of Electricity	10,668	50,605	50,955	30,360
Electricity planned capacity (MW)	11	111	111	*111.2

Source: Abu Dhabi Future Energy Company (Masdar)
 The production of Shams solar power station started in late 2013
 * Updated 1st May 2018

Figure 6.3.8 Renewable energy statistics



Source: Abu Dhabi Future Energy Company - Masdar