



مركز الإحصاء
STATISTICS CENTRE



Statistical Yearbook of Abu Dhabi 2020



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



His Highness Sheikh
Mohammad bin Zayed Al Nahyan

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

Foreword

Statistics Centre - Abu Dhabi is pleased to issue the Statistical Yearbook of 2020. This publication will form a fundamental and comprehensive reference supporting the development process in the Emirate and provide a major tool for policy and decision-makers, on multiple levels. It will help them develop plans and take decisions based on professional methods and standards.

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

This Statistical Yearbook of 2020 comprises of six main sections, with over 413 tables, 58 figures and graphs, which cover the general framework of official statistics. It includes up to date information added as part of an ongoing effort to improve the presentation and documentation of statistical data and indicators in an easy way, so as to serve all users of statistics. In addition, it reflects the main data and information relating to different development sectors through a time line in order to compare and monitor the realities of the Emirate's community in all areas. The book outlines the key results of business and statistical surveys conducted by SCAD throughout the year - and includes inputs from over 50 governmental and non-governmental entities in the Emirate.

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

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

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

Abdulla Ahmed Alyousf Alsuwaidi
Acting Director General

May 2020



Units and Abbreviations

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

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



Contents

1. Economy _____ **13**

- Economic Aggregates
- Merchandise Foreign Trade
- Prices
- Government Finance

2. Industry and Business _____ **65**

- Business Environment
- Manufacturing
- Oil and Gas
- Petrochemicals
- Electricity
- Construction
- Transportation
- Information and Communication Technology
- Hotels

3. Population and Demography _____ **92**

- Population
- Vital Statistics

4. Social _____ **143**

- Education
- Health
- Social Welfare
- Culture and Heritage

5. Labour Force _____ **187**

- Labour Force Structure
- Employment
- Unemployment
- Outside Labour Force Population and Economic Dependency Ratio

6. Agriculture and Environment _____ **215**

- Agriculture
- Environment
- Energy and Water



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1. Economy

- Economic Aggregates
- Merchandise Foreign Trade
- Prices
- Financial Statistics
- Government Finance
- Wages and Compensation

1. Economy

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

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

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

GDP at Current Prices (Million AED)	915,250
GDP at 2007 Constant Prices (Million AED)	803,568
Oil Share in GDP at Current Prices (%)	40.8
GDP Per Capita at Current Prices (Thousand AED)	356.6
GDP Per Capita at 2007 Constant Prices (Thousand AED)	313.1
Gross Fixed Capital Formation (Million AED)	142,402
Non-oil Exports of the Emirate of Abu Dhabi (Million AED)	57,925
Re-exports through the Ports of the Emirate of Abu Dhabi (Million AED)	52,842
Imports of the Emirate of Abu Dhabi (Million AED)	102,515
Inflation Rate (%)	-0.8

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 2019 GDP at current prices was AED 915,250 million compared with AED 932,441 million in 2018. As other data of 2019 indicate, the GDP per capita at current prices amounted to AED 356.6 thousand, total fixed capital formation was AED 142,402 million, while the compensation of employees was AED 250,749 million. GDP at constant prices depicts the volume of goods and services were produced in volume terms and is measured by holding prices constant. GDP at constant prices was AED 803,568 million in 2019 compared to AED 792,065 million in 2018. The GDP per capita at constant prices amounted to AED 313.1 thousand in 2019 compared to AED 284.1 thousand in 2018.

1.1.1 Gross Domestic Product by Economic Activity at Current Prices

(Million AED)

Economic Activity	2010	2016	2017	2018	2019*
Total	639,952	760,396	813,623	932,441	915,250
Agriculture, forestry and fishing	4,359	5,932	6,454	6,612	6,727
Mining and quarrying (includes crude oil and natural gas)	315,535	241,148	277,067	388,541	373,297
Manufacturing	34,268	49,842	54,500	58,916	57,699
Electricity, gas, and water supply; waste management	16,088	30,524	35,154	36,964	38,660
Construction	78,051	85,306	84,845	88,085	85,693
Wholesale and retail trade; repair of motor vehicles and motorcycles	26,640	47,671	47,052	48,225	47,184
Transportation and storage	20,096	27,624	25,852	26,193	26,311
Accommodation and food services	7,249	9,828	10,209	10,634	10,836
Information and communication	18,611	22,261	23,826	24,188	25,193
Financial and insurance	26,878	73,244	74,547	70,814	70,470
Real estate	21,852	46,814	47,020	38,834	38,415
Professional, scientific and technical	17,415	19,467	18,931	20,530	20,782
Administrative and support services	7,491	12,047	11,833	12,040	12,317
Public administration and defence; compulsory social security	30,662	55,309	61,358	65,181	64,489
Education	6,443	13,214	14,185	14,411	14,638
Human health and social work	3,429	12,560	12,500	13,437	13,730
Arts, recreation and other services	3,314	2,563	2,717	2,693	2,775
Activities of households as employers	1,572	5,042	5,573	6,142	6,034

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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

(Million AED)

Economic Activity	2010	2016	2017	2018	2019*
Total	587,107	789,716	782,289	792,065	803,568
Agriculture, forestry and fishing	4,293	5,240	5,479	5,811	5,995
Mining and quarrying (includes crude oil and natural gas)	302,138	389,270	378,041	391,135	404,657
Manufacturing	30,683	44,140	46,506	47,066	47,986
Electricity, gas, and water supply; waste management	14,975	24,923	23,683	23,806	24,733
Construction	78,505	82,643	81,925	83,193	79,761
Wholesale and retail trade; repair of motor vehicles and motorcycles	22,253	32,844	31,910	31,715	31,218
Transportation and storage	15,834	16,463	15,596	15,296	15,386
Accommodation and food services	5,593	8,528	9,455	9,842	10,166
Information and communication	18,752	22,027	23,877	24,328	24,242
Financial and insurance	23,588	55,949	57,427	54,661	54,010
Real estate	17,478	32,059	33,025	28,938	28,658
Professional, scientific and technical	14,598	14,241	13,631	14,312	14,577
Administrative and support services	6,279	8,813	8,520	8,393	8,639
Public administration and defence; compulsory social security	19,248	31,283	31,283	31,166	30,886
Education	6,388	8,284	8,805	8,547	8,612
Human health and social work	2,238	7,445	7,157	7,697	7,865
Arts, recreation and other services	2,946	1,875	1,956	1,878	1,946
Activities of households as employers	1,318	3,689	4,013	4,282	4,232

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

1.1.3 GDP Per Capita at Current Prices

Item	2010	2016	2017	2018	2019*
GDP (Million AED)	639,952	760,396	813,623	932,441	915,250
Oil GDP (Million AED)	315,535	241,148	277,067	388,541	373,297
Non-oil GDP (Million AED)	324,417	519,248	536,556	543,900	541,953
GDP per capita (Thousand AED)	305.5	261.5	281.2	334.5	356.6
Oil GDP per capita (Thousand AED)	150.7	82.9	95.7	139.4	145.4
Non-oil GDP per capita (Thousand AED)	154.9	178.5	185.4	195.1	211.2
GDP per capita annual growth (%)	16	-6.5	7.5	19.0	6.6
Oil GDP per capita annual growth (%)	28.9	-15.4	15.5	45.6	4.4
Non-oil GDP per capita annual growth (%)	5.7	-1.6	3.9	5.2	8.2

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

1.1.4 GDP Per Capita at Constant Prices (2007)

Item	2010	2016	2017	2018	2019*
GDP (Million AED)	587,107	789,716	782,289	792,065	803,568
Oil GDP (Million AED)	302,138	389,270	378,041	391,135	404,657
Non-oil GDP (Million AED)	284,969	400,446	404,248	400,930	398,911
GDP per capita (Thousand AED)	280.3	271.6	270.3	284.1	313.1
Oil GDP per capita (Thousand AED)	144.3	133.9	130.6	140.3	157.7
Non-oil GDP per capita (Thousand AED)	136.1	137.7	139.7	143.8	155.4
GDP per capita annual growth (%)	3.3	-1.8	-0.4	5.1	10.2
Oil GDP per capita annual growth (%)	3.7	-1.7	-2.4	7.4	12.4
Non-oil GDP per capita annual growth (%)	2.8	-1.9	1.5	2.9	8.1

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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

Economic Activity	2010	2016	2017	2018	2019*
Total	19.5	-2.3	7.0	14.6	-1.8
Agriculture, forestry and fishing	-3.0	4.1	8.8	2.5	1.7
Mining and quarrying (includes crude oil and natural gas)	32.9	-11.7	14.9	40.2	-3.9
Manufacturing	21.0	-1.0	9.3	8.1	-2.1
Electricity, gas, and water supply; waste management	13.1	2.3	15.2	5.1	4.6
Construction	4.6	-3.9	-0.5	3.8	-2.7
Wholesale and retail trade; repair of motor vehicles and motorcycles	1.8	16.2	-1.3	2.5	-2.2
Transportation and storage	40.8	-25.5	-6.4	1.3	0.4
Accommodation and food services	21.2	6.3	3.9	4.2	1.9
Information and communication	-21.0	4.5	7.0	1.5	4.2
Financial and insurance	-2.8	6.8	1.8	-5.0	-0.5
Real estate	20.5	13.7	0.4	-17.4	-1.1
Professional, scientific and technical	3.9	2.4	-2.8	8.4	1.2
Administrative and support services	-18.9	11.4	-1.8	1.7	2.3
Public administration and defence; compulsory social security	49.1	5.6	10.9	6.2	-1.1
Education	-7.3	12.8	7.4	1.6	1.6
Human health and social work	-1.4	8.2	-0.5	7.5	2.2
Arts, recreation and other services	68.1	7.6	6.0	-0.9	3.0
Activities of households as employers	4.6	12.0	10.5	10.2	-1.8

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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

(%)

Economic Activity	2010	2016	2017	2018	2019*
Total	6.5	2.6	-0.9	1.2	1.5
Agriculture, forestry and fishing	-1.8	3.1	4.6	6.1	3.2
Mining and quarrying (includes crude oil and natural gas)	6.9	2.7	-2.9	3.5	3.5
Manufacturing	7.7	3.2	5.4	1.2	2.0
Electricity, gas, and water supply; waste management	4.9	2.3	-5.0	0.5	3.9
Construction	9.9	-2.4	-0.9	1.5	-4.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.6	14.6	-2.8	-0.6	-1.6
Transportation and storage	24.3	-22.8	-5.3	-1.9	0.6
Accommodation and food services	25.7	8.7	10.9	4.1	3.3
Information and communication	-19.6	7.0	8.4	1.9	-0.4
Financial and insurance	-5.4	4.6	2.6	-4.8	-1.2
Real estate	12.0	7.3	3.0	-12.4	-1.0
Professional, scientific and technical	0.9	1.0	-4.3	5.0	1.9
Administrative and support services	-21.3	10.0	-3.3	-1.5	2.9
Public administration and defence; compulsory social security	45.9	3.7	0.0	-0.4	-0.9
Education	4.1	9.6	6.3	-2.9	0.8
Human health and social work	-1.9	2.0	-3.9	7.5	2.2
Arts, recreation and other services	67.8	6.2	4.3	-4.0	3.6
Activities of households as employers	1.5	10.6	8.8	6.7	-1.2

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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

(%)

Economic Activity	2010	2016	2017	2018	2019*
Total	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry and fishing	0.7	0.8	0.8	0.7	0.7
Mining and quarrying (includes crude oil and natural gas)	49.3	31.7	34.1	41.7	40.8
Manufacturing	5.4	6.6	6.7	6.3	6.3
Electricity, gas, and water supply; waste management	2.5	4.0	4.3	4.0	4.2
Construction	12.2	11.2	10.4	9.4	9.4
Wholesale and retail trade; repair of motor vehicles and motorcycles	4.2	6.3	5.8	5.2	5.2
Transportation and storage	3.1	3.6	3.2	2.8	2.9
Accommodation and food services	1.1	1.3	1.3	1.1	1.2
Information and communication	2.9	2.9	2.9	2.6	2.8
Financial and insurance	4.2	9.6	9.2	7.6	7.7
Real estate	3.4	6.2	5.8	4.2	4.2
Professional, scientific and technical	2.7	2.6	2.3	2.2	2.3
Administrative and support services	1.2	1.6	1.5	1.3	1.3
Public administration and defence; compulsory social security	4.8	7.3	7.5	7.0	7.0
Education	1.0	1.7	1.7	1.5	1.6
Human health and social work	0.5	1.7	1.5	1.4	1.5
Arts, recreation and other services	0.5	0.3	0.3	0.3	0.3
Activities of households as employers	0.2	0.7	0.7	0.7	0.7

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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

(%)

Economic Activity	2010	2016	2017	2018	2019*
Total	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry and fishing	0.7	0.7	0.7	0.7	0.7
Mining and quarrying (includes crude oil and natural gas)	51.5	49.3	48.3	49.4	50.4
Manufacturing	5.2	5.6	5.9	5.9	6.0
Electricity, gas, and water supply; waste management	2.6	3.2	3.0	3.0	3.1
Construction	13.4	10.5	10.5	10.5	9.9
Wholesale and retail trade; repair of motor vehicles and motorcycles	3.8	4.2	4.1	4.0	3.9
Transportation and storage	2.7	2.1	2.0	1.9	1.9
Accommodation and food services	1.0	1.1	1.2	1.2	1.3
Information and communication	3.2	2.8	3.1	3.1	3.0
Financial and insurance	4.0	7.1	7.3	6.9	6.7
Real estate	3.0	4.1	4.2	3.7	3.6
Professional, scientific and technical	2.5	1.8	1.7	1.8	1.8
Administrative and support services	1.1	1.1	1.1	1.1	1.1
Public administration and defence; compulsory social security	3.3	4.0	4.0	3.9	3.8
Education	1.1	1.0	1.1	1.1	1.1
Human health and social work	0.4	0.9	0.9	1.0	1.0
Arts, recreation and other services	0.5	0.2	0.3	0.2	0.2
Activities of households as employers	0.2	0.5	0.5	0.5	0.5

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

1.1.9 Gross Fixed Capital Formation by Economic Activity at Current Prices

(Million AED)

Economic Activity	2010	2016	2017	2018	2019*
Total	142,852	186,922	147,298	141,582	142,402
Agriculture, forestry and fishing	486	703	720	764	772
Mining and quarrying (includes crude oil and natural gas)	33,716	60,343	33,616	35,129	36,308
Manufacturing	28,740	11,611	13,874	17,612	18,217
Electricity, gas, and water supply; waste management	12,634	5,059	5,821	9,327	9,533
Construction	4,541	3,811	3,763	3,836	3,881
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,205	3,555	3,610	3,769	3,732
Transportation and storage	11,253	17,012	17,592	13,292	13,443
Accommodation and food services	505	1,149	393	360	377
Information and communication	1,979	2,500	2,887	3,122	3,254
Financial and insurance	5,687	3,604	2,406	2,389	2,397
Real estate	9,446	38,169	36,421	31,074	29,521
Professional, scientific and technical	309	542	426	311	315
Administrative and support services	416	1,816	1,480	1,473	1,523
Public administration and defence; compulsory social security	26,842	31,856	20,160	15,529	15,412
Education	3,181	2,687	2,036	1,781	1,822
Human health and social work	1,592	2,243	2,001	1,686	1,759
Arts, recreation and other services	317	263	94	130	135

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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

(%)

Economic Activity	2010	2016	2017	2018	2019*
Total	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry and fishing	0.3	0.4	0.5	0.5	0.5
Mining and quarrying (includes crude oil and natural gas)	23.6	32.3	22.8	24.8	25.5
Manufacturing	20.1	6.2	9.4	12.4	12.8
Electricity, gas, and water supply; waste management	8.8	2.7	4.0	6.6	6.7
Construction	3.2	2.0	2.6	2.7	2.7
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.8	1.9	2.5	2.7	2.6
Transportation and storage	7.9	9.1	11.9	9.4	9.4
Accommodation and food services	0.4	0.6	0.3	0.3	0.3
Information and communication	1.4	1.3	2.0	2.2	2.3
Financial and insurance	4.0	1.9	1.6	1.7	1.7
Real estate	6.6	20.4	24.7	21.9	20.7
Professional, scientific and technical	0.2	0.3	0.3	0.2	0.2
Administrative and support services	0.3	1.0	1.0	1.0	1.1
Public administration and defence; compulsory social security	18.8	17.0	13.7	11.0	10.8
Education	2.2	1.4	1.4	1.3	1.3
Human health and social work	1.1	1.2	1.4	1.2	1.2
Arts, recreation and other services	0.2	0.1	0.1	0.1	0.1

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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

(%)

Economic Activity	2010	2016	2017	2018	2019*
Total	22.3	24.6	18.1	15.2	15.6
Agriculture, forestry and fishing	0.1	0.1	0.1	0.1	0.1
Mining and quarrying (includes crude oil and natural gas)	5.3	7.9	4.1	3.8	4.0
Manufacturing	4.5	1.5	1.7	1.9	2.0
Electricity, gas, and water supply; waste management	2.0	0.7	0.7	1.0	1.0
Construction	0.7	0.5	0.5	0.4	0.4
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.2	0.5	0.4	0.4	0.4
Transportation and storage	1.8	2.2	2.2	1.4	1.5
Accommodation and food services	0.1	0.2	0.0	0.0	0.0
Information and communication	0.3	0.3	0.4	0.3	0.4
Financial and insurance	0.9	0.5	0.3	0.3	0.3
Real estate	1.5	5.0	4.5	3.3	3.2
Professional, scientific and technical	0.0	0.1	0.1	0.0	0.0
Administrative and support services	0.1	0.2	0.2	0.2	0.2
Public administration and defence; compulsory social security	4.2	4.2	2.5	1.7	1.7
Education	0.5	0.4	0.3	0.2	0.2
Human health and social work	0.2	0.3	0.2	0.2	0.2
Arts, recreation and other services	0.0	0.0	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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

(%)

Economic Activity	2010	2016	2017	2018	2019*
Total	-8.1	5.4	-21.2	-3.9	0.6
Agriculture, forestry and fishing	-3.0	0.3	2.4	6.1	1.1
Mining and quarrying (includes crude oil and natural gas)	-0.6	36.9	-44.3	4.5	3.4
Manufacturing	12.2	-10.1	19.5	26.9	3.4
Electricity, gas, and water supply; waste management	-22.3	-50.3	15.1	60.2	2.2
Construction	-3.6	-15.8	-1.3	2.0	1.2
Wholesale and retail trade; repair of motor vehicles and motorcycles	-24.3	12.2	1.6	4.4	-1.0
Transportation and storage	7.7	-32.1	3.4	-24.4	1.1
Accommodation and food services	-65.3	9.7	-65.8	-8.4	4.7
Information and communication	14.8	-16.1	15.5	8.1	4.2
Financial and insurance	57.9	2.9	-33.2	-0.7	0.4
Real estate	-26.1	2.0	-4.6	-14.7	-5.0
Professional, scientific and technical	-76.1	-4.9	-21.4	-26.9	1.4
Administrative and support services	-79.3	11.6	-18.5	-0.5	3.5
Public administration and defence; compulsory social security	-27.9	44.8	-36.7	-23.0	-0.8
Education	218.9	-26.1	-24.2	-12.5	2.3
Human health and social work	24.5	-40.4	-10.8	-15.8	4.4
Arts, recreation and other services	194.8	4.1	-64.1	37.9	3.6

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

1.2. Merchandise Foreign Trade

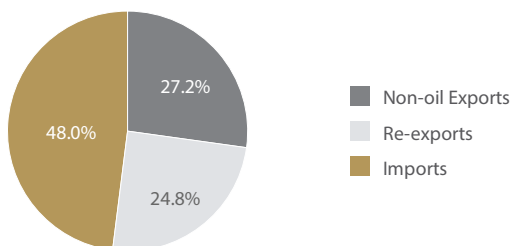
The non-oil merchandise trade statistics presented in this section comprises trade in goods, which entered or exited the territory of the Emirate of Abu Dhabi through the ports of Abu Dhabi (comprising air, sea and road ports). It should be noted that foreign trade data presented in this section do not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

The value of non-oil foreign merchandise trade through Abu Dhabi ports were valued at 213.3 AED billion in 2019, compared with AED 225.5 billion in 2018. Commodity imports in goods were valued at AED 102.5 billion in 2019, while the main imports during 2019 were 'Vehicles of transport', which accounted for 20.6% of the total value. Saudi Arabia was the main country for imports, from which the Emirate received goods worth AED 12.2 billion.

Non-oil exports were valued at AED 57.9 billion, with 'Base metals and articles of base metals' contributing 29.6% of the total. Saudi Arabia was the top destination of Abu Dhabi non-oil exports, receiving goods worth AED 25.8 billion from the Emirate in 2019.

Re-exports in 2019 were valued at AED 52.8 billion. The top category during 2019 was 'Vehicles of transport', which contributed 38.3% of the re-exports total. Saudi Arabia was the top country destination for re-exports with goods valued at AED 17.4 billion.

Figure 1.2.1 Non-oil Foreign Trade in Goods Statistics through the Ports of the Emirate of Abu Dhabi, 2019



1.2.1 Trade Balance of Non-oil Trade in Goods through the Ports of the Emirate of Abu Dhabi by Sections of the Harmonized System (HS), 2019

(Million AED)

Description	Exports	Re- exports	Imports	Balance
Total	57,925.3	52,841.6	102,514.7	8,252.2
Live animals and products thereof	1,813.1	437.0	2,744.4	-494.3
Vegetable products	640.1	1,831.9	2,678.9	-206.9
Animals or vegetable fats, oil and waxes	378.5	7.9	311.4	75.0
Foodstuffs, beverages, spirits and tobacco	3,367.8	990.6	2,003.1	2,355.2
Mineral products	410.4	120.6	5,478.9	-4,947.9
Products of the chemical or allied industries	3,485.7	3,810.2	11,299.7	-4,003.8
Plastic, rubber and articles thereof	11,534.5	1,107.8	4,122.2	8,520.2
Articles of leather and animal gut; travel goods	3.3	162.2	55.6	109.8
Articles of wood, cork; basketware and wickerwork	329.5	146.7	156.8	319.4
Pulp of wood, waste, scrap and article of paper	1,419.3	180.7	1,522.8	77.2
Textiles and textile articles	361.4	2,191.7	681.3	1,871.9
Footwear, umbrella, articles of feather and hair	5.5	480.8	111.3	375.0
Articles of stone, mica; ceramic products and glass	1,070.9	308.9	1,375.2	4.7
Pearls, stones, precious metals and articles thereof	12,386.7	633.4	4,217.3	8,802.8
Base metals and articles of base metals	17,138.8	2,739.1	16,112.5	3,765.3
Machinery, sound recorder, reproducers and parts	2,373.7	12,824.1	17,768.1	-2,570.3
Transport vehicles	762.0	20,234.6	21,145.4	-148.8
Photographic, medical, musical instruments and parts	61.3	965.0	3,169.7	-2,143.4
Miscellaneous manufactured articles	373.7	937.3	906.5	404.6
Work of art, collectors pieces and antiques	9.1	2,731.1	6,653.7	-3,913.5

Source: Statistics Centre - Abu Dhabi

1.2.2 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	2015	2016	2017	2018	2019
Total	102.8	109.1	95.4	99.6	108.0
Live animals and products thereof	92.7	72.9	68.5	95.8	82.0
Vegetable products	141.3	150.5	106.1	110.9	92.3
Animals or vegetable fats, oil and waxes	328.0	170.7	137.8	171.9	124.1
Foodstuffs, beverages, spirits and tobacco	220.8	265.1	234.7	232.9	217.6
Mineral products	31.6	30.4	17.4	12.3	9.7
Products of the chemical or allied industries	97.4	104.4	105.2	88.3	64.6
Plastic, rubber and articles thereof	183.2	400.5	288.2	287.0	306.7
Articles of leather and animal gut; travel goods	497.2	354.9	357.1	258.0	297.6
Articles of wood, cork; basketware and wickerwork	157.8	171.3	139.1	242.7	303.8
Pulp of wood, waste, scrap and article of paper	111.3	110.2	102.2	129.0	105.1
Textiles and textile articles	798.2	658.9	521.8	395.6	374.7
Footwear, umbrella, articles of feather and hair	1,323.9	671.0	547.6	413.0	436.8
Articles of stone, mica; ceramic products and glass	135.2	101.7	89.8	96.5	100.3
Pearls, stones, precious metals and articles thereof	553.2	506.6	356.7	334.8	308.7
Base metals and articles of base metals	101.9	97.2	94.4	93.5	123.4
Machinery, sound recorder, reproducers and parts	58.5	47.7	45.9	62.4	85.5
Transport vehicles	53.5	50.3	59.4	66.7	99.3
Photographic, medical, musical instruments and parts	41.1	43.9	46.1	54.2	32.4
Miscellaneous manufactured articles	144.2	122.9	144.2	160.3	144.6
Work of art, collectors pieces and antiques	549.7	519.5	13.2	49.6	41.2

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Non-oil Exports of Goods	2015	2016	2017	2018	2019
Total	61,027.9	69,155.3	57,680.4	64,419.5	57,925.3
Agricultural raw materials exports	95.5	95.5	49.1	124.9	67.0
Food products	10,097.1	8,399.2	7,220.5	7,309.2	6,181.2
Manufactured products	30,649.4	32,024.2	24,886.7	28,770.8	29,390.5
Ores and metals	6,859.5	7,938.8	9,764.3	10,849.0	9,625.8
Other goods	13,326.4	20,697.6	15,759.9	17,365.7	12,660.8

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Description	2015	2016	2017	2018	2019
Total	61,027.9	69,155.3	57,680.4	64,419.5	57,925.3
Live animals and products thereof	2,200.8	1,813.1	1,838.1	2,390.3	1,813.1
Vegetable products	2,158.0	1,664.5	994.3	623.2	640.1
Animals or vegetable fats, oil and waxes	1,283.5	746.4	564.3	568.6	378.5
Foodstuffs, beverages, spirits and tobacco	4,467.5	4,186.7	3,832.0	3,759.0	3,367.8
Mineral products	859.9	765.8	605.6	544.8	410.4
Products of the chemical or allied industries	4,284.8	3,724.7	3,562.4	4,153.6	3,485.7
Plastic, rubber and articles thereof	8,452.1	15,320.6	10,927.4	10,910.0	11,534.5
Articles of leather and animal gut; travel goods	6.5	4.0	2.9	4.4	3.3
Articles of wood, cork; basket ware and wickerwork	83.4	88.5	64.5	157.7	329.5
Pulp of wood, waste, scrap and article of paper	966.0	888.8	863.1	1,329.2	1,419.3
Textiles and textile articles	781.8	498.9	464.5	394.2	361.4
Footwear, umbrella, articles of feather and hair	15.9	9.0	4.5	4.1	5.5
Articles of stone, mica; ceramic products and glass	1,371.5	1,034.1	840.5	1,047.0	1,070.9
Pearls, stones, precious metals and articles thereof	13,202.7	20,454.3	15,397.8	17,143.3	12,386.7
Base metals and articles of base metals	14,569.9	13,532.2	14,310.1	16,980.9	17,138.8
Machinery, sound recorder, reproducers and parts	4,279.5	2,832.7	2,205.6	3,020.2	2,373.7
Transport vehicles	1,381.2	1,014.8	575.8	802.1	762.0
Photographic, medical, musical instruments and parts	76.1	107.7	96.2	79.8	61.3
Miscellaneous manufactured articles	577.2	437.6	516.1	499.4	373.7
Work of art, collectors pieces and antiques	9.5	31.1	14.9	7.7	9.1

Source: Department of Finance - Customs Administration

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

(Million AED)

Non-oil Exports of Goods	2015	2016	2017	2018	2019
Total	61,027.9	69,155.3	57,680.4	64,419.5	57,925.3
Capital goods	3,157.1	2,258.9	1,373.4	2,309.7	2,157.9
Intermediate goods	45,142.6	56,154.4	47,059.7	51,693.4	46,906.6
Final consumption goods	12,728.2	10,742.0	9,247.3	10,416.4	8,860.8

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Non-oil Exports of Goods	2015	2016	2017	2018	2019
Total	2,318.1	1,804.9	923.1	2,298.1	1,420.2
Creative goods	993.2	796.6	387.0	612.6	522.1
Information and communication technology (ICT) goods	19.2	11.9	33.6	624.4	264.1
High-tech products	1,305.7	996.4	502.4	1,061.1	634.0

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Continent	2018		2019	
	Value	%	Value	%
Total	64,419.5	100.0	57,925.3	100.0
Asia	50,460.8	78.3	46,723.2	80.7
Europe	7,731.0	12.0	5,800.9	10.0
Northern America	3,222.8	5.0	2,652.6	4.6
Africa	2,786.5	4.3	2,314.1	4.0
Australia and Oceania	119.5	0.2	329.6	0.6
South America	98.9	0.2	104.9	0.2

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Countries	2018		2019	
	Value	%	Value	%
Total	64,419.5	100.0	57,925.3	100.0
Saudi Arabia	27,931.2	43.4	25,757.2	44.5
Kuwait	4,565.2	7.1	4,075.7	7.0
China	3,528.5	5.5	3,984.7	6.9
Switzerland	5,449.6	8.5	3,847.0	6.6
India	2,474.7	3.8	2,980.5	5.1
United States of America	2,903.3	4.5	2,439.2	4.2
Kingdom of Bahrain	2,991.0	4.6	1,904.5	3.3
Oman	1,950.4	3.0	1,470.6	2.5
Jordan	1,733.8	2.7	1,302.5	2.2
Netherlands	1,217.0	1.9	1,053.1	1.8
Others	9,674.8	15.0	9,110.3	15.7

Source: Department of Finance - Customs Administration

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

(Million AED)

Countries	2018		2019	
	Value	%	Value	%
Total	37,437.8	100.0	33,208.0	100.0
Saudi Arabia	27,931.2	74.6	25,757.2	77.6
Kuwait	4,565.2	12.2	4,075.7	12.3
Kingdom of Bahrain	2,991.0	8.0	1,904.5	5.7
Oman	1,950.4	5.2	1,470.6	4.4
Qatar	0.0	0.0	0.0	0.0

Source: Department of Finance - Customs Administration

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

(Million AED)

Mode of Shipping	2018		2019	
	Value	%	Value	%
Total	64,419.5	100.0	57,925.3	100.0
Land	28,498.9	44.2	25,960.3	44.8
Sea	17,700.1	27.5	19,002.3	32.8
Air	18,220.5	28.3	12,962.7	22.4

Source: Department of Finance - Customs Administration

1.2.11 Natural Gas Imports of the Emirate of Abu Dhabi

(Million Cubic Feet)

Item	2015	2016	2017	2018	2019
Volume of imports	768,356.7	757,899.1	754,530.0	788,792.0	793,342.7
Daily average	2,105.1	2,076.4	2,067.0	2,161.0	2,173.5

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Re-exports of Goods	2015	2016	2017	2018	2019
Total	61,690.3	59,345.7	48,798.7	48,114.2	52,841.6
Agricultural raw materials	289.8	302.6	205.5	232.8	119.4
Food products	3,128.9	3,175.3	2,546.5	3,359.1	3,202.7
Manufactured products	54,868.9	48,688.8	43,310.2	43,445.1	48,410.2
Ores and metals	428.9	309.4	223.0	436.9	264.8
Other goods	2,973.8	6,869.6	2,513.4	640.2	844.4

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Description	2015	2016	2017	2018	2019
Total	61,690.3	59,345.7	48,798.7	48,114.2	52,841.6
Live animals	428.2	303.5	263.1	343.7	437.0
Vegetable products	1,935.4	1,528.5	1,266.5	2,025.7	1,831.9
Animal or vegetable fats, oil and waxes	18.5	14.0	13.8	10.1	7.9
Foodstuffs, beverages, spirits and tobacco	886.2	1,494.6	1,094.2	1,033.8	990.6
Mineral products	347.2	261.5	179.4	121.0	120.6
Products of the chemical or allied industries	6,643.6	5,744.2	4,866.8	4,238.6	3,810.2
Plastics, rubber and articles thereof	2,029.8	1,559.9	1,253.1	1,178.0	1,107.8
Articles of leather and animal gut; travel goods	462.9	400.2	282.8	158.6	162.2
Articles of wood, crock, basket ware and wickerwork	379.9	300.0	274.4	288.7	146.7
Pulp of wood, waste, scrap and articles of paper	298.1	271.9	270.0	241.3	180.7
Textiles and textile articles	6,919.9	5,404.8	4,221.9	2,438.1	2,191.7
Footwear, umbrellas, articles of feather and hair	2,082.3	1,567.9	839.9	446.0	480.8
Articles of stone, mica, ceramic products and glass	598.7	528.2	385.4	286.5	308.9
Pearls, stones, precious metals and its articles	3,162.4	7,007.2	2,305.6	492.2	633.4
Base metals and articles of base meta	4,889.1	3,826.3	3,238.6	3,173.2	2,739.1
Machinery, sound recorders, reproducers and parts	14,678.1	12,716.6	10,577.4	10,616.3	12,824.1
Vehicles of transport	13,207.5	13,838.4	15,309.8	16,873.1	20,234.6
Photographic, medical, musical instruments and parts	1,125.2	1,116.7	893.6	1,136.6	965.0
Miscellaneous manufactured articles	1,162.6	1,088.8	1,016.3	936.6	937.3
Pieces and antiques, works of art, collectors	434.5	372.2	245.9	2,076.0	2,731.1

Source: Department of Finance - Customs Administration

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

(Million AED)

Re-exports of Goods	2015	2016	2017	2018	2019
Total	61,690.3	59,345.7	48,798.7	48,114.2	52,841.6
Capital goods	10,996.2	8,490.8	6,746.6	6,363.7	6,950.8
Intermediate goods	23,904.2	26,072.1	19,901.3	16,538.5	18,002.6
Final consumption goods	26,789.8	24,782.8	22,150.7	25,212.0	27,888.2

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Re-exports of Goods	2015	2016	2017	2018	2019
Total	9,743.0	10,261.0	8,946.8	11,028.0	15,071.0
Creative goods	2,119.1	1,928.2	1,167.3	2,725.0	3,292.1
Information and communication technology (ICT) goods	3,102.3	2,852.1	2,867.1	2,722.8	4,162.6
High-tech products	4,521.5	5,480.7	4,912.4	5,580.2	7,616.3

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Continent	2018		2019	
	Value	%	Value	%
Total	48,114.2	100.0	52,841.6	100.0
Asia	43,008.4	89.4	47,314.9	89.5
Europe	3,593.4	7.5	3,351.3	6.3
Africa	1,284.2	2.7	1,449.4	2.7
South America	32.3	0.1	432.4	0.8
Northern America	184.6	0.4	267.3	0.5
Australia and Oceania	11.3	0.0	26.2	0.0

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Countries	2018		2019	
	Value	%	Value	%
Total	48,114.2	100.0	52,841.6	100.0
Saudi Arabia	15,317.0	31.8	17,351.6	32.8
Kuwait	6,644.0	13.8	6,239.7	11.8
Kingdom of Bahrain	4,455.0	9.3	2,941.6	5.6
Germany	1,944.4	4.0	1,526.0	2.9
Yemen	1,161.8	2.4	1,275.0	2.4
China	2,736.8	5.7	1,265.0	2.4
Jordan	1,177.8	2.4	1,110.7	2.1
Oman	1,314.3	2.7	967.6	1.8
Sudan	590.4	1.2	771.2	1.5
Bangladesh	199.8	0.4	633.1	1.2
Others	12,572.8	26.1	18,760.1	35.5

Source: Department of Finance - Customs Administration

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

(Million AED)

Countries	2018		2019	
	Value	%	Value	%
Total	27,730.2	100.0	27,500.5	100.0
Saudi Arabia	15,317.0	55.2	17,351.6	63.1
Kuwait	6,644.0	24.0	6,239.7	22.7
Kingdom of Bahrain	4,455.0	16.1	2,941.6	10.7
Oman	1,314.3	4.7	967.6	3.5
Qatar	0.0	0.0	0.0	0.0

Source: Department of Finance - Customs Administration

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

(Million AED)

Mode of shipping	2018		2019	
	Value	%	Value	%
Total	48,114.2	100.0	52,841.6	100.0
Land	23,578.2	49.0	24,501.3	46.4
Air	15,080.9	31.3	19,639.7	37.2
Sea	9,455.0	19.7	8,700.6	16.5

Source: Department of Finance - Customs Administration

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

(Million AED)

Imports of Goods	2015	2016	2017	2018	2019
Total	119,339.5	117,822.1	112,122.7	112,952.4	102,514.7
Agricultural raw materials	468.8	422.0	490.0	707.8	990.1
Food products	8,505.3	7,569.7	7,671.1	7,570.6	7,649.4
Manufactured products	94,098.6	91,499.0	84,067.9	83,112.0	72,049.8
Ores and metals	12,065.9	11,898.6	13,726.2	14,739.6	16,354.9
Other goods	4,201.0	6,432.8	6,167.5	6,822.3	5,470.6

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Description	2015	2016	2017	2018	2019
Total	119,339.4	117,822.1	112,122.7	112,952.4	102,514.7
Live animals	2,836.4	2,902.1	3,067.8	2,854.7	2,744.4
Vegetable products	2,897.8	2,121.7	2,130.0	2,389.4	2,678.9
Animal or vegetable fats, oil and waxes	396.9	445.5	419.6	336.6	311.4
Foodstuffs, beverages, spirits and tobacco	2,424.2	2,142.9	2,098.5	2,057.9	2,003.1
Mineral products	3,817.8	3,373.9	4,506.6	5,421.1	5,478.9
Products of the chemical or allied industries	11,217.9	9,070.9	8,014.5	9,509.0	11,299.7
Plastics, rubber and articles thereof	5,722.4	4,214.4	4,226.0	4,211.6	4,122.2
Articles of leather and animal gut; travel goods	94.4	113.9	80.0	63.2	55.6
Articles of wood, crook, basket ware and wickerwork	293.5	226.8	243.5	183.9	156.8
Pulp of wood, waste, scrap and articles of paper	1,136.1	1,053.1	1,109.2	1,217.2	1,522.8
Textiles and textile articles	964.8	896.0	898.2	716.0	681.3
Footwear, umbrellas, articles of feather and hair	158.5	235.0	154.2	109.0	111.3
Articles of stone, mica, ceramic products and glass	1,457.5	1,536.4	1,365.9	1,381.4	1,375.2
Pearls, stones, precious metals and its articles	2,958.1	5,421.2	4,962.6	5,267.5	4,217.3
Base metals and articles of base meta	19,104.2	17,859.2	18,581.7	21,554.2	16,112.5
Machinery, sound recorders, reproducers and parts	32,395.2	32,594.2	27,872.1	21,846.0	17,768.1
Vehicles of transport	27,256.6	29,503.6	26,761.4	26,495.5	21,145.4
Photographic, medical, musical instruments and parts	2,919.5	2,791.6	2,147.2	2,244.0	3,169.7
Miscellaneous manufactured articles	1,206.7	1,241.9	1,514.1	896.0	906.5
Pieces and antiques, works of art, collectors	80.8	77.6	1,969.7	4,198.1	6,653.7

Source: Department of Finance - Customs Administration

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

(Million AED)

Imports of Goods	2015	2016	2017	2018	2019
Total	119,339.4	117,822.1	112,122.7	112,952.4	102,514.7
Capital goods	20,147.1	18,930.8	14,381.9	12,724.4	9,679.5
Intermediate goods	71,655.2	74,234.2	68,490.4	67,978.6	59,932.7
Final consumption goods	27,537.1	24,657.1	29,250.5	32,249.3	32,902.5

Source: Statistics Centre - Abu Dhabi

1.2.23 Imports of Creative and Technology Goods of the Emirate of Abu Dhabi

(Million AED)

Imports of Goods	2015	2016	2017	2018	2019
Total	12,982.0	15,362.0	18,900.9	18,898.8	18,724.2
Creative goods	1,085.6	970.5	2,890.0	4,815.5	7,286.9
Information and communication technology (ICT) goods	2,156.7	2,009.2	2,211.3	2,856.7	1,909.9
High-tech products	9,739.7	12,382.3	13,799.6	11,226.6	9,527.5

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Continent	2018		2019	
	Value	%	Value	%
Total	112,952.4	100.0	102,514.7	100.0
Asia	57,619.9	51.0	45,309.9	44.2
Europe	27,728.1	24.5	31,181.4	30.4
Northern America	14,227.1	12.6	12,155.9	11.9
Africa	7,640.2	6.8	7,391.4	7.2
Australia and Oceania	3,216.4	2.8	4,466.7	4.4
South America	2,520.7	2.2	2,009.4	2.0

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Countries	2018		2019	
	Value	%	Value	%
Total	112,952.4	100.0	102,514.7	100.0
Saudi Arabia	12,685.6	11.2	12,163.3	11.9
United States of America	13,019.2	11.5	10,933.1	10.7
Japan	11,471.7	10.2	10,601.2	10.3
France	6,272.9	5.6	7,090.5	6.9
China	7,633.6	6.8	6,238.6	6.1
Congo	4,849.4	4.3	5,528.7	5.4
United Kingdom	3,241.8	2.9	5,225.1	5.1
Germany	5,344.4	4.7	4,953.0	4.8
Australia	3,162.2	2.8	4,395.4	4.3
India	5,499.2	4.9	3,207.8	3.1
Others	39,772.4	35.2	32,178.1	31.4

Source: Department of Finance - Customs Administration

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

(Million AED)

Countries	2018		2019	
	Value	%	Value	%
Total	16,986.3	100.0	16,494.0	100.0
Saudi Arabia	12,685.6	74.7	12,163.3	73.7
Kingdom of Bahrain	1,814.7	10.7	2,258.7	13.7
Oman	1,894.8	11.2	1,561.1	9.5
Kuwait	591.2	3.5	511.0	3.1
Qatar	0.0	0.0	0.0	0.0

Source: Department of Finance - Customs Administration

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

(Million AED)

Mode of Shipping	2018		2019	
	Value	%	Value	%
Total	112,952.4	100.0	102,514.7	100.0
Sea	64,840.6	57.4	56,577.9	55.2
Air	30,702.9	27.2	28,750.7	28.0
Land	17,408.9	15.4	17,186.2	16.8

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 2019 with a 2014 base year are as follows:

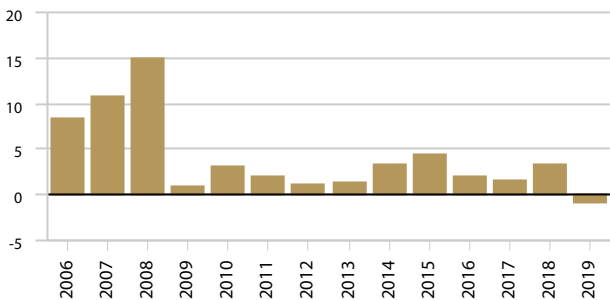
- Consumer price deflation reached 0.8% during 2019 compared with 2018. The index reached 110.7% in 2019, while it was 111.6% in 2018.
- The 'Housing, water, electricity, gas, and other fuels' group contributed 140.7% of the total rate of decrease. This contribution was due to the low prices of this group which dropped by 3.7%.
- The 'Transportation' group contributed 93.2% of the total rate of decrease achieved during 2019, compared with 2018, while prices of this group decreased by 5.3%.
- The 'Food and beverages' group contributed 29.6% of the total rate of decrease achieved during 2019. This contribution was due to the decrease in the prices of this group by 2.1%.

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 2019 compared with 2018 was the 5.5% 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 2019 compared with 2018 was the increase of 24.2% 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 2019 is shown compared with 2018, in addition to the relative annual change since 2015.

Figure 1.3.1 Annual Rates of Inflation



Source: Statistics Centre - Abu Dhabi

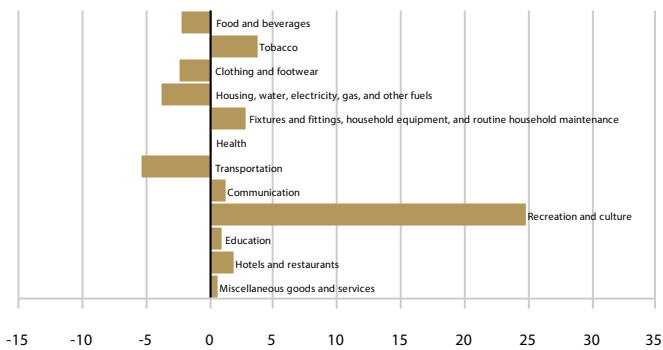
1.3.1 Contribution of Different Expenditure Groups to the Overall Annual Percentage Change in Prices in 2019 Compared with 2018

(%)

Major Expenditure Groups	Weight (100.0)	Relative Change	Contribution
Food and beverages	12.3	-2.1	-29.6
Tobacco	0.2	3.5	1.6
Clothing and footwear	5.4	-2.3	-16.1
Housing, water, electricity, gas, and other fuels	31.2	-3.7	-140.7
Fixtures and fittings, household equipment, and routine household maintenance	7.2	2.7	22.0
Health	1.6	0.0	0.0
Transportation	14.7	-5.3	-93.2
Communication	5.0	1.1	5.6
Recreation and culture	4.8	24.6	132.5
Education	6.9	0.8	6.9
Hotels and restaurants	3.8	1.7	7.6
Miscellaneous goods and services	7.0	0.4	3.5

Source: Statistics Centre - Abu Dhabi

Figure 1.3.2 Relative Change in Average Prices for the Main Expenditure Groups in 2019 Compared with 2018 (%)



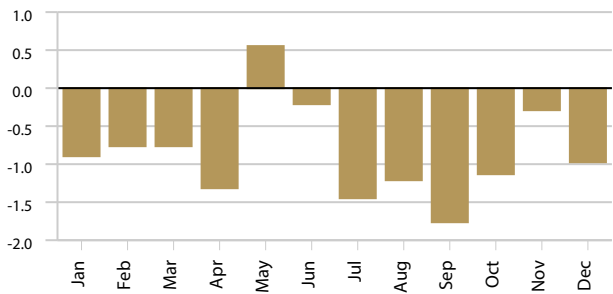
Source: Statistics Centre - Abu Dhabi

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 % 2019
Food and beverages	12.3	-2.1
Tobacco	0.2	3.5
Clothing and footwear	5.4	-2.3
Housing, water, electricity, gas and other fuels	31.2	-3.7
Furnishing, household equipment and routine household maintenance	7.2	2.7
Health	1.6	0.0
Transport	14.7	-5.3
Communication	5.0	1.1
Recreation and culture	4.8	24.6
Education	6.9	0.8
Restaurant and hotels	3.8	1.7
Miscellaneous goods and services	7.0	0.4

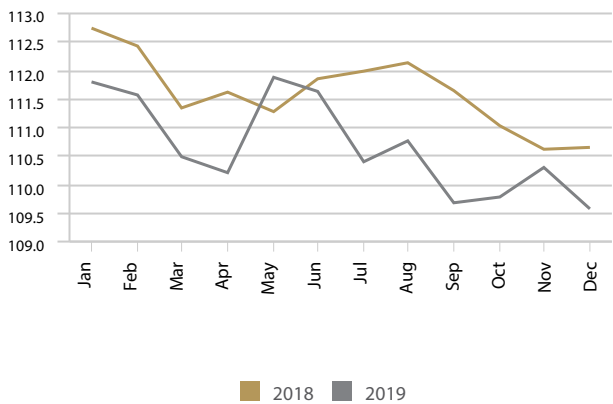
Source: Statistics Centre - Abu Dhabi

Figure 1.3.3 Annual Inflation Rates for the months of 2019



Source: Statistics Center - Abu Dhabi

Figure 1.3.4 Monthly CPI 2018, 2019



Source: Statistics Center - Abu Dhabi

1.3.3 Annual CPI and Inflation Rates 2011 - 2019 (2014=100)

Year	CPI	Inflation Rate (%)
2011	94.6	1.9
2012	95.7	1.1
2013	96.9	1.3
2014	100.0	3.2
2015	104.3	4.3
2016	106.4	2.0
2017	108.1	1.6
2018	111.6	3.3
2019	110.7	-0.8

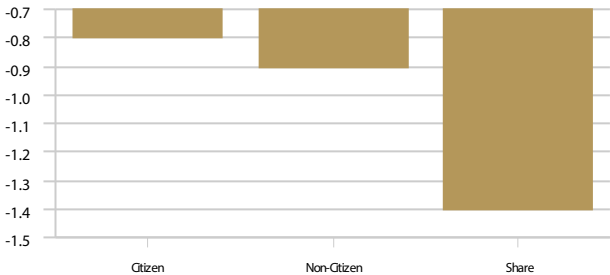
Source: Statistic Centre - Abu Dhabi

1.3.4 Annual CPI and relative change by Household Type 2018 , 2019

Year	Citizen	Non-Citizen	Share
2018	111.5	111.6	112.0
2019	110.6	110.6	110.4
Relative Change %	-0.8	-0.9	-1.4

Source: Statistic Centre - Abu Dhabi

Figure 1.3.5 Relative Change in CPI by Household Type in 2019 compared with 2018



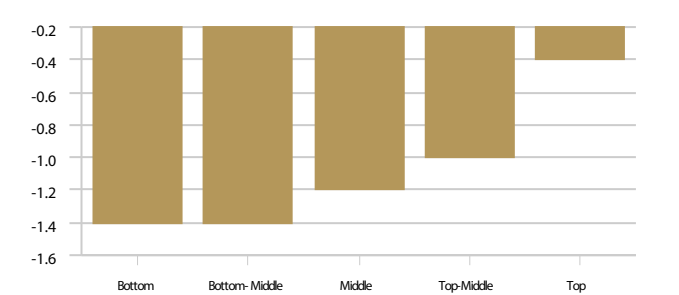
Source: Statistics Center - Abu Dhabi

1.3.5 CPI by Household Welfare Level for 2018 and 2019

Year	Bottom	Bottom-Middle	Middle	Top-Middle	Top
2018	112.7	112.8	112.5	111.8	110.8
2019	111.2	111.2	111.1	110.6	110.4
Relative Change %	-1.4	-1.4	-1.2	-1.0	-0.4

Source: Statistic Centre - Abu Dhabi

Figure 1.3.6 Relative Change in the CPI by Household Welfare Level in 2019 Compared with 2018



Source: Statistics Center - Abu Dhabi

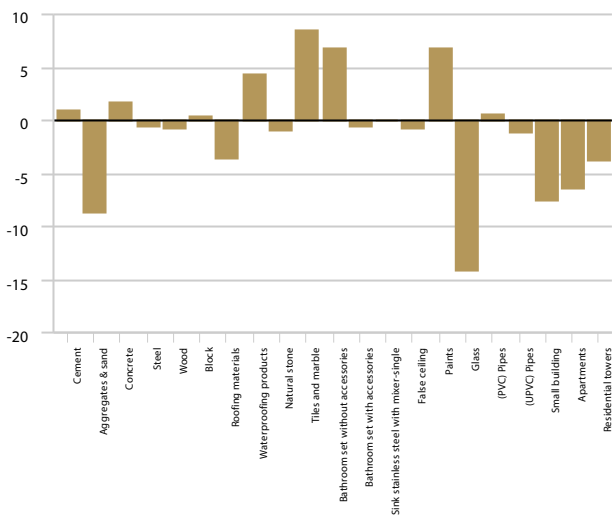
1.3.6 Relative Change in the Price Averages of the Main Groups of Building Materials during 2015 - 2019

(Price in AED)

Groups	Relative Change 2016 /2015 (%)	Relative Change 2017 /2016 (%)	Relative Change 2018/2017 (%)	Relative Change 2019 /2018 (%)
Cement	-1.5	-0.9	1.7	0.9
Aggregates & sand	-3.3	4.2	4.0	-8.8
Concrete	-0.7	-1.9	-0.3	1.6
Steel	0.7	11.7	7.5	-0.5
Wood	-3.8	-1.0	9.0	-0.8
Block	8.2	9.2	1.8	0.3
Roofing materials	-1.0	-4.0	6.9	-3.6
Waterproofing products	-14.5	-4.7	11.0	4.3
Waterproofing bituminous membrane				
Natural stone	-0.4	-7.6	5.1	-1.0
Tiles and marble	2.2	0.9	3.7	8.5
Sanitary ware				
Bathroom set without accessories	3.4	1.7	3.8	6.8
Bathroom set with accessories	-0.2	0.0	-0.1	-0.6
Sink stainless steel with mixer-single	0.0	0.0	0.0	0.0
False ceiling	6.3	1.1	0.3	-0.7
Paints	-7.1	-3.7	-1.0	6.8
Glass	2.3	-4.4	2.7	-14.1
Pipes				
(PVC) Pipes	0.4	-5.6	6.1	0.6
(UPVC) Pipes	-8.1	1.2	2.4	-1.2
Wires				
Small building	3.2	-0.1	10.4	-7.6
Apartments	0.8	-1.3	16.8	-6.4
Residential towers	-0.4	0.6	4.5	-3.7
Power cable	-5.2	13.2	4.4	-5.0
Transport equipment	-0.3	0.3	7.2	7.6
Employment / with all services	-8.1	-2.0	9.7	-2.7
Diesel	-21.1	20.0	30.3	-6.2

Source: Statistics Centre - Abu Dhabi

Figure 1.3.7 Relative Change in Price Averages of the Main Groups of Building Materials in 2019 Compared with 2018



Source: Statistics Center - Abu Dhabi

1.3.7 Industrial Producer Price Index during 2018 and 2019

Economic Activities	Weight of base year	PPI 2018	PPI 2019*	Percentage change
Manufacturing	100.0	81.2	76.7	-5.5
Manufacture of food products	2.9	88.3	87.7	-0.8
Manufacture of beverages	0.8	103.6	100.8	-2.7
Manufacture of textiles	0.3	97.3	92.4	-4.9
Manufacture of wearing apparel	1.2	93.7	94.5	0.8
Manufacture of leather and related products	0.1	97.4	99.2	1.8
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	0.7	69.7	69.9	0.3
Manufacture of paper and paper products	0.4	106.8	97.3	-8.9
Printing and reproduction of recorded media	0.3	117.7	117.9	0.2
Manufacture of coke and refined petroleum products	36.5	66.0	58.2	-11.9
Manufacture of chemicals and chemical products	16.9	68.3	51.7	-24.4
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0.2	90.9	90.9	0.0
Manufacture of rubber and plastics products	1.3	84.9	80.7	-5.0
Manufacture of other non-metallic mineral products	11.0	93.7	91.8	-2.0
Manufacture of basic metals	6.3	93.3	83.6	-10.4
Manufacture of fabricated metal products, except machinery and equipment	9.6	113.2	136.3	20.4
Manufacture of computer, electronic and optical products	0.1	94.9	94.9	0.0
Manufacture of electrical equipment	4.1	88.0	82.5	-6.3
Manufacture of machinery and equipment n.e.c.	0.6	110.8	106.9	-3.5
Manufacture of motor vehicles, trailers and semi-trailers	0.1	108.9	111.1	2.0
Manufacture of other transport equipment	1.6	93.5	103.4	10.6
Manufacture of furniture	0.7	117.0	118.4	1.3
Other manufacturing	0.1	95.1	93.2	-2.1
Repair and installation of machinery and equipment	4.1	99.5	99.3	-0.2

Source: Statistics Centre - Abu Dhabi

* Preliminary data

1.3.8 Industrial Production Index during 2018 and 2019

Economic Activities	Weight of base year	IPI 2018	IPI 2019*	Percentage change
Manufacturing	100.0	116.2	144.4	24.2
Manufacture of food products	2.9	71.8	71.9	0.0
Manufacture of beverages	0.8	76.0	76.8	1.0
Manufacture of textiles	0.3	96.5	107.6	11.4
Manufacture of wearing apparel	1.2	42.6	48.3	13.4
Manufacture of leather and related products	0.1	253.6	297.1	17.2
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	0.7	36.7	51.8	41.4
Manufacture of paper and paper products	0.4	92.4	103.1	11.6
Printing and reproduction of recorded media	0.3	70.9	75.6	6.6
Manufacture of coke and refined petroleum products	36.5	158.3	169.7	7.2
Manufacture of chemicals and chemical products	16.9	115.2	115.7	0.4
Manufacture of pharmaceuticals, medicinal chemical and botanical products	0.2	346.9	29.4	-91.5
Manufacture of rubber and plastics products	1.3	121.7	126.3	3.7
Manufacture of other non-metallic mineral products	11.0	79.2	79.2	0.0
Manufacture of basic metals	6.3	41.8	46.5	11.2
Manufacture of fabricated metal products, except machinery and equipment	9.6	92.7	282.4	204.6
Manufacture of computer, electronic and optical products	0.1	39.9	34.1	-14.7
Manufacture of electrical equipment	4.1	126.2	136.6	8.2
Manufacture of machinery and equipment n.e.c.	0.6	822.2	1576.7	91.8
Manufacture of motor vehicles, trailers and semi-trailers	0.1	43.4	30.1	-30.6
Manufacture of other transport equipment	1.6	56.6	116.2	105.3
Manufacture of furniture	0.7	80.4	70.1	-12.9
Other manufacturing	0.1	177.5	193.6	9.1
Repair and installation of machinery and equipment	4.1	0.1	0.1	-15.4

Source: Statistics Centre - Abu Dhabi

* Preliminary data

1.3.9 Price indices for Construction Cost Index groups for 2017-2019

Commodity	Weight of base year 2013	CCI 2017	CCI 2018	CCI 2019*
General Index	100.0	96.3	98.5	98.1
Construction materials	13.0	89.7	96.7	97.5
Finishing materials	26.0	105.9	104.2	105.2
Electrical works materials	8.0	102.7	101.7	101.3
Mechanical works - plumbing and drainage materials	4.0	101.5	101.7	102.2
Mechanical works - fire fighting	3.0	114.5	112.2	105.3
Mechanical works - A/C	7.0	105.8	107.9	107.4
Equipment	2.0	134.8	135.7	135.7
Manpower	29.5	82.3	87.4	85.7
Services	4.5	89.2	93.9	93.1
Finances and bonds	3.0	100.0	100.0	100.0

Source: Statistics Centre - Abu Dhabi

* Preliminary data

1.3.10 Monthly agriculture producer price Index for the period of 2018-2019 (2016=100)

Month	2018	2019
January	87.2	98.7
February	76.6	85.3
March	63.0	75.4
April	84.4	71.9
May	84.0	72.6
June	88.9	64.5
July	114.9	83.3
August	117.8	65.8
September	117.3	68.8
October	130.6	78.0
November	133.9	83.8
December	121.6	100.6

Source: Statistics Centre - Abu Dhabi

1.3.11 Education price index by regions of Abu Dhabi 2019 (2016=100)

Group	Abu Dhabi region	Al Ain region	Al Dhafra region	Abu Dhabi
Education	110.2	110.0	107.8	110.0
Primary and pre-primary education	108.9	111.1	108.2	109.2
high school	113.5	107.0	102.4	111.1
Post-secondary non- tertiary education	112.5	112.5	112.5	112.5
Higher Education	111.1	110.2	109.3	110.8
Education not defined at level	107.1	107.1	107.1	107.1

Source: Statistics Centre - Abu Dhabi

1.3.12 Imports unit value index and relative change for 2019 compared to 2018 by the "Harmonized System"

Group	2018	2019*	Relative Change %
General Index	105.6	126.7	19.9
Live animals	85.1	83.8	-1.6
Vegetable products	78.9	85.5	8.4
Animal or vegetable fats, oil and waxes	124.3	91.7	-26.2
Foodstuffs, beverages, spirits and tobacco	112.6	111.2	-1.2
Mineral products	103.2	108.0	4.7
Products of the chemical or allied industries	124.5	155.8	25.1
Plastics, rubber and articles thereof	86.4	90.6	4.9
Articles of leather and animal gut; travel goods	241.3	244.4	1.3
Articles of wood, crock, basket ware and wickerwork	111.4	103.8	-6.8
Pulp of wood, waste, scrap and articles of paper	116.3	143.0	22.9
Textiles and textile articles	93	159.2	71.2
Footwear, umbrellas, articles of feather and hair	219.2	596.3	172.0
Articles of stone, mica, ceramic products and glass	93.5	139.0	48.7
Pearls, stones, precious metals and its articles	61.4	213.2	247.2
Base metals and articles of base metal	101.4	130.5	28.7
Machinery, sound recorders, reproducers and parts	152.3	226.4	48.6
Vehicles of transport	99.9	103.0	3.2
Photographic, medical, musical instruments and parts	119.5	173.4	45.1
Miscellaneous manufactured articles	186.8	223.0	19.4

Source: Statistics Centre - Abu Dhabi

* Preliminary data

1.3.13 Export unit value index and relative change for 2019 compared to 2018 by the "Harmonized System"

Group	2018	2019*	Relative Change %
General Index	86.6	98.8	12.9
Live animals	222.1	175.2	-26.3
Vegetable products	88.1	150.1	22.7
Animal or vegetable fats, oil and waxes	131.3	91.5	-30.3
Foodstuffs, beverages, spirits and tobacco	88.9	84.6	-3.9
Mineral products	59.4	80.3	19.1
Products of the chemical or allied industries	113.8	108.9	-8.1
Plastics, rubber and articles thereof	81.00	74.10	-9.00
Articles of leather and animal gut; travel goods	47.8	88.2	83.8
Articles of wood, crook, basket ware and wickerwork	238	727.4	139.3
Pulp of wood, waste, scrap and articles of paper	102.1	103.0	0.1
Textiles and textile articles	93.9	90.1	-4.5
Footwear, umbrellas, articles of feather and hair	146.3	-	-
Articles of stone, mica, ceramic products and glass	186.8	138.0	-26.1
Pearls, stones, precious metals and its articles	101.7	-	-
Base metals and articles of base meta	153.8	232.2	78.7
Machinery, sound recorders, reproducers and parts	87.7	153.9	83.0
Vehicles of transport	56.9	97.0	70.5
Photographic, medical, musical instruments and parts	140.4	223.6	50.1
Miscellaneous manufactured articles	94.8	53.2	-43.9

Source: Statistics Centre - Abu Dhabi

* Preliminary data

1.4.1 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 locally Incorporated Banks and branches of Foreign 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 locally Incorporated Banks and branches of Foreign Banks are subsidiaries or branches of overseas banks. The number of registered banks on December 31, 2019 totaled 49 banks, of which six are based in Abu Dhabi.

This section shows that the total value of shares traded on the Abu Dhabi Securities Exchange during 2019 amounted to AED 56.8 billion. The market capitalization of shares in the Abu Dhabi stock market in 2019 rose by 0.5% compared with 2018.

1.4.1 Key Statistics of the Financial and Insurance Activity

Indicators	2016	2017	2018	2019*
Share in GDP at current prices (%)	9.6	9.2	7.6	7.7
Share in non-oil GDP at current prices (%)	14.1	13.9	13.0	13.0
Gross output (% of GDP at current prices)	11.5	10.8	9.0	9.1
Capital formation (% of GDP at current prices)	0.5	0.3	0.3	0.3
Compensation of employees (Million AED)	13,629	12,325	11,731	11,945

Source: Statistics Centre-Abu Dhabi

* Preliminary estimates

1.4.2 Key Statistics of the Abu Dhabi Securities Market

Indicators	2011	2016	2017	2018	2019
Total listed domestic companies	64	65	66	67	67
Total listed foreign companies	3	3	3	3	3
Market capitalization (Billion AED)	262	444.2	457.3	528.5	531.1
Market capitalization (% of GDP at current prices)	30.9	58.4	56.2	56.8	56.7
Value traded (Billion AED)	24.9	49	48.1	39.6	56.8
Value traded (% of GDP at current prices)	2.9	6.4	5.9	4.3	6.1
Shares Turnover Ratio (%) (No. of Domestic Traded Shares / No. of Domestic Issued shares)	24.3	33.7	26.2	14.0	13.9
INDEX (Points)	2,402	4,546	4,398	4,915	5,075

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

1.4.3 Banks Statistics for Abu Dhabi Based Banks, 2018

Indicators	Q1	Q2	Q3	Q4
Net Income for Abu Dhabi based banks (million AED)	10,360	9,594	10,240	11,421
Average compensation of employees per worker for Abu Dhabi based banks (AED)	43,411	38,211	45,736	43,328

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 2019 decreased by 6.3% compared with 2018. The decrease could mainly be attributed to lower Petroleum royalties and tax revenues. Current expenditure as a percentage of total public expenditure increased from 86.3% in 2018 to 87.4% in 2019. The sub items of current transfers, goods and services, and salaries and wages contributed 47.7%, 18.3% and 21.3% of total expenditure respectively.

Capital expenditure as a percentage of total public expenditure decreased from 13.7% in 2018 to 12.6% in 2019. Capital transfers, development expenditures on government projects and capital expenditure on goods and services respectively contributed 7.5%, 4.1% and 1.0% of total expenditure.

1.5.1 Percentage Distribution of Government Revenues

(%)

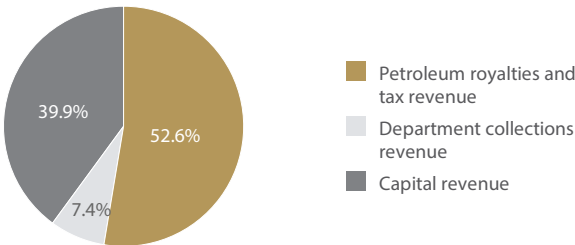
Item	2011	2016	2017	2018	2019
Total	100	100	100	100	100
Petroleum royalties and tax revenue	90.6	28.8	47.0	56.1	52.6
Department collections revenue	6.5	7.5	6.8	3.9	7.4
Capital revenue	2.9	63.7	46.2	40.1	39.9

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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

Figure 1.5.1 Percentage Distribution of Government Revenues, 2019



Source: Statistics Centre-Abu Dhabi

1.5.2 Percentage Distribution of Public Expenditures

(%)

Item	2011	2016	2017	2018	2019*
Total	100	100	100	100	100
Current expenditures	66.2	82.5	85.8	86.3	87.4
Salaries and wages	10.8	18.0	20.9	21.4	21.3
Goods and services	11.4	13.1	19.7	20.1	18.3
Current transfers	44.0	51.4	45.1	44.8	47.7
Capital expenditures	33.8	17.5	14.2	13.7	12.6
Development expenditures on government projects	9.7	6.4	4.3	3.3	4.1
Capital expenditures on goods & services	0.7	0.8	1.0	0.7	1.0
Capital transfers	23.4	10.3	8.9	9.7	7.5

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

1.5.3 Percentage Distribution of Public Expenditures by Type

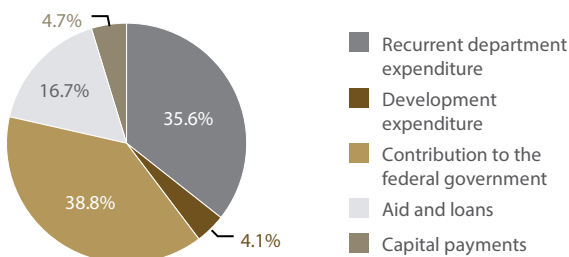
(%)

Item	2011	2016	2017	2018	2019*
Total expenditure	100	100	100	100	100
Recurrent department expenditure	26.8	32.3	38.3	36.4	35.6
Development expenditure	9.7	6.4	4.3	3.3	4.1
Contribution to the federal government	30.9	35.4	38.4	39.1	38.8
Aid and loans	25.7	21.7	15.2	17.1	16.7
Capital payments	6.9	4.2	3.9	4.0	4.7

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

Figure 1.5.2 Percentage Distribution of Public Expenditure by Type, 2019



Source: Statistics Centre - Abu Dhabi

1.6.1 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 248,668 million in 2018 to AED 250,749 million in 2019. The main economic activities contributing to the growth in 2019 were 'Electricity, gas, water supply; waste management', 'Arts, recreation and other services' and 'Transportation and storage' with increases of 5.2%, 3.2% and 2.6% respectively.

1.6.1 Compensation of Employees by Economic Activity at Current Prices

(Million AED)

Economic Activity	2010	2016	2017	2018	2019*
Total	138,576	226,921	240,220	248,668	250,749
Agriculture, forestry and fishing	1,394	2,056	2,127	2,189	2,211
Mining and quarrying (includes crude oil and natural gas)	8,265	16,996	17,846	18,816	19,150
Manufacturing	11,044	19,002	20,152	18,771	18,894
Electricity, gas, and water supply; waste management	2,176	2,366	2,791	3,630	3,820
Construction	23,638	29,345	29,119	29,479	29,836
Wholesale and retail trade; repair of motor vehicles and motorcycles	8,281	14,158	14,323	14,618	14,779
Transportation and storage	6,934	13,610	13,054	13,178	13,525
Accommodation and food services	3,172	5,440	5,900	6,898	7,066
Information and communication	4,740	4,857	5,316	5,336	5,423
Financial and insurance	7,743	13,629	12,325	11,731	11,945
Real estate	1,692	2,784	3,251	2,833	2,860
Professional, scientific and technical	9,449	10,450	12,233	14,109	14,296
Administrative and support services	3,388	7,409	7,582	7,436	7,597
Public administration and defence; compulsory social security	30,662	55,309	61,358	65,181	64,489
Education	6,334	12,060	13,153	13,364	13,554
Human health and social work	6,883	10,902	12,393	13,322	13,585
Arts, recreation and other services	1,210	1,507	1,724	1,634	1,686
Activities of households as employers	1,572	5,042	5,573	6,142	6,034

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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

(%)

Economic Activity	2010	2016	2017	2018	2019*
Total	28.8	2.6	5.9	3.5	0.8
Agriculture, forestry and fishing	-3.0	1.7	3.4	2.9	1.0
Mining and quarrying (includes crude oil and natural gas)	3.4	-8.1	5.0	5.4	1.8
Manufacturing	8.1	-0.1	6.1	-6.9	0.7
Electricity, gas, and water supply; waste management	15.9	-0.2	18.0	30.0	5.2
Construction	46.2	-3.2	-0.8	1.2	1.2
Wholesale and retail trade; repair of motor vehicles and motorcycles	25.4	7.9	1.2	2.1	1.1
Transportation and storage	35.8	14.2	-4.1	0.9	2.6
Accommodation and food services	55.7	3.9	8.5	16.9	2.4
Information and communication	13.3	-12.0	9.4	0.4	1.6
Financial and insurance	40.1	4.3	-9.6	-4.8	1.8
Real estate	-13.9	20.6	16.8	-12.8	0.9
Professional, scientific and technical	58.5	-5.6	17.1	15.3	1.3
Administrative and support services	-10	7.0	2.3	-1.9	2.2
Public administration and defence; compulsory social security	49.1	5.6	10.9	6.2	-1.1
Education	4.8	8.1	9.1	1.6	1.4
Human health and social work	22.1	5.6	13.7	7.5	2.0
Arts, recreation and other services	17.2	6.1	14.4	-5.2	3.2
Activities of households as employers	4.6	12.0	10.5	10.2	-1.8

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

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


(%)

Economic Activity	2010	2016	2017	2018	2019*
Total	21.7	29.8	29.5	26.7	27.4
Agriculture, forestry and fishing	0.2	0.3	0.3	0.2	0.2
Mining and quarrying (includes crude oil and natural gas)	1.3	2.2	2.2	2.0	2.1
Manufacturing	1.7	2.5	2.5	2.0	2.1
Electricity, gas, and water supply; waste management	0.3	0.3	0.3	0.4	0.4
Construction	3.7	3.9	3.6	3.2	3.3
Wholesale and retail trade; repair of motor vehicles and motorcycles	1.3	1.9	1.8	1.6	1.6
Transportation and storage	1.1	1.8	1.6	1.4	1.5
Accommodation and food services	0.5	0.7	0.7	0.7	0.8
Information and communication	0.7	0.6	0.7	0.6	0.6
Financial and insurance	1.2	1.8	1.5	1.3	1.3
Real estate	0.3	0.4	0.4	0.3	0.3
Professional, scientific and technical	1.5	1.4	1.5	1.5	1.6
Administrative and support services	0.5	1.0	0.9	0.8	0.8
Public administration and defence; compulsory social security	4.8	7.3	7.5	7.0	7.0
Education	1	1.6	1.6	1.4	1.5
Human health and social work	1.1	1.4	1.5	1.4	1.5
Arts, recreation and other services	0.2	0.2	0.2	0.2	0.2
Activities of households as employers	0.2	0.7	0.7	0.7	0.7

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates



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

2. Industry and Business

- Investment climate
- Manufacturing
- Oil and Gas
- Petrochemicals
- Electricity
- Construction
- Transportation
- ICT
- Hotels

2. Industry and Business

The key indicators in the Industry and Business chapter provide statistical data on all economic activities of the Emirate of Abu Dhabi and reflect the growing economy of the Emirate. The 'Mining and quarrying' activity is particularly important. Manufacturing activity accounted for 6.3% based on preliminary estimates of the GDP in 2019.

In the "Tourism" activity, the total number of hotel establishments was 168 in 2019. Over the same period, the number of guests increased by 2.1 %, the number of rooms by 3.9 % and the occupancy rate was 72.9%, while the average length of stay reached 2.6 nights.

In the "Transport" activity, the number of passengers travelling through the Emirate's airports totaled 21.2 million during 2019 compared with 21.4 million during 2018.

In the "Information and communication" activity, the number of fixed telephone subscriptions was 17 per 100 inhabitants, and the fixed broadband subscribers was 29 per 100 inhabitants in 2019.

2019	Total Number of Business Licenses (New & renewed)	97,874
	Production of Petrochemicals Products (Metric Tons)	6,705,449
	Domestic Sales of Petrochemical Products (Metric Tons)	282,146
	Number of Passengers Using the Emirate's Airports (Million)	21.2
	Fixed Telephone Subscribers Per 100 Inhabitants	17
	Fixed broadband subscribers per 100 Inhabitants	29
	Number of Hotel Establishments	168
	Number of Hotel Establishments Guests (Thousand)	5,137

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 18,452 new business licenses were registered in 2019, while 4,542 licenses were cancelled during the same year.

2.1.1 General Indicators of the Business Environment

Indicators	2016	2017	2018	2019
Number of registered new business licenses	8,963	9,417	11,249	18,452
Number of renewed business licenses	77,709	82,325	79,224	79,422
Number of canceled business licenses	2,114	2,596	3,867	4,542

Source: Department of Economic Development

2.1.2 Key Statistics of Wholesales and Retail Trade and Repairing Services

Indicators	2016	2017	2018	2019*
Share in GDP (%)	6.3	5.8	5.2	5.2
Share in non-oil GDP (%)	9.2	8.8	8.9	8.7
Gross Output (% of GDP)	8.5	8.0	7.3	7.2
Capital Formation (% of GDP)	0.5	0.4	0.4	0.4
Compensation of Employees (Million AED)	14,158	14,323	14,618	14,779

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 6.3% based on preliminary estimates of the GDP in 2019 and 10.6% based on preliminary estimates of the non- oil GDP in 2019.

2.2.1 Key Statistics of the Manufacturing Activity

Indicators	2016	2017	2018	2019*
Share in GDP at current prices (%)	6.6	6.7	6.6	6.3
Share in non-oil GDP at current prices (%)	9.6	10.2	11.3	10.6
Gross output (% of GDP at current prices)	22.6	22.3	24.0	23.6
Capital formation (% of GDP at current prices)	1.5	1.7	1.9	2.0
Compensation of employees (Million AED)	19,002	20,152	18,771	18,894

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	2017		2018	
	Gross Output	Value Added	Gross Output	Value Added
Total	181,650	56,717	223,743	61,196
Food, beverages and tobacco	9,605	3,543	8,620	3,257
Textiles, garments and leather products	2,403	1,178	2,536	1,221
Wood and wood products	713	265	718	265
Paper, printing, publishing and reproduction media	909	503	987	586
Chemicals and plastics and related products	88,387	22,224	131,873	28,140
Non-metallic mineral products (except oil)	13,016	4,118	11,012	3,590
Manufacture of basic metal	27,822	7,774	33,843	9,448
Structural metal products except machinery and equipment	10,729	4,165	11,073	4,662
Machinery, equipment and devices	8,381	3,061	8,003	3,069
Furniture	982	428	933	426
Repair and installation of machinery, equipment and other manufacturing	18,702	9,458	14,145	6,532

Source: Statistics Centre - Abu Dhabi

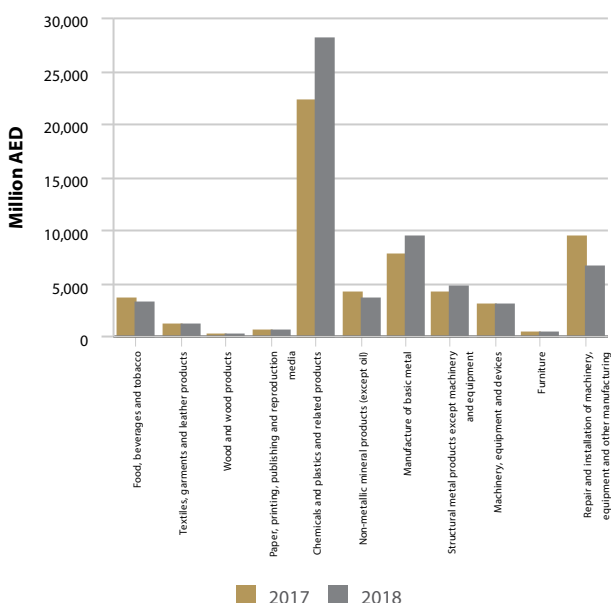
2.2.3 Gross Fixed Capital Formation of the Manufacturing Activity

(Million AED)

Type of Manufacturing Activity	2017	2018
Total	13,874	17,611
Food, beverages and tobacco	636	510
Textiles, garments and leather products	52	28
Wood and wood products	20	17
Paper, printing, publishing and reproduction media	83	78
Chemicals and plastics and related products	8,527	15,024
Non-metallic mineral products (except oil)	728	312
Manufacture of basic metal	1,245	906
Structural metal products except machinery and equipment	616	191
Machinery, equipment and devices	183	187
Furniture	17	15
Repair and installation of machinery, equipment and other manufacturing	1,769	342

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	2016	2017	2018	2019*
Share in GDP at current prices (%)	0.8	0.9	1.0	1.0
Share in non-oil GDP at current prices (%)	1.2	1.4	1.7	1.6
Gross output (% of GDP at current prices)	3.0	3.4	3.6	3.5
Capital formation (% of GDP at current prices)	0.2	0.2	0.1	0.1
Compensation of employees (Million AED)	1,837	1,918	2,061	2,123
Imports (% of total imports)	18.2	18.8	19.7	21.6
Exports (% of total non-oil exports)**	44.8	47.6	48.8	45.6

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

** The date was updated according to the updated methodology from the source.

2.3. Oil and Gas

2.3.1 Key Statistics of Oil and Gas Activity

Indicators	2016	2017	2018	2019*
Share in GDP at current prices (%)	30.9	33.2	40.8	39.8
Gross output (% of GDP at current prices)	33.4	38.6	44.2	39.8
Capital formation (% of GDP at current prices)	7.6	3.8	3.7	3.9
Compensation of employees (Million AED)	14,220	14,327	15,263	15,520

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.

The production of petrochemical products in 2019 amounted to 6.7 million metric tons, while exports of petrochemical products reached 5.4 million metric tons in 2019.

2.4.1 Production and Exports of Petrochemicals Products

(Metric Tons)

Type of Products	2018		2019	
	Production	Exports	Production	Exports
Total	6,800,585	5,074,808	6,705,449	5,439,616
Ammonia	1,236,658	14,499	1,115,682	23,317
Urea fertilizer	2,129,180	2,122,978	1,903,390	1,879,621
Polyethylene	2,472,642	2,132,172	2,285,385	2,228,570
Polypropylene	962,105	805,159	1,400,992	1,308,108

Source: Abu Dhabi National Oil Company - ADNOC

2.4.2 Domestic Sales of Petrochemical Products

(Metric Tons)

Type of Products	2015	2016	2017	2018	2019
Total	464,244	495,864	467,678	274,522	282,146
Urea fertilizer	31,065	31,565	37,465	40,975	39,090
Polyethylene	268,212	293,799	306,639	159,621	153,964
Polypropylene	164,967	170,500	123,574	73,926	89,092

Source: Abu Dhabi National Oil Company - ADNOC

2.5. Electricity

2.5.1. Key Statistics of Electricity Activities

Indicators	2016	2017	2018	2019*
Share in GDP at current prices (%)	4	4.3	3.9	4.2
Share in non-oil GDP at current prices (%)	5.8	6.5	6.7	7.1
Gross output (% of GDP at current prices)	5.6	6	5.4	5.7
Capital formation (% of GDP at current prices)	0.7	0.7	1.0	1.0
Compensation of employees (Million AED)	2,140	2,556	3,402	3,587

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

2.6. Construction

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

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

Construction activity contributed 9.4% based on preliminary estimates of the GDP in 2019.

2.6.1 Key Statistics of the Construction Activity

Indicators	2016	2017	2018	2019*
Share in GDP at current prices (%)	11.2	10.4	9.4	9.4
Share in non-oil GDP at current prices (%)	16.4	15.8	16.2	15.8
Gross output (% of GDP at current prices)	24.6	22.9	20.3	20.1
Capital formation (% of GDP at current prices)	0.5	0.5	0.4	0.4
Compensation of employees (Million AED)	29,345	29,119	29,479	29,836

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

2.7. Transportation

The Abu Dhabi Government attaches increasing attention to the transportation activity as it is considered one of the catalyst activities of economic development in the Emirate. New transport means are created to keep pace with economic and urban development taking place in the Emirate. The existing infrastructure is continuously upgraded to enhance connections between the Emirate's geographical regions and with global markets. Ongoing investment in the Emirate's transport infrastructure contributed to the transport activity maintaining a significant share in Gross Domestic Product. The total aircraft movements in 2019 were about 150 thousand flights compared with 160 thousand flights in 2018. The number of passengers equaled 21.2 million in 2019.

2.7.1 Key Statistics of Transportation and Storage

Indicators	2016	2017	2018	2019*
Share in GDP at current prices (%)	3.6	3.2	2.8	2.9
Share in non-oil GDP at current prices (%)	5.3	4.8	4.8	4.9
Gross output (% of GDP at current prices)	7.7	6.4	5.7	5.9
Capital formation (% of GDP at current prices)	2.2	2.2	1.4	1.5
Compensation of employees (Million AED)	13,610	13,054	13,178	13,525

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

2.7.2 Fuel prices at service stations

Indicator	2016	2017	2018	2019
Pump price for diesel fuel (AED per litre)	1.68	1.99	2.59	2.41
Pump price for gasoline (AED per litre)*	1.56	1.81	2.26	2.04

Source: Statistics Centre - Abu Dhabi

* Pump price of gasoline E-Plus

2.7.3 External Road Details, 2018

(length in km)

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

Source: Department of Municipalities and Transport

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

2.7.4 External Road Details, 2019

(length in km)

Length	Region			
	Abu Dhabi	Al Ain	Al Dhafra	Total
1Lanex2	604	1,026	229	1,859
2Lanesx2	550	1,315	1,967	3,832
3Lanesx2	564	895	664	2,123
4Lanesx2	2,310	391	1,794	4,494
5Lanesx2	555	-	-	555

Source: Department of Municipalities and Transport

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

2.7.5 Length of Internal Roads

(length in km)

Region	2016	2017	2018	2019
Total	17,842	17,904	17,991	27,041
Abu Dhabi Region	14,497	14,552	14,639	15,312
Al Ain Region	2,115	2,115	2,115	5,689
Al Dhafra Region	1,230	1,237	1,237	6,040

Source: Department of Municipalities and Transport

2.7.6 Aircraft Movement by Airport and Month

Airport / Month	2016	2017	2018	2019
Abu Dhabi international airport*	168,535	154,543	133,999	122,667
January	14,233	14,190	12,085	10,572
February	13,092	12,754	10,634	9,282
March	14,117	13,959	11,733	10,148
April	13,718	13,249	11,205	10,119
May	14,137	13,238	11,365	10,050
June	13,538	12,272	11,058	9,890
July	14,478	12,871	11,821	10,854
August	14,681	13,091	11,618	10,987
September	14,201	12,364	10,926	10,279
October	14,402	12,247	10,522	10,401
November	13,853	12,063	10,224	9,925
December	14,085	12,245	10,808	10,160
Al Ain international airport	25,749	29,797	26,082	27,134
January	2,069	2,059	2,640	1,973
February	2,082	2,465	2,574	3,012
March	1,634	2,865	3,226	2,439
April	2,640	3,282	2,015	2,611
May	2,086	2,627	2,165	2,512
June	2,291	2,047	1,713	2,020
July	1,982	2,300	1,254	2,271
August	2,391	2,731	1,398	2,477
September	2,550	2,464	2,049	2,581
October	2,193	2,439	1,988	2,049
November	1,728	2,451	2,810	1,968
December	2,103	2,067	2,250	1,221

Source: Abu Dhabi Airports Company

* Abu Dhabi International Airport figures include Al Bateen executive Airport

2.7.7 Air Transport by Airport, Passengers and Freights

Item	2016	2017	2018	2019
Abu Dhabi international airport*				
Aircraft Movement	168,535	154,543	133,999	122,667
Passengers:				
Arrival	12,139,014	11,678,045	10,633,563	10,564,367
Departure	12,213,371	11,717,679	10,685,185	10,592,215
Transit	129,734	25,869	498	876
Freights (tons):				
In	445,860	408,574	326,255	312,249
Out	354,007	325,716	260,601	246,080
Mail (tons):				
In	5,433	6,973	6,112	4,916
Out	7,847	7,651	6,564	5,427
Al Ain international airport				
Aircraft Movement	25,749	29,797	26,082	27,134
Passengers:				
Arrival	34,579	62,341	44,997	29,011
Departure	30,640	51,709	44,024	26,396
Transit	31,460	22,469	3,534	4,005
Freights (tons):				
In	156	445	208	88
Out	440	732	454	373

Source: Abu Dhabi Airports Company

* Abu Dhabi International Airport figures include Al Bateen Executive Airport

2.7.8 Air Cargo Discharged by Region

(Tons)

Region	2016	2017	2018	2019
Total	445,859	408,574	326,255	312,244
GCC countries	8,848	8,588	8,935	6,353
Other Arab countries	14,902	13,495	8,212	7,089
Asia (except Arab)	221,265	187,804	158,269	155,266
Europe	145,484	139,166	114,620	109,576
North America	16,511	17,416	13,082	10,330
South America	3,528	944	107	-
Africa (except Arab)	15,965	19,782	6,003	10,082
Australia	19,356	21,379	17,026	-
Others	-	-	-	13,547

Source: Abu Dhabi Airports Company

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

2.7.9 Air Cargo Loaded by Region of Destination

(Tons)

Region	2016	2017	2018	2019
Total	354,008	325,716	260,601	246,238
GCC countries	40,565	32,200	25,524	9,258
Other Arab countries	17,191	15,033	11,601	19,177
Asia (except Arab)	115,902	108,416	89,140	80,113
Europe	131,218	125,342	105,207	112,945
North America	14,000	15,461	8,116	5,146
South America	1,801	177	282	-
Africa (except Arab)	21,541	16,183	7,937	9,282
Australia	11,790	12,904	12,793	-
Others	-	-	-	10,318

Source: Abu Dhabi Airports Company

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

2.7.10 Air Passengers Arrivals by Region of Embarkation

Region	2016	2017	2018	2019
Total	12,139,014	11,678,045	10,633,563	10,605,130
GCC countries	1,805,190	1,529,150	1,529,342	1,566,496
Other Arab countries	707,983	705,680	549,675	-
Asia (except Arab)	5,114,609	4,995,176	4,480,589	4,495,649
Europe	2,852,072	2,851,746	2,693,737	2,883,599
North America	635,293	652,836	515,467	461,649
South America	89,781	25,012	-	-
Africa (except Arab)	318,721	281,123	247,633	247,474
Australia	610,998	632,415	612,659	523,883
Others	4,367	4,907	4,461	426,380

Source: Abu Dhabi Airports Company

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

2.7.11 Air Passengers Departures by Region of Disembarkation

Region	2016	2017	2018	2019
Total	12,213,371	11,717,679	10,685,185	10,552,328
GCC countries	1,909,195	1,543,583	1,428,784	1,550,188
Other Arab countries	708,865	711,669	555,373	-
Asia (except Arab)	4,956,530	4,927,300	4,492,522	4,568,191
Europe	2,947,608	2,934,192	2,833,688	2,752,821
North America	691,663	669,497	571,308	460,447
South America	90,026	24,573	-	-
Africa (Except Arab)	301,343	265,693	218,709	275,276
Australia	603,853	636,026	581,014	532,019
Others	4,288	5,146	3,787	413,386

Source: Abu Dhabi Airports Company

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

2.7.12 Main Indicators for Goods Vessels Movement

Item	2016	2017	2018	2019
Number of vessels	40,548	36,299	32,037	35,843
Container TEUs*				
Total TEUs	1,531,384	1,400,436	1,737,096	2,401,316
Discharged	761,780	689,260	874,177	1,233,721
Loaded	769,604	711,176	862,919	1,167,595
General cargo (metric tons)				
Total cargo	17,825,624	18,568,887	19,732,477	22,466,143
Discharged	16,731,767	17,632,183	17,082,674	20,646,120
Loaded	1,093,857	936,704	2,649,804	1,820,022
Vehicle unit				
Total units	119,758	135,247	143,154	148,179
Discharged	105,147	121,490	141,515	141,754
Loaded	14,611	13,757	1,639	6,425

Source: Abu Dhabi Port Company

* Twenty-foot Equivalent Unit (TEU)

2.7.13 Distribution of Container TEUs Incoming and Outgoing by Region

Region	2018		2019	
	Incoming	Outgoing	Incoming	Outgoing
Total	874,177	862,919	1,233,721	1,167,595
United Arab Emirates*	514,619	383,702	445,932	377,185
Other GCC Countries	115,812	64,696	241,788	194,624
Total Middle East (Non- GCC)	27,043	7,215	21,313	23,078
Indian Sub Continent	14,155	74,989	36,845	180,800
South East Asia	22,788	65,508	15,585	36,908
Far East	66,779	213,578	80,327	226,289
North Africa	3,517	8,591	14,621	16,519
South Africa	19,819	207	38,086	455
East Africa	23,421	11,636	24,938	47,285
West Africa	204	94	518	-
Western Europe	4,483	887	56,219	7,862
Mediterranean	31,358	17,515	141,194	37,836
Scandinavia	241	21	2,497	-
Eastern Europe	4,877	124	17,730	-
North America	11,732	6,155	48,199	16,390
Caribbean	841	542	845	1,682
Central America	70	35	1,001	4
South America	8,772	108	32,433	-
Australasia	2,420	-	12,114	-
Others	1,226	7,316	1,536	678

Source: Abu Dhabi Port Company

* Containers TEUs of UAE are from other emirates of UAE

2.7.14 Post Offices and Mail Boxes

Item	2017	2018	2019
Number of post offices	34	32	29
Number of mail boxes for private and Corporate	110,684	96,876	144,024
Number of mail boxes for public	79	78	81

Source: Emirates Post

2.7.15 Postal Traffic by Type

Postal Traffic	2017	2018	2019
Registered letters			
Internal	984,778	716,859	630,595
External outgoing	52,166	45,782	38,749
External incoming	349,062	293,697	292,612
Parcels			
Internal	726	404	473
External outgoing	40,898	36,285	30,721
External incoming	31,039	38,587	34,526
Express mail			
Internal	20,740	20,228	13,378
External outgoing	31,784	60,108	24,639
External incoming	57,105	28,986	56,951

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 29, and the Fixed telephone subscribers per 100 inhabitants totaled 17 in 2019.

2.8.1 Key Statistics of Information and Communication Technology

Indicators	2016	2017	2018	2019*
Share in GDP at current prices (%)	2.9	2.9	2.6	2.8
Share in non-oil GDP at current prices (%)	4.3	4.4	4.4	4.6
Gross output (% of GDP at current prices)	4.5	4.5	4.0	4.1
Capital formation (% of GDP at current prices)	0.3	0.4	0.3	0.4
Compensation of employees (Million AED)	4,857	5,316	5,336	5,423

Source: Statistics Centre - Abu Dhabi

* Preliminary estimates

2.8.2 The Information and Communication Technology Indicators

Indicators	2016	2017	2018	2019
Fixed broadband subscribers per 100 inhabitants	12	12	27	29
Fixed telephone subscribers per 100 inhabitants	15	15	16	17
Mobile cellular subscribers per 100 inhabitants	146	166	173	194
Percentage of population covered by mobile network	100	100	100	100

Source: Telecommunications Regulatory Authority

2.8.3 Tariff of Telecommunications Services

(AED/Month)

Type of Services	Tariff				
	2015	2016	2017	2018	2019
Consumer fixed broadband internet access tariff (256 kbps)	149	69	69	69	69
Business fixed broadband internet access tariff (512 Mbps)	375	375	375	375	375
Fixed line telephone tariff:					
Home user	39	39	39	39	39
Business user	95	95	95	95	95
Mobile cellular prepaid tariff (100 minutes/month)	20	14	13	13	13

Source: Telecommunications Regulatory Authority

2.9. Hotels

The tourism sector is one of the most important sectors in the Emirate of Abu Dhabi because of its significant role in driving the economy forward, by supporting and diversifying the economy and revitalizing and activating other sectors. The Emirate of Abu Dhabi has shown great interest in tourism by improving the level of services in the hotel sector, as well as setting up events and festivals that have had a clear role in attracting tourists from all over the world. Statistics Centre-Abu Dhabi has developed a range of hotel sector indicators.

The number of hotel establishments reached 168 in 2019 while, the number of guest nights increased by 3.9% compared with the previous year. In 2019, the number of guests totaled about 5.1 million, an increase of 2.1% compared with the previous year. The occupancy rate was 72.9% in 2019, compared with 71.8% in 2018.

2.9.1 Key Statistics of the Hotel Establishments Activity

Item	2016	2017	2018	2019
Number of hotel establishments	169	162	168	168
Number of rooms	30,602	30,869	32,971	32,818
Number of guests (Thousand)	4,439	4,846	5,030	5,137
Number of guestnights (Thousand)	12,032	12,317	12,915	13,425
Average length of stay (nights)	2.7	2.5	2.6	2.6
Occupancy rate (%)	73.0	71.5	71.8	72.9
ARR: Average room rate (AED)	397	369	352	369
Rev PAR: Revenue per available room (AED)	290	264	253	269

Source: Department of Culture and Tourism

2.9.2 Hotel Establishments Indicators by Type, 2019

Item	Hotel	Hotel Apartments	Total
Number of hotel establishments	123	45	168
Number of rooms	27,146	5,672	32,818
Number of guests (Thousand)	4,693	443	5,137
Number of guestnights (Thousand)	10,904	2,521	13,425
Average length of stay (nights)	2.3	5.7	2.6
Occupancy rate (%)	71.4	80.3	72.9
ARR: Average room rate (AED)	391	275	369
Rev PAR: Revenue per available room (AED)	279	221	269

Source: Department of Culture and Tourism

2.9.3 Hotel Establishments Indicators by Region, 2019

Item	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Total
Number of hotel establishments	138	19	11	168
Number of hotel rooms	29,142	2,493	1,183	32,818
Number of guests (Thousand)	4,499	500	137	5,137
Number of guest nights (Thousand)	12,220	910	294	13,425
Average length of stay (nights)	2.7	1.8	2.1	2.6
Occupancy rate (%)	74.9	60.9	47.5	72.9

Source: Department of Culture and Tourism

2.9.4 Guests of Hotel Establishments by Nationality

Nationality	2016	2017	2018	2019
Total	4,439,133	4,846,145	5,029,999	5,136,540
United Arab Emirates	1,464,110	1,496,947	1,480,389	1,477,292
Other GCC countries	291,522	284,560	283,914	296,235
Other Arab countries	524,594	537,398	565,184	595,289
Asia (except Arab)	1,029,152	1,237,995	1,352,165	1,396,235
Australia and Pacific	60,476	62,916	62,425	61,776
Africa (except Arab)	64,816	73,108	82,885	95,251
Europe	746,141	838,751	912,881	910,042
North and South America	210,285	252,649	289,528	304,173
Not Specified	48,037	61,821	628	247

Source: Department of Culture and Tourism

2.9.5 Guestnights of Hotel Establishments by Nationality

Nationality	2016	2017	2018	2019
Total	12,031,567	12,316,663	12,915,371	13,424,632
United Arab Emirates	3,228,614	3,108,797	3,086,985	2,980,691
Other GCC countries	651,778	604,161	618,361	647,100
Other Arab countries	1,322,513	1,342,108	1,468,732	1,573,065
Asia (except Arab)	2,544,572	2,591,284	2,908,006	3,191,386
Australia and Pacific	186,553	176,046	175,107	186,566
Africa (except Arab)	200,751	207,789	231,843	268,125
Europe	2,923,512	3,242,544	3,546,242	3,653,601
North and South America	867,996	908,694	878,102	923,713
Not Specified	105,278	135,240	1,993	385

Source: Department of Culture and Tourism

2.9.6 Guests of Hotel Establishments by Nationality and Classification, 2019

Nationality	5- stars	4- stars	3- stars or less	Hotel Apartments	Total
Total	2,316,338	1,614,917	762,021	443,264	5,136,540
United Arab Emirates	707,355	480,713	158,024	131,200	1,477,292
Other GCC countries	134,913	88,084	39,571	33,667	296,235
Other Arab countries	200,739	202,532	128,343	63,675	595,289
Asia (except Arab)	486,699	497,592	294,810	117,134	1,396,235
Australia and Pacific	30,015	15,867	10,682	5,212	61,776
Africa (except Arab)	28,694	30,144	25,283	11,130	95,251
Europe	557,999	220,914	75,309	55,820	910,042
North and South America	169,800	78,978	29,973	25,422	304,173
Not Specified	124	93	26	4	247

Source: Department of Culture and Tourism

* Includes: 3, 2 and 1 stars hotel establishments

2.9.7 Guestnights for Hotel Establishments by Nationality and Classification, 2019

Nationality	5- stars	4- stars	3- stars or less	Hotel Apartments	Total
Total	5,789,737	3,354,011	1,760,311	2,520,573	13,424,632
United Arab Emirates	1,386,900	793,885	315,390	484,516	2,980,691
Other GCC countries	290,765	183,494	77,270	95,571	647,100
Other Arab countries	462,271	429,149	294,868	386,777	1,573,065
Asia (except Arab)	904,210	919,625	626,582	740,969	3,191,386
Australia and Pacific	74,979	42,751	21,468	47,368	186,566
Africa (except Arab)	72,231	77,220	64,119	54,555	268,125
Europe	2,190,448	700,704	269,169	493,280	3,653,601
North and South America	407,728	207,068	91,413	217,504	923,713
Not Specified	205	115	32	33	385

Source: Department of Culture and Tourism

* Includes: 3, 2 and 1 stars hotel establishments

2.9.8 Average Length of Stay for Hotel Establishments by Nationality

Nationality	2018	2019	Difference (%)
Average	2.6	2.6	1.8
United Arab Emirates	2.1	2.0	-3.2
Other GCC countries	2.2	2.2	0.3
Other Arab countries	2.6	2.6	1.7
Asia (except Arab)	2.2	2.3	6.3
Australia and Pacific	2.8	3.0	7.7
Africa (except Arab)	2.8	2.8	0.6
Europe	3.9	4.0	3.3
North and South America	3.0	3.0	0.1
Not Specified	3.2	1.6	-50.9

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

2.9.9 Occupancy Rate of Hotel Establishments by Month

(%)

Month	2016	2017	2018	2019
Average	73.0	71.5	71.8	72.9
January	76.9	75.4	75.1	78.6
February	77.4	77.0	78.4	78.3
March	82.7	74.9	79.9	79.7
April	77.1	75.9	78.2	78.4
May	75.0	65.2	61.9	52.7
June	54.2	52.1	55.7	63.4
July	64.7	61.7	64.9	66.0
August	70.2	65.7	66.2	67.5
September	70.1	70.8	67.1	72.3
October	72.5	78.9	73.8	79.8
November	79.8	82.7	81.9	82.4
December	74.8	78.7	78.4	76.7

Source: Department of Culture and Tourism

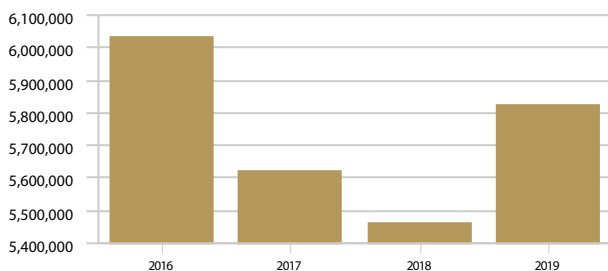
2.9.10 Total Revenue of Hotel Establishments

(Thousand AED)

Item	2016	2017	2018	2019
Total revenue	6,032,722	5,622,010	5,463,574	5,825,798
Room revenue	3,159,557	2,941,710	2,884,932	3,189,314
Food & beverage revenue	2,099,201	1,970,099	1,927,220	2,021,193
Other revenue	773,963	710,202	651,422	615,291

Source: Department of Culture and Tourism

Figure 2.9.1 Total Revenue of Hotel Establishments



Source: Department of Culture and Tourism





3. Population and Demography

- Population
- Vital statistics

3. Population and Demography

The population estimates describe the size, regional distribution and age and gender structure of the population of the Abu Dhabi Emirate for mid-year 2016. Statistics and corresponding key indicators on births, deaths, marriages and divorce for the calendar year 2019 describe the vital events affecting population change.

The resident population of the Abu Dhabi Emirate was 2,908,173 people at mid-year 2016. The estimated population in Abu Dhabi Region was 1.81 million (62.1%), Al Ain Region 0.77 million (26.4%), and Al Dhafra 0.33 million (11.5%). In Abu Dhabi, fertility is higher than most developed regions of the world, and mortality remains extremely low. In 2019, Crude Birth Rates and Crude Death Rates were 14.5 births and 1.3 deaths per 1000 population respectively.

Total Population (Mid-Year Estimate 2016)	2,908,173
Males (Mid-Year Estimate 2016)	1,857,618
Females (Mid-Year Estimate 2016)	1,050,555
Average Annual Population Growth Rate (2010- 2016) (%)	5.6
Age Dependency Ratio 2016	21.3
Age Dependency Ratio, Old 2016	1.1
Age Dependency Ratio, Young 2016	20.1
General Fertility Rate (Births per 1000 Women Aged 15 - 49 Years) 2019	52.7
Crude Birth Rate (Births per 1000 Population) 2019	14.5
Crude Death Rate (Deaths per 1000 Population) 2019	1.3
Infant Mortality Rate (Deaths per 1000 Live Births) 2018	6.4
Under 5 Mortality Rate (Deaths per 1000) 2018	8.6
Life Expectancy at Birth for Male Citizens (Years) 2019	76.0
Life Expectancy at Birth for Female Citizens (Years) 2019	81.5
Median Age at Marriage for Males (Years) 2019	29.3
Median Age at Marriage for Females (Years) 2019	26.3

3.1. Population

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

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

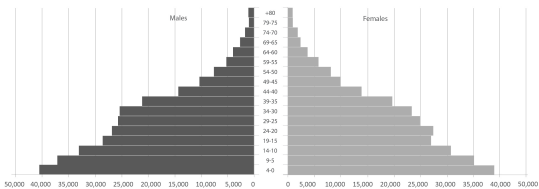
Of the total Abu Dhabi Emirate population, 551,535 (19.0%) are Emirati citizens. Of the citizens, 293,860 (53.3%) live in Abu Dhabi Region, and 226,285 (41.0%) in Al Ain Region, and 31,390 (5.7%) in Al Dhafra Region.

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

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

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

Figure 3.1.1 Population Pyramid for Citizens, Mid 2016



3.1.1 Population by Gender and Citizenship, Census Years

(Persons)

Census Year and Gender	Citizens	Non-Citizens	Total
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	7.7
Males	9.4	5.5	3.6	9
Females	12.6	4.6	5	5
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
Non-Citizens	1,656,997	2,356,638	6
Males	1,236,296	1,574,986	4.1
Females	420,701	781,652	10.9

Source: Statistics Centre - Abu Dhabi

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 Dhafra 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 Dhafra Region			
2010	212.5	30	242.4
2016	283.9	50.1	334

Source: Statistics Centre - Abu Dhabi

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

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

(Thousand Persons)

Region / Citizenship / Gender	2010	2014	2015	2016
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 Dhafra 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 by row may not add to 100.0 due to rounding.

3.2. Vital Statistics

Births and Deaths

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

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

The number of births in the Abu Dhabi Emirate in 2019 was 37,160 comprising 19,225 males and 17,935 females.

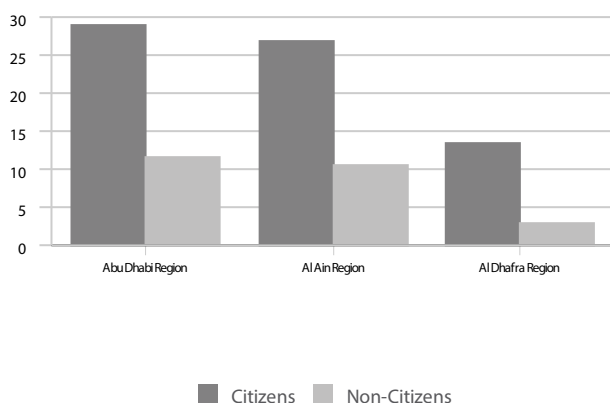
The 2019 Crude Birth Rates were for citizens 27.5 non-citizens 10.4 and the population as a whole 14.5 births per 1,000 population, respectively.

The number of deaths during the same year was 3,230 including 2,150 males and 1,077 females. The 2019 Crude Death Rates for citizens, non-citizens and the population as a whole were 1.9, 1.0 and 1.3 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.

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 2019, life expectancy at birth for Abu Dhabi Emirate was 76.0 years for male citizens, and 81.5 years for female citizens. The proportion of births likely to survive to an age of 65 years were 86.4% and 92.4% 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 91.9% and 96.1% respectively.

Figure 3.2.1 Crude Birth Rate by Citizenship and Region, 2019



Source: Statistics Centre - Abu Dhabi

3.2.1 Sex Ratio at Birth by Citizenship, Abu Dhabi Emirate

(Males per 100 Females)

Citizenship	2010	2017	2018	2019
Total	104.4	104.4	104.4	107.2
Citizens	102.3	105.0	106.4	109.6
Non-Citizens	106.1	103.9	102.8	105.2

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Department of Health - Abu Dhabi data, Feb 2020

3.2.2 Sex Ratio at Birth by Citizenship and Region, 2019

(Males per 100 Females)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	107.2	106.9	108.3	107.2
Citizens	109.9	108.9	110.9	109.6
Non-Citizens	105.4	104.3	106.6	105.2

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Department of Health - Abu Dhabi data, Feb 2020

3.2.3 Births by Citizenship, Region and Gender, 2019

(Births)

Citizenship, Region and Gender	Males	Females	Total
Grand Total	19,225	17,935	37,160
Abu Dhabi Region	12,496	11,654	24,150
Al Ain Region	6,080	5,685	11,765
Al Dhafra Region	573	529	1,102
Abroad	76	67	143
Citizens	8,716	7,954	16,670
Abu Dhabi Region	4,930	4,485	9,415
Al Ain Region	3,476	3,191	6,667
Al Dhafra Region	234	211	445
Abroad	76	67	143
Non-Citizens	10,475	9,959	20,434
Abu Dhabi Region	7,536	7,149	14,685
Al Ain Region	2,600	2,492	5,092
Al Dhafra Region	339	318	657
Abroad	0	0	0
Not Stated	34	22	56
Abu Dhabi Region	30	20	50
Al Ain Region	4	2	6
Al Dhafra Region	0	0	0

Source: Department of Health - Abu Dhabi

Preliminary: Based on Department of Health - Abu Dhabi data, Feb 2020

3.2.4 Crude Birth Rate by Citizenship, Abu Dhabi Emirate

(Births per 1000 Population)

Citizenship	2010	2017	2018	2019
Total	14.1	13.6	13.7	14.5
Citizens	31.2	29.6	29.1	27.5
Non-Citizens	9.6	9.4	9.6	10.4

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Department of Health - Abu Dhabi data, Feb 2020

3.2.5 Crude Birth Rate by Citizenship and Region, 2019

(Births per 1000 Population)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	15.3	16.0	4.4	14.5
Citizens	28.9	26.8	13.4	27.5
Non-Citizens	11.7	10.5	3.0	10.4

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Department of Health - Abu Dhabi data, Feb 2020

3.2.6 General Fertility Rate by Citizenship and Region, 2019

(Births per 1000 Female Population 15-49 Years)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	51.2	56.5	44.4	52.7
Citizens	111.6	97.0	72.0	104.7
Non Citizens	37.9	36.5	35.2	37.5

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Department of Health - Abu Dhabi data, Feb 2020

3.2.7 Total Fertility Rate by Citizenship and Region, 2019

(Children per Woman)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	1.4	1.7	1.3	1.5
Citizens	3.6	3.4	2.4	3.5
Non Citizens	1.0	1.0	1.0	1.0

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Department of Health - Abu Dhabi data, Feb 2020

3.2.8 Age Specific Fertility Rates by Age Group and Region, 2019

(Births per 1000 Female Population age 15-49)

Age Group	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
15-19	6.9	6.4	6.4	6.8
20-24	44.0	40.5	37.8	42.7
25-29	68.5	75.7	57.7	70.4
30-34	77.8	99.2	70.8	83.2
35-39	57.4	79.4	55.6	63.3
40-44	22.7	32.3	23.9	25.4
45-49	2.8	4.5	5.5	3.3

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Department of Health - Abu Dhabi data, Feb 2020

3.2.9 Deaths by Citizenship, Region and Gender, 2019

(Deaths)

Citizenship, Region and Gender	Males	Females	Total
Grand Total	2,150	1,077	3,230
Abu Dhabi Region	1,360	650	2,013
Al Ain Region	674	385	1,059
Al Dhafra Region	84	14	98
Abroad	32	28	60
Citizens	694	468	1,163
Abu Dhabi Region	406	268	675
Al Ain Region	239	163	402
Al Dhafra Region	19	9	28
Abroad	30	28	58
Non-Citizens	1,449	607	2,057
Abu Dhabi Region	952	382	1,335
Al Ain Region	433	220	653
Al Dhafra Region	62	5	67
Abroad	2	0	2

Source: Department of Health - Abu Dhabi

Preliminary: Based on Department of Health - Abu Dhabi data, Feb 2020

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

(Deaths per 1000 Population)

Citizenship and Gender	2010	2017	2018	2019
Grand Total	1.4	1.1	1.2	1.3
Males	1.4	1.2	1.4	1.4
Females	1.3	0.9	1.0	1.1
Citizens	2.2	2.0	2.1	1.9
Males	2.5	2.4	2.5	2.2
Females	1.8	1.6	1.6	1.6
Non-Citizens	1.1	0.9	1.0	1.0
Males	1.2	1.0	1.1	1.2
Females	1.0	0.7	0.7	0.9

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Department of Health - Abu Dhabi data, Feb 2020

3.2.11 Crude Death Rate by Citizenship, Gender and Region, 2019

(Deaths per 1000 Population)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Grand Total	1.3	1.4	0.4	1.3
Males	1.5	1.6	0.4	1.4
Females	1.0	1.3	0.4	1.1
Citizens	2.1	1.6	0.8	1.9
Males	2.5	1.9	0.9	2.2
Females	1.7	1.3	0.7	1.6
Non-Citizens	1.1	1.3	0.3	1.0
Males	1.3	1.4	0.3	1.2
Females	0.8	1.2	0.2	0.9

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Department of Health - Abu Dhabi data, Feb 2020

3.2.12 Age Specific Death Rate by Age Group and Gender, 2019

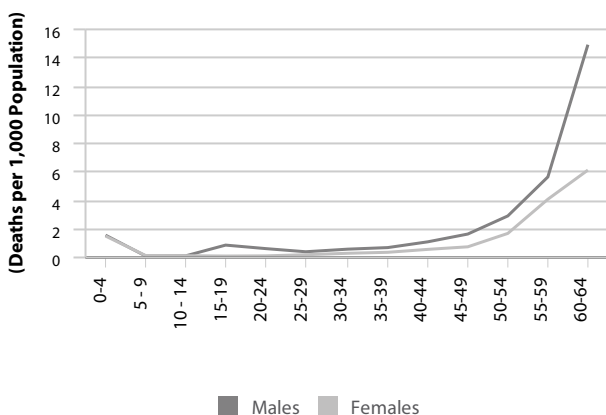
(Deaths per 1000 Population)

Age Group	Males	Females	Total
Total	1.4	1.1	1.3
0-4	1.6	1.5	1.5
5-9	0.1	0.1	0.1
10-14	0.1	0.1	0.1
15-19	0.9	0.1	0.5
20-24	0.6	0.1	0.4
25-29	0.4	0.2	0.3
30-34	0.6	0.3	0.5
35-39	0.7	0.4	0.6
40-44	1.1	0.6	0.9
45-49	1.6	0.7	1.3
50-54	2.9	1.7	2.5
55-59	5.7	4.1	5.0
60-64	14.9	6.1	10.6
65-69	27.7	14.4	20.6
70-74	35.7	27.3	31.4
75-79	74.5	42.5	56.9
80+	130.6	111.7	120.3

Source: Statistics Centre - Abu Dhabi

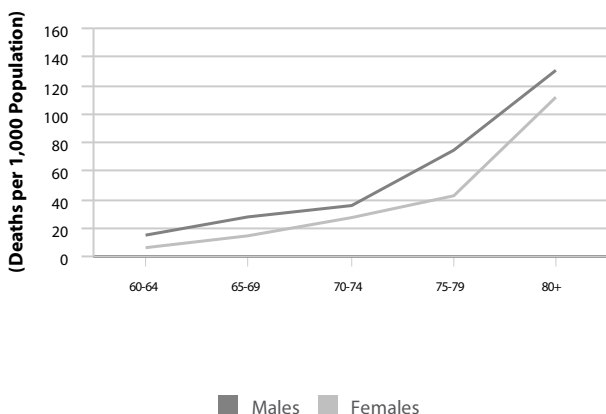
Preliminary: Based on Department of Health - Abu Dhabi data, Feb 2020

Figure 3.2.2 Age Specific Deaths Rate for 0 to 64 Years by Gender, 2019



Source: Statistics Centre - Abu Dhabi

Figure 3.2.3 Age Specific Deaths Rate for 65 Years and Older by Gender, 2019



Source: Statistics Centre - Abu Dhabi

3.2.13 Deaths by Region, Citizenship, Gender and Age at Death, 2019

(Deaths)

Region, Citizenship and Gender	Deaths (All Ages)	Neonatal Deaths (Below 1 Month)	Infant Deaths (Under 1 Year)	Child Deaths (1-4 Years)
Abu Dhabi Emirate	3,230	119	204	58
Abu Dhabi Region	2,013	75	129	34
Al Ain Region	1,059	43	71	20
Al Dhafra Region	98	1	2	2
Abroad	60	0	2	2
Citizenship				
Citizens	1,163	53	89	29
Non-Citizens	2,057	63	113	29
Gender				
Males	2,150	55	102	34
Females	1,077	63	100	24
Not Stated	3	1	2	0

Source: Department of Health - Abu Dhabi

Preliminary: Based on Department of Health - Abu Dhabi data, Feb 2020

* There are 10 cases not started citizenship

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

(Deaths per 1000 Live Births)

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

Source: Statistics Centre - Abu Dhabi

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

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

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

(Deaths per 1000 Live Births)

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

Source: Statistics Centre - Abu Dhabi

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

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

3.2.16 Rate of Natural Increase by Citizenship and Region, 2019

(Per 100 Population)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Total	1.4	1.5	0.4	1.3
Citizens	2.7	2.5	1.3	2.6
Non-Citizens	1.1	0.9	0.3	0.9

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Department of Health - Abu Dhabi data, Feb 2020

3.2.17 Life Expectancy at Birth for Citizens by Gender

(Years)

Year	2016	2017	2018	2019
Citizens	77.3	78.2	78.0	78.3
Males	75.9	76.4	75.4	76.0
Females	79.5	80.2	81.4	81.5

Source: Statistics Centre - Abu Dhabi

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

3.2.18 Births Surviving to Age 65 Years for Citizens by Gender

(%)

Year	2016	2017	2018	2019
Citizens	88.3	89.1	88.8	89.2
Males	85.8	86.7	86.1	86.4
Females	91.3	92.4	92.0	92.4

Source: Statistics Centre - Abu Dhabi

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

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

(%)

Year	2016	2017	2018	2019
Citizens	93.1	93.6	93.6	93.9
Males	91.1	91.7	91.5	91.9
Females	95.3	96.4	95.8	96.1

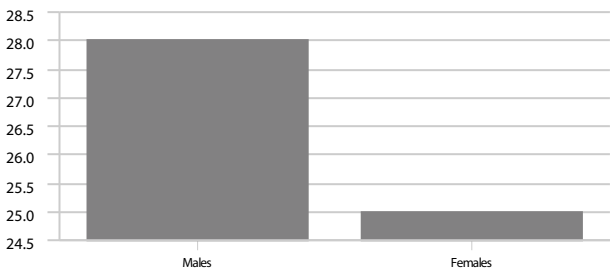
Source: Statistics Centre - Abu Dhabi

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

Marriage and Divorce

Marriages are measured as the number of registered marriage contracts. According to Emirate of Abu Dhabi - Judicial Department statistics there were 5,506 new marriage contracts registered in 2019 and 3,014 of these marriages the wife was an Emirati citizen. The median age at marriage for Abu Dhabi Emirate in 2019 was 29.3 years for males and 26.3 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 2019 was 2,086 of which 1,067 divorces involved female Emirati citizens.

Figure 3.2.4 Median Age at Marriage for Citizens by Gender, 2019



Source: Statistics Centre - Abu Dhabi

3.2.20 Registered Marriages by Region, Citizenship and Gender, 2015-2019

(Marriage Contracts)

Region, Citizenship and Gender	2015	2016	2017	2018	2019
Abu Dhabi Emirate	6,037	5,892	5,703	5,467	5,506
Citizens					
Males	3,789	3,698	3,718	3,477	3,516
Females	3,403	3,327	3,254	3,028	3,014
Non-Citizens					
Males	2,248	2,194	1,985	1,990	1,990
Females	2,634	2,565	2,449	2,439	2,492
Abu Dhabi Region	3,557	3,410	3,349	3,237	3,254
Citizens					
Males	1,973	1,906	1,944	1,844	1,854
Females	1,712	1,668	1,628	1,538	1,518
Non-Citizens					
Males	1,584	1,504	1,405	1,393	1,400
Females	1,845	1,742	1,721	1,699	1,736
Al Ain Region	2,273	2,299	2,138	2,013	2,071
Citizens					
Males	1,631	1,653	1,589	1,447	1,514
Females	1,525	1,519	1,456	1,319	1,356
Non-Citizens					
Males	642	646	549	566	557
Females	748	780	682	694	715
Al Dhafra Region	207	183	216	217	181
Citizens					
Males	185	139	185	186	148
Females	166	140	170	171	140
Non-Citizens					
Males	22	44	31	31	33
Females	41	43	46	46	41

Source: Emirate of Abu Dhabi - Judicial Department

Preliminary: Based on Judicial department - Abu Dhabi, Feb 2020

3.2.21 Median Age at Marriage by Citizenship, Gender and Region, 2019

(Years)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Grand Total				
Males	30.2	28.3	28.1	29.3
Females	27.1	25.1	24.7	26.3
Citizens				
Males	28.4	27.3	28.0	27.8
Females	25.3	24.3	24.3	24.7
Non-Citizens				
Males	32.2	48.0	28.5	31.8
Females	28.6	27.0	25.8	28.2

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Judicial department - Abu Dhabi, Feb 2020

3.2.22 Crude Marriage Rate by Citizenship, Gender and Region, 2019

(Per 1000 Population)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Male Citizens	11.3	12.2	7.2	11.4
Female Citizens	9.4	10.9	11.1	10.1
Male Non-Citizens	1.9	1.8	0.2	1.6
Female Non-Citizens	3.5	4.0	1.6	3.5

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Judicial department - Abu Dhabi, Feb 2020

3.2.23 General Marriage Rates by Citizenship, Gender and Region, 2019

(Per 1000 Population 15 Years and older)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Male Citizens	18.9	19.4	10.0	18.4
Female Citizens	15.1	16.8	18.4	16.0
Male Non-Citizens	2.1	2.0	0.2	1.8
Female Non-Citizens	4.1	4.8	2.1	4.2

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Judicial department - Abu Dhabi, Feb 2020

3.2.24 Refined Marriage Rates by Citizenship, Gender and Region, 2019

(Per 1000 unmarried Population 15 Years and older)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Male Citizens	48.3	50.9	32.8	48.4
Female Citizens	35.5	37.4	47.5	36.8
Male Non-Citizens	7.0	6.4	0.6	5.8
Female Non-Citizens	12.0	11.7	6.1	11.7

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Judicial department - Abu Dhabi, Feb 2020

3.2.25 Registered Divorces by Region, Citizenship and Gender, 2015-2019

(Registered Divorces)

Region, Citizenship and Gender	2015	2016	2017	2018	2019
Abu Dhabi Emirate	1,813	1,922	1,859	2,025	2,086
Citizens					
Males	1,090	1,200	1,228	1,321	1,338
Females	865	978	981	1,047	1,067
Non-Citizens					
Males	723	722	631	704	748
Females	948	944	878	978	1,019
Abu Dhabi Region	1,205	1,276	1,243	1,347	1,436
Citizens					
Males	679	733	781	811	861
Females	534	603	617	622	669
Non-Citizens					
Males	526	543	462	536	575
Females	671	673	626	725	767
Al Ain Region	545	579	560	606	589
Citizens					
Males	359	413	402	456	432
Females	291	331	332	383	360
Non-Citizens					
Males	186	166	158	150	157
Females	254	248	228	223	229
Al Dhafra Region	63	67	56	72	61
Citizens					
Males	52	54	45	54	45
Females	39	44	32	42	38
Non-Citizens					
Males	11	13	11	18	16
Females	24	23	24	30	23

Source: Emirate of Abu Dhabi - Judicial Department

Preliminary: Based on Judicial department - Abu Dhabi, Feb 2020

3.2.26 Crude Divorce Rate by Citizenship, Gender and Region, 2019

(Per 1000 Population)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Male Citizens	5.3	3.5	2.2	4.3
Female Citizens	4.1	2.9	3.0	3.6
Male Non-Citizens	0.8	0.5	0.1	0.6
Female Non-Citizens	1.5	1.3	0.9	1.4

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Judicial department - Abu Dhabi, Feb 2020

3.2.27 General Divorce Rate by Citizenship, Gender and Region, 2019

(Per 1000 Population 15 Years and older)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Male Citizens	8.8	5.5	3.0	7.0
Female Citizens	6.7	4.5	5.0	5.6
Male Non-Citizens	0.9	0.6	0.1	0.7
Female Non-Citizens	1.8	1.5	1.2	1.7

Source: Source : Statistics Centre - Abu Dhabi

Preliminary: Based on Judicial department - Abu Dhabi, Feb 2020

3.2.28 Refined Divorce Rate by Citizenship, Gender and Region, 2019

(Per 1000 married Population 15 Years and older)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Male Citizens	14.4	8.9	4.4	11.3
Female Citizens	11.6	8.1	8.2	10.0
Male Non-Citizens	1.2	0.8	0.1	0.9
Female Non-Citizens	2.8	2.6	1.7	2.7

Source: Statistics Centre - Abu Dhabi

Preliminary: Based on Judicial department - Abu Dhabi, Feb 2020





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.

2019	Schools	449
	Pupils	386,722
	Pupils per Teacher	13.3
	Hospital	64
	Physicians per 1000 populations	4.0
	Visitors of Museums	1,202,449
	Benefits of Social Aid Paid (million AED)	909.6

4.1. Education

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

This section provides detailed statistics on education for the academic year 2018-19. The total number of schools in Abu Dhabi Emirate was 499 of which 251 were government schools and 198 were private schools, comprising 16,681 classrooms. In these schools there were 386,722 pupils, 29,094 teachers and 9,849 administrators. The number of pupils per teacher was 13.3 and the number of pupils per classroom was 23.2.

In the school year in 2018-19, 35.7% of pupils were enrolled in government education, while 64.3% of them were enrolled in private education, up from 58.9% in 2010-11. The number of female pupils per 100 male pupils in all education stages for the Abu Dhabi Emirate was 96.0.

The number of Emirati pupils enrolled up to the secondary stage was 180,999, representing 46.8% of all pupils. The school gross enrolment ratio for 2018-19 was 97.9% in the first education cycle, 99.0 % in the second cycle and 95.2% in the secondary Stage.

Progression ratios to secondary school were 95.3% for both genders (95.7% for males and 94.9% for females). 23,492 students progressed to secondary school in 2018-19.

There were 6,905 students enrolled in literacy and adult education centers and home schooling, of which 71.1% were citizens. This type of education employed 213 teachers, including 75.1% citizens.

Total enrolments in higher education were 56,289 in the academic year 2018-19, of which 76.4% were citizens. 11,573 students graduated from higher education, of whom 61.3% were graduates from the government universities and institutions, and 70.7% were citizen graduates in the academic year 2018-19.

Government Education

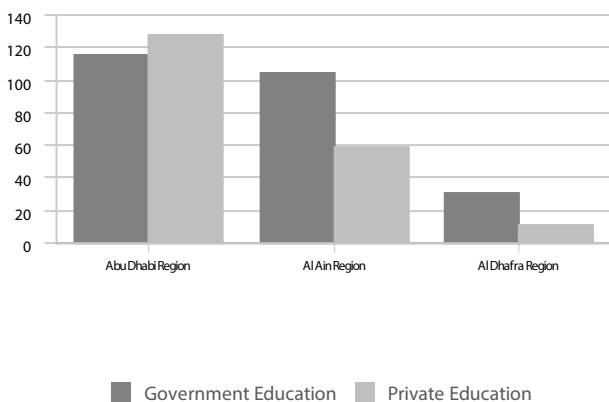
Schools	251
Classrooms	5,785
Pupils	137,979
Teachers	10,441
Administrators	3,707

Private Education

Schools	198
Classrooms	10,896
Pupils	248,743
Teachers	18,653
Administrators	6,142

Total Education

Pupils per teacher	13.3
Pupils per classroom	23.2
Gross Enrollment ratio, first cycle (5 years primary education stage)	98.4

Figure 4.1.1 Number of Schools by Region and Sector, 2018-19

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

4.1.1 Government and Private Schools by Educational Stage, 2018-19

Stage	Government	Private	Total
Total	251	198	449
Kindergarten	53		53
Cycle1	29	-	29
Cycle2	35	-	35
Secondary	33	-	33
Multi-Stage	101	198	299

Source: Department of Education and Knowledge

4.1.2 Higher Education Institutions by Type and Sector*

Type	2015-16	2016-17	2017-18	2018-19
Total	24	22	24	32
Government	14	12	12	21
Private	10	10	11	11

Source: Department of Education and Knowledge

* number of student are from 28 universities only

4.1.3 Government and Private Classrooms by Educational Stage, 2018-19

Stage	Government	Private	Total
Total	5,785	10,896	16,681
Kindergarten	857	2,075	2,932
Cycle1	1,723	4,348	6,071
Cycle2	1,618	2,793	4,411
Secondary	1,587	1,680	3,267

Source: Department of Education and Knowledge

4.1.4 Government and Private Pupils by Educational Stage, 2018-19

Stage	Government	Private	Total
Total	137,979	248,743	386,722
Kindergarten	20,134	45,726	65,860
Cycle1	39,345	88,466	127,811
Cycle2	40,500	67,755	108,255
Secondary	38,000	46,796	84,796

Source: Department of Education and Knowledge

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

Item	2015-16	2016-17	2017-18	2018-19
Total Education				
Schools	442	441	452	449
Classrooms	17,118	16,712	16,258	16,681
Pupils	366,029	373,586	377,919	386,722
Teachers	23,745	26,953	29,486	29,094
Administrators	10,265	12,145	12,513	9,849
Government Education				
Schools	255	250	255	251
Classrooms	5,646	5,707	5,901	5,785
Pupils	129,794	132,098	135,865	137,979
Teachers	11,786	11,430	11,293	10,441
Administrators	3,872	3,973	3,931	3,707
Private Education				
Schools	187	191	197	198
Classrooms	11,472	11,005	10,357	10,896
Pupils	236,235	241,488	242,054	248,743
Teachers	11,959	15,523	18,193	18,653
Administrators	6,393	8,172	8,582	6,142

Source: Department of Education and Knowledge

* Table comprises all stages

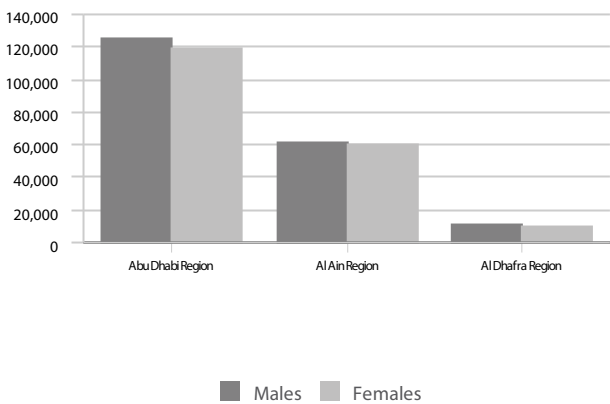
4.1.6 Pupils, Teachers and Administrators by Region, Gender and Sector, 2018-19*

Region, Gender and Sector	Pupils	Teachers	Administrators
Total Education			
Abu Dhabi Emirate	386,722	29,094	9,849
Males	197,294	7,015	2,902
Females	189,428	22,079	6,947
Abu Dhabi Region	244,202	18,070	5,954
Males	124,810	4,025	1,848
Females	119,392	14,045	4,106
Al Ain Region	122,117	9,336	3,335
Males	61,987	2,480	883
Females	60,130	6,856	2,452
Al Dhafra Region	20,403	1,688	560
Males	10,497	510	171
Females	9,906	1,178	389
Government Education			
Abu Dhabi Emirate	137,979	10,441	3,707
Males	66,311	2,992	830
Females	71,668	7,449	2,877
Abu Dhabi Region	68,513	4,878	1,710
Males	33,079	1,404	401
Females	35,434	3,474	1,309
Al Ain Region	59,098	4,611	1,671
Males	28,175	1,264	343
Females	30,923	3,347	1,328
Al Dhafra Region	10,368	952	326
Males	5,057	324	86
Females	5,311	628	240
Private Education			
Abu Dhabi Emirate	248,743	18,653	6,142
Males	130,983	4,023	2,072
Females	117,760	14,630	4,070
Abu Dhabi Region	175,689	13,192	4,244
Males	91,731	2,621	1,447
Females	83,958	10,571	2,797
Al Ain Region	63,019	4,725	1,664
Males	33,812	1,216	540
Females	29,207	3,509	1,124
Al Dhafra Region	10,035	736	234
Males	5,440	186	85
Females	4,595	550	149

Source: Department of Education and Knowledge

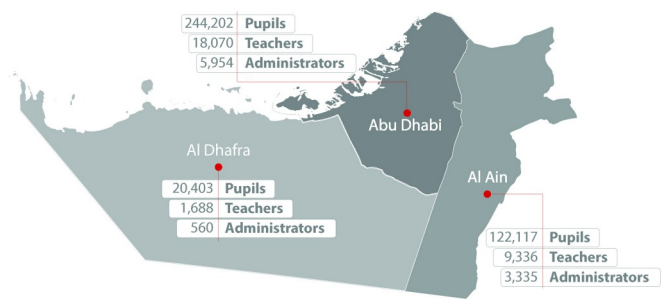
* Table comprises all stages

Figure 4.1.2 Pupils by Region and Gender in Government and Private Education, 2018-19



Source: Department of Education and Knowledge

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



4.1.7 Pupils in Government and Private Schools by Educational Stage and Gender and Females per 100 Males, 2018-19

Stage	Males	Females	Total	Females per 100 Males
Total Education	197,294	189,428	386,722	96.0
Kindergarten	33,820	32,040	65,860	94.7
Cycle1	65,380	62,431	127,811	95.5
Cycle2	55,464	52,791	108,255	95.2
Secondary	42,630	42,166	84,796	98.9
Government Education	66,311	71,668	137,979	108.1
Kindergarten	10,016	10,118	20,134	101.0
Cycle1	18,873	20,472	39,345	108.5
Cycle2	19,359	21,141	40,500	109.2
Secondary	18,063	19,937	38,000	110.4
Private Education	130,983	117,760	248,743	89.9
Kindergarten	23,804	21,922	45,726	92.1
Cycle1	46,507	41,959	88,466	90.2
Cycle2	36,105	31,650	67,755	87.7
Secondary	24,567	22,229	46,796	90.5

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

4.1.8 Percent of Pupils in Government Schools by Region, Citizenship, Gender and Educational Stage, 2018-19*

(%)

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate	30.8	37.4	44.8	35.7
Males	28.9	34.9	42.4	33.6
Females	32.8	40.0	47.3	37.8
Citizens	55.5	62.7	70.5	61.2
Males	51.7	58.5	66.7	57.6
Females	59.4	67.0	74.2	64.8
Non-Citizens	10.7	14.9	20.8	13.3
Males	10.4	14.4	20.4	12.9
Females	10.9	15.3	21.2	13.6
Abu Dhabi Region	23.5	30.4	36.3	28.1
Males	21.9	28.8	34.3	26.5
Females	25.1	32.0	38.4	29.7
Citizens	48.6	57.1	63.9	54.6
Males	45.1	53.9	59.9	51.4
Females	52.3	60.4	67.9	57.9
Non-Citizens	6.9	10.3	14.4	8.9
Males	6.9	10.3	14.1	8.8
Females	7.0	10.2	14.7	9.0
Al Ain Region	43.9	49.3	56.3	48.4
Males	41.5	45.3	52.9	45.5
Females	46.4	53.5	59.6	51.4
Citizens	65.0	70.9	78.3	69.8
Males	61.5	66.0	74.9	66.2
Females	68.6	75.8	81.5	73.4
Non-Citizens	17.0	21.0	27.5	19.7
Males	16.3	19.5	26.3	18.7
Females	17.8	22.7	28.9	20.8
Al Dhafra Region	42.2	50.4	70.6	50.8
Males	39.3	45.7	70.0	48.2
Females	45.3	55.4	71.2	53.6
Citizens	59.4	64.9	84.9	68.8
Males	51.8	55.6	82.2	62.7
Females	68.0	74.6	87.4	75.2
Non-Citizens	29.6	40.3	59.8	37.3
Males	29.9	38.8	61.4	37.4
Females	29.3	41.8	58.0	37.1

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

* Excluding Kindergarten Pupils

4.1.9 Percent of Pupils in Private Schools by Region, Citizenship, Gender and Educational Stage, 2018-19*

(%)

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate	69.2	62.6	55.2	64.3
Males	71.1	65.1	57.6	66.4
Females	67.2	60.0	52.7	62.2
Citizens	44.5	37.3	29.5	38.8
Males	48.3	41.5	33.3	42.4
Females	40.6	33.0	25.8	35.2
Non-Citizens	89.3	85.1	79.2	86.7
Males	89.6	85.6	79.6	87.1
Females	89.1	84.7	78.8	86.4
Abu Dhabi Region	76.5	69.6	63.7	71.9
Males	78.1	71.2	65.7	73.5
Females	74.9	68.0	61.6	70.3
Citizens	51.4	42.9	36.1	45.4
Males	54.9	46.1	40.1	48.6
Females	47.7	39.6	32.1	42.1
Non-Citizens	93.1	89.7	85.6	91.1
Males	93.1	89.7	85.9	91.2
Females	93.0	89.8	85.3	91.0
Al Ain Region	56.1	50.7	43.7	51.6
Males	58.5	54.7	47.1	54.5
Females	53.6	46.5	40.4	48.6
Citizens	35.0	29.1	21.7	30.2
Males	38.5	34.0	25.1	33.8
Females	31.4	24.2	18.5	26.6
Non-Citizens	83.0	79.0	72.5	80.3
Males	83.7	80.5	73.7	81.3
Females	82.2	77.3	71.1	79.2
Al Dhafra Region	57.8	49.6	29.4	49.2
Males	60.7	54.3	30.0	51.8
Females	54.7	44.6	28.8	46.4
Citizens	40.6	35.1	15.1	31.2
Males	48.2	44.4	17.8	37.3
Females	32.0	25.4	12.6	24.8
Non-Citizens	70.4	59.7	40.2	62.7
Males	70.1	61.2	38.6	62.6
Females	70.7	58.2	42.0	62.9

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

* Excluding Kindergarten Pupils

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

(Citizen Pupils per 100 Non-Citizen Pupils)

Region and Sector	2015-16	2016-17	2017-18	2018-19
Total Education	77.1	79.6	83.7	88
Abu Dhabi Region	62.9	65	68.5	72
Al Ain Region	117	120.4	127.1	134
Al Dhafra Region	63.5	67.5	70	75
Government Education	364	381.6	393.2	406
Abu Dhabi Region	400.8	428.2	436.3	442
Al Ain Region	425.7	444.3	464.1	474
Al Dhafra Region	111.3	113.4	119	139
Private Education	32.2	33.8	35.9	39
Abu Dhabi Region	28.1	29.7	32	36
Al Ain Region	43.6	44.9	46.8	50
Al Dhafra Region	35.2	38.3	38.5	37

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

4.1.11 The Determined ones in Government and Private Education by Disability Type and Region, 2018-19

Disability Type	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Total
Total	4,925	2,415	358	7,698
learning disabilities	2,102	1,163	260	3,525
Visually impaired students	210	129	8	347
Students with hearing disabilities	246	138	14	398
Students of speech and language disorders	605	235	16	856
Students with Physically disabled	704	314	25	1,043
Students with health problems	231	155	4	390
Emotional behavioral disability	152	51	1	204
Autism spectrum disorders	335	80	11	426
Intellectual disability and mental impairment	294	135	14	443
Other Disabilities	46	15	5	66

Source: Department of Education and Knowledge

4.1.12 Teachers by Educational Stage and Gender in Government Education, 2018-19

Stage	Males	Females	Total
Total	2,992	7,449	10,441
Kindergarten*	1	1,058	1,059
Cycle 1	99	1,113	1,212
Cycle 2	767	586	1,353
Secondary	896	760	1,656
Multi-Stage	1,229	3,932	5,161

Source: Department of Education and Knowledge

4.1.13 Teachers by Region, Citizenship, Gender and Educational Stage in Government Education, 2018-19*

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate	1,212	1,353	1,656	4,221
Males	99	767	896	1,762
Females	1,113	586	760	2,459
Citizens	601	457	537	1,595
Males	17	131	92	240
Females	584	326	445	1,355
Non-Citizens	611	896	1,119	2,626
Males	82	636	804	1,522
Females	529	260	315	1,104
Abu Dhabi Region	511	626	810	1,947
Males	53	364	438	855
Females	458	262	372	1,092
Citizens	249	176	194	619
Males	12	68	47	127
Females	237	108	147	492
Non-Citizens	262	450	616	1,328
Males	41	296	391	728
Females	221	154	225	600
Al Ain Region	506	687	788	1,981
Males	35	363	400	798
Females	471	324	388	1,183
Citizens	298	281	343	922
Males	5	63	45	113
Females	293	218	298	809
Non-Citizens	208	406	445	1,059
Males	30	300	355	685
Females	178	106	90	374
Al Dhafra Region	195	40	58	293
Males	11	40	58	109
Females	184	0	0	184
Citizens	54	0	0	54
Males	0	0	0	0
Females	54	0	0	54
Non-Citizens	141	40	58	239
Males	11	40	58	109
Females	130	0	0	130

Source: Department of Education and Knowledge

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

4.1.14 Teachers by Region,Citizenship and Gender in Private Education, 2018-19 *

Region and Citizenship	Males	Females	Total
Abu Dhabi Emirate	4,023	14,630	18,653
Citizens	38	183	221
Non-Citizens	3,985	14,447	18,432
Abu Dhabi Region	2,621	10,571	13,192
Citizens	27	129	156
Non-Citizens	2,594	10,442	13,036
Al Ain Region	1,216	3,509	4,725
Citizens	11	37	48
Non-Citizens	1,205	3,472	4,677
Al Dhafra Region	186	550	736
Citizens	0	17	17
Non-Citizens	186	533	719

Source: Department of Education and Knowledge

4.1.15 Number of Pupils per Teacher by Region, Educational Stage and Gender in Government Education, 2018-19

Region and Stage	Males	Females	Total
Abu Dhabi Emirate	19.6	10.0	13.1
Cycle1	-	-	11.9
Cycle2	15.2	12.8	14.2
Secondary	13.9	13.2	13.6
Multi-Stage	22.2	9.9	12.8
Abu Dhabi Region	20.6	10.8	14.0
Cycle1	-	-	12.1
Cycle2	16.3	13.2	15.0
Secondary	14.3	13.8	14.1
Multi-Stage	24.7	10.9	14.1
Al Ain Region	20.0	9.5	12.6
Cycle1	-	-	12.0
Cycle2	14.6	12.5	13.6
Secondary	14.0	12.7	13.4
Multi-Stage	24.4	9.0	12.2
Al Dhafra Region	13.7	8.5	10.4
Cycle1	-	-	11.4
Cycle2	10.1	0.0	10.1
Secondary	10.7	0.0	10.7
Multi-Stage	10.9	9.7	10.1

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

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

4.1.16 Number of Pupils per Classroom and Number of Teachers per Classroom by Region and Educational Stage in Government Education, 2018-19*

Region and Gender	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate				
Pupils/Classroom	22.5	26.0	26.4	23.9
Teachers/Classroom	0.7	0.8	1.0	0.9
Abu Dhabi Region				
Pupils/Classroom	23.8	26.4	26.7	25.6
Teachers/Classroom	0.6	0.8	1.1	0.8
Al Ain Region				
Pupils/Classroom	22.2	24.4	23.3	23.3
Teachers/Classroom	0.6	1.0	1.2	0.9
Al Dhafra Region				
Pupils/Classroom	20.5	20.2	16.6	18.8
Teachers/Classroom	1.4	0.3	0.3	0.6

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

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

4.1.17 Pupils per Classroom by Region and Educational Stage in Private Education, 2018-19

Region	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate	20.3	24.3	27.9	22.8
Abu Dhabi Region	20.8	24.7	28.8	23.2
Al Ain Region	19.6	23.4	25.3	21.9
Al Dhafra Region	18.5	23.4	32.5	21.6

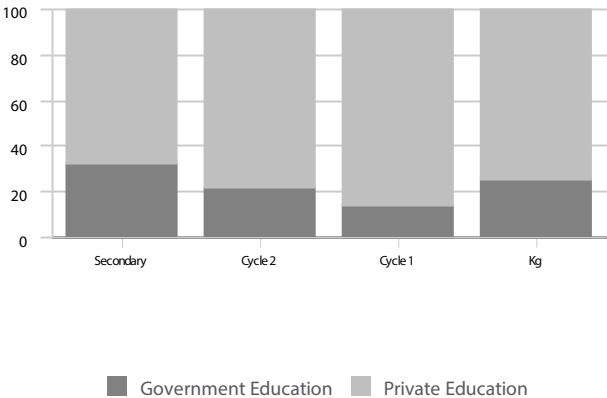
Source: Statistics Centre - Abu Dhabi, Department of Education and Knowledge

4.1.18 Pupils per Teacher and Number of Teachers per Classroom by Region in Private Education, 2018-19

Region	Pupils per Teacher	Teachers per Classroom
Abu Dhabi Emirate	13.3	1.7
Abu Dhabi Region	13.5	1.8
Al Ain Region	13.1	1.7
Al Dhafra Region	12.1	1.7

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

Figure 4.1.4 Percentage Distribution of Pupils by Sector & Stage , 2018-19



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

Educational Enrollment Ratios

4.1.19 Gross Enrollment Ratio by Educational Stage and Gender, 2018-19

Stage	Males	Females	Total
Kindergarten	106.21	103.64	104.94
Grade 1	110.35	107.20	108.78
Cycle1	96.72	99.07	97.85
Cycle2	96.15	102.15	98.98
Secondary	97.73	92.83	95.23

Source: Statistics Centre - Abu Dhabi

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

Region	2015-16	2016-17	2017-18	2018-19
Abu Dhabi Emirate	64.5	64.6	64	64.3
Abu Dhabi Region	71.3	71.6	71.3	71.9
Al Ain Region	53.5	53.3	52.2	51.6
Al Dhafra Region	52	50.4	49.6	49.2

Source: Statistics Centre - Abu Dhabi

* Table comprises all stages

Progression

4.1.21 Percent of Progression to Secondary School by Gender, 2018-19*

Stage	Males	Females	Both Genders
Class 9 (2018-19)	11,854	11,638	23,492
Class 8 (2017-18)	12,381	12,268	24,649
%	95.7	94.9	95.3

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

* School cycles has been changed to include four classes in each cycle

Adult Education

4.1.22 Literacy Centres, Adult Education and Home Schooling by Type

Centers	2015-16	2016-17	2017-18	2018-19
Total	96	108	132	120
Family Development	1	1	1	1
Centres	28	28	33	21
Home Schooling	67	79	98	98

Source: Department of Education and Knowledge

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

Region and Gender	2015-16	2016-17	2017-18	2018-19
Abu Dhabi Emirate	96	108	132	119
Males	47	51	70	61
Females	49	57	62	58
Abu Dhabi Region	24	37	57	53
Males	12	17	35	32
Females	12	20	22	21
Al Ain Region	47	46	49	45
Males	23	22	22	20
Females	24	24	27	25
Al Dhafra Region	25	25	26	21
Males	12	12	13	9
Females	13	13	13	12

Source: Department of Education and Knowledge

4.1.24 Pupils in Literacy Centres and Adult Education by Region, Citizenship, Gender and Stage, 2018-19

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate	516	1,323	5,066	6,905
Males	79	407	2,723	3,209
Females	437	916	2,343	3,696
Citizens	281	746	3,882	4,909
Males	28	274	2,215	2,517
Females	253	472	1,667	2,392
Non-Citizens	235	577	1,184	1,996
Males	51	133	508	692
Females	184	444	676	1,304
Abu Dhabi Region	255	666	2,765	3,686
Males	22	187	1,541	1,750
Females	233	479	1,224	1,936
Citizens	124	351	2,083	2,558
Males	0	107	1,251	1,358
Females	124	244	832	1,200
Non-Citizens	131	315	682	1,128
Males	22	80	290	392
Females	109	235	392	736
Al Ain Region	206	504	1,865	2,575
Males	45	180	932	1,157
Females	161	324	933	1,418
Citizens	121	299	1,472	1,892
Males	17	132	769	918
Females	104	167	703	974
Non-Citizens	85	205	393	683
Males	28	48	163	239
Females	57	157	230	444
Al Dhafra Region	55	153	436	644
Males	12	40	250	302
Females	43	113	186	342
Citizens	36	96	327	459
Males	11	35	195	241
Females	25	61	132	218
Non-Citizens	19	57	109	185
Males	1	5	55	61
Females	18	52	54	124

Source: Department of Education and Knowledge

4.1.25 Pupils in Home Schooling by Region, Citizenship, Gender and Stage, 2018-19

Region, Citizenship and Gender	Cycle 2	Secondary	Total
Abu Dhabi Emirate	494	4,255	4,749
Males	268	2,714	2,982
Females	226	1,541	1,767
Citizens	298	3,239	3,537
Males	199	2,207	2,406
Females	99	1,032	1,131
Non-Citizens	196	1,016	1,212
Males	69	507	576
Females	127	509	636
Abu Dhabi Region	264	2,451	2,715
Males	129	1,541	1,670
Females	135	910	1,045
Citizens	148	1,848	1,996
Males	87	1,251	1,338
Females	61	597	658
Non-Citizens	116	603	719
Males	42	290	332
Females	74	313	387
Al Ain Region	186	1,459	1,645
Males	116	923	1,039
Females	70	536	606
Citizens	123	1,146	1,269
Males	90	761	851
Females	33	385	418
Non-Citizens	63	313	376
Males	26	162	188
Females	37	151	188
Al Dhafra Region	44	345	389
Males	23	250	273
Females	21	95	116
Citizens	27	245	272
Males	22	195	217
Females	5	50	55
Non-Citizens	17	100	117
Males	1	55	56
Females	16	45	61

Source: Department of Education and Knowledge

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

Region, Citizenship and Gender	2015-16	2016-17	2017-18	2018-19
Abu Dhabi Emirate	244	229	219	213
Males	22	22	23	23
Females	222	207	196	190
Citizens	163	148	142	160
Males	6	6	7	9
Females	157	142	135	151
Non-Citizens	81	81	77	53
Males	16	16	16	14
Females	65	65	61	39
Abu Dhabi Region	77	78	79	87
Males	22	22	23	22
Females	55	56	56	65
Citizens	53	55	56	66
Males	6	6	7	8
Females	47	49	49	58
Non-Citizens	24	23	23	21
Males	16	16	16	14
Females	8	7	7	7
Al Ain Region	81	67	61	77
Males	0	0	0	1
Females	81	67	61	76
Citizens	78	65	59	76
Males	0	0	0	1
Females	78	65	59	75
Non-Citizens	3	2	2	1
Males	0	0	0	0
Females	3	2	2	1
Al Dhafra Region	86	84	79	49
Males	0	0	0	0
Females	86	84	79	49
Citizens	32	28	27	18
Males	0	0	0	0
Females	32	28	27	18
Non-Citizens	54	56	52	31
Males	0	0	0	0
Females	54	56	52	31

Source: Department of Education and Knowledge

Educational Attainment

4.1.27 Higher Education Students by Citizenship, Sector and Gender, 2018-19

Citizenship and Sector	Males	Females	Total
Grand Total	19,366	36,923	56,289
Government	10,469	27,072	37,541
Private	8,897	9,851	18,748
Citizens	13,872	29,128	43,000
Government	9,157	24,707	33,864
Private	4,715	4,421	9,136
Non-Citizens	5,494	7,795	13,289
Government	1,312	2,365	3,677
Private	4,182	5,430	9,612

Source: Sources: Department of Education and Knowledge

4.1.28 Higher Education Graduates by Citizenship, Sector and Gender, 2018-19

Citizenship and Sector	Males	Females	Total
Grand Total	4,088	7,449	11,537
Government	2,025	5,050	7,075
Private	2,063	2,399	4,462
Citizens	2,890	5,268	8,158
Government	1,543	4,236	5,779
Private	1,347	1,032	2,379
Non-Citizens	1,198	2,181	3,379
Government	482	814	1,296
Private	716	1,367	2,083

Source: Sources: Ministry of Education

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

(%)

Citizenship and Gender	2015	2016	2017	2018	2019
Grand Total	7.0	6.4	6.4	6.6	6.5
Males	7.0	5.4	5.6	6.2	5.7
Females	6.9	8.4	7.8	7.2	7.8
Citizens	5.2	4.6	4.2	4.1	4.3
Males	3.0	2.6	2.3	2.2	2.3
Females	7.5	6.7	6.2	6.2	6.2
Non-Citizens	7.4	6.7	6.8	7.1	7.1
Males	7.6	5.8	6.1	6.9	6.4
Females	6.7	8.8	8.3	7.6	8.5

Source: Statistics Centre - Abu Dhabi

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

(%)

Citizenship and Gender	2015	2016	2017	2018	2019
Grand Total	93.0	93.6	93.6	93.4	93.5
Males	93.0	94.6	94.4	93.8	94.3
Females	93.1	91.6	92.2	92.8	92.2
Citizens	94.8	95.4	95.8	95.9	95.7
Males	97.0	97.4	97.7	97.8	97.7
Females	92.5	93.3	93.8	93.8	93.8
Non-Citizens	92.6	93.3	93.2	92.9	92.9
Males	92.4	94.2	93.9	93.1	93.6
Females	93.3	91.2	91.7	92.4	91.5

Source: Statistics Centre - Abu Dhabi

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

(%)

Citizenship and Gender	2015	2016	2017	2018	2019
Grand Total	4.7	4.4	3.9	5.0	3.1
Males	5.4	3.5	3.1	4.6	3.1
Females	3.4	6.1	5.1	5.9	3.0
Citizens	0.3	0.4	0.4	0.4	0.7
Males	0.4	0.4	0.5	0.5	0.9
Females	0.3	0.3	0.4	0.4	0.4
Non-Citizens	6.0	5.5	5.1	6.7	4.4
Males	6.6	4.2	4.0	6.0	4.1
Females	4.7	8.2	6.9	7.7	5.0

Source: Statistics Centre - Abu Dhabi

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

(%)

Citizenship and Gender	2015	2016	2017	2018	2019
Grand Total	95.3	95.6	96.1	95.0	96.9
Males	94.6	96.5	96.9	95.4	96.9
Females	96.6	93.9	94.9	94.1	97.0
Citizens	99.7	99.6	99.6	99.6	99.3
Males	99.6	99.6	99.5	99.5	99.1
Females	99.7	99.7	99.6	99.6	99.6
Non-Citizens	94.0	94.5	94.9	93.3	95.6
Males	93.4	95.8	96.0	94.0	95.9
Females	95.3	91.8	93.1	92.3	95.0

Source: Statistics Centre - Abu Dhabi

4.1.33 Percentage Distribution of Population (10 years and over) by Education Attainment and Gender, 2019

Education Attainment	Males	Females	Total
Total	100	100	100
Less than primary	12.5	17.0	14.2
Primary	14.6	14.4	14.5
Lower Secondary	19.5	15.0	17.8
Upper Secondary	23.5	21.0	22.6
Post-secondary	5.7	4.6	5.3
Bachelor	19.0	23.3	20.5
Higher Education	5.3	4.7	5.1
Unknown	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

4.1.34 Percentage Distribution of Citizens Population (10 years and over) by Education Attainment and Gender, 2019

Education Attainment	Males	Females	Total
Total	100	100	100
Less than primary	9.1	13.2	11.2
Primary	13.0	14.4	13.7
Lower Secondary	17.2	15.8	16.5
Upper Secondary	32.6	28.9	30.7
Post-secondary	3.5	4.0	3.7
Bachelor	18.4	20.4	19.4
Higher Education	6.2	3.4	4.8
Unknown	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

4.1.35 Percentage Distribution of Estimated Non-Citizens Population (10 years and over) by Education Attainment and Gender, 2019

Education Attainment	Males	Females	Total
Total	100	100	100
Less than primary	13.2	18.5	14.9
Primary	14.9	14.4	14.7
Lower Secondary	19.9	14.7	18.2
Upper Secondary	21.7	17.9	20.4
Post-secondary	6.2	4.8	5.7
Bachelor	19.1	24.4	20.8
Higher Education	5.2	5.3	5.2
Unknown	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

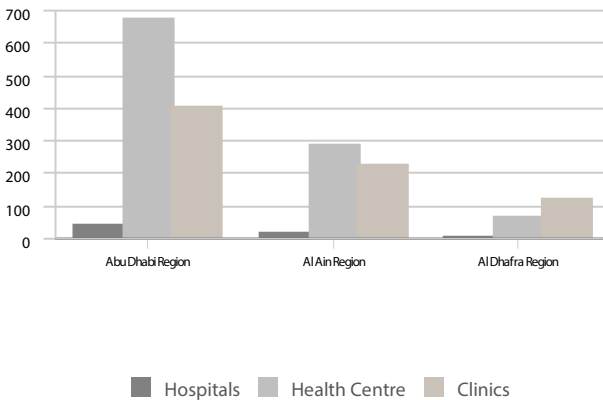
4.2. Health

Health services in Abu Dhabi have experienced remarkable expansion and transformation over past years. This is most evident in the significant rise in the number of hospitals and other health facilities over this period. The number of hospitals grew to 64 in 2019, including new private hospitals opened in the region of Abu Dhabi and Al Ain. In general, the Emirate has also witnessed a remarkable increase in the number of health facilities (centres, clinics and pharmacies).

In 2019, there were 4.0 physicians per 1000 population, 10.7 nurses per 1000 population and 2.7 beds per 1000 population.

2019	Physicians per 1000 populations	4.0
	Beds per 1000 populations	2.7
	Nurses per 1000 population	10.7
	Hospitals	64
	Hospital Beds	7,032
	Health centres	1,029
	Clinics	755
	Pharmacies	873
	Physicians	10,202
	Nurses	27,520

Figure 4.2.1 Health Establishments by Type and Region, 2019



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

4.2.1 Summary of Government Health Statistics, 2016-2019*

Details	2016	2017	2018	2019**
Hospitals	17	19	19	22
Beds	2,981	2,914	2,850	3,266
Patients Admitted	123,012	117,998	124,806	124,773
Doctors	4,057	4,237	4,209	4,608
Out - Patients	2,830,825	2,614,916	2,455,977	4,529,282

Source: Department of Health - Abu Dhabi

* Data has been modified to include all Government Facilities

** Preliminary Data

4.2.2 Hospitals by Region and Sector, 2016 - 2019

Region and Sector	2016	2017	2018	2019*
Abu Dhabi Emirate	56	60	61	64
Government	17	19	19	22
Private	39	41	42	42
Military*	-	-	-	-
Abu Dhabi Region	34	38	38	40
Government	6	6	9	11
Private	28	32	29	29
Military*	-	-	-	-
Al Ain Region	15	15	16	17
Government	3	3	3	4
Private	12	12	13	13
Military*	-	-	-	-
Al Dhafra Region	7	7	7	7
Government	6	6	7	7
Private	1	1	0	0
Military*	-	-	-	-

Source: Department of Health - Abu Dhabi

* Preliminary Data

4.2.3 Health Establishments by Type and Region, 2016 - 2019

Region	2016	2017	2018	2019*
Abu Dhabi Emirate				
Hospitals	56	60	61	64
Health Centres	875	944	995	1,029
Clinics	449	700	715	755
Abu Dhabi Region				
Hospitals	34	38	38	40
Health Centres	592	633	658	673
Clinics	284	398	406	403
Al Ain Region				
Hospitals	15	15	16	17
Health Centres	225	246	271	288
Clinics	126	230	236	229
Al Dhafra Region				
Hospitals	7	7	7	7
Health Centres	58	65	66	68
Clinics	39	72	73	123

Source: Department of Health -Abu Dhabi

* Preliminary Data

4.2.4 Death Rate (Per 100,000 Population) by Causes of Death, 2019*

Causes of Death	Rate
Diseases of the Circulatory System	52.9
External Causes of Morbidity and Mortality	10.3
Neoplasms	25.8
Diseases of the respiratory System	7.3
Certain conditions originating in the prenatal period	3.8
Certain Infectious and Parasitic Diseases	4.6
Injury, Poisoning and certain other consequences of external causes	2.2
Diseases of the digestive system	3.0
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified	5.0
Congenital Malformations, Deformations and Chromosomal	2.3
Endocrine, Nutritional and Metabolic diseases	1.5
Diseases of the genitourinary system	3.0
Diseases of the nervous system	1.8
Diseases of the musculoskeletal system and connective tissues	0.6
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	0.5
Factors influencing health status and contact with health services	0.5
Pregnancy, childbirth and the puerperium	0.2
Diseases of the skin and subcutaneous tissues	0.1
Mental and behavioral disorders	0.3
Diseases of the ear and mastoid process	0.0
NA	0.1

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

* Preliminary Data

4.2.5 Clinicians Rate (Per 100,000 Population) by Region, 2016-2019

Region	2016	2017	2018	2019*
Abu Dhabi Emirate				
Physicians	309	326	350	398
Nurses	857	953	992	1,072
Dentists	60	66	77	91
Abu Dhabi Region				
Physicians	350	370	396	456
Nurses	977	1,089	1,127	1,224
Dentists	67	74	85	101
Al Ain Region				
Physicians	290	301	323	347
Nurses	803	890	955	1,003
Dentists	62	69	82	94
Al Dhafra Region				
Physicians	129	143	147	177
Nurses	328	340	300	320
Dentists	14	17	16	23

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

* Preliminary Data

4.2.6 Notifications of Infectious Diseases, 2016-2019

Infectious Diseases	2016	2017	2018	2019*
Total	24,270	34,770	34,766	68,566
Seasonal Influenza	6,774	15,994	14,222	44,547
Chickenpox	4,819	5,254	5,254	4,546
Scabies	1,907	2,111	2,110	2,267
Malaria	1,848	1,907	1,907	1,144
Other Food Poisoning	1,392	1,526	1,526	1,750
Viral Hepatitis B	1,139	1,085	1,085	1,425
Viral Hepatitis C	851	829	829	1,101
Other STIs	728	1,267	1,266	1,389
Pulmonary Tuberculosis	407	523	523	595
Viral Hepatitis A	318	189	189	267
Syphilis	317	256	256	249
Mumps	296	217	217	245
Scarlet Fever	271	285	285	256
Extra Pulmonary Tuberculosis	259	275	275	357
Typhoid Fever	251	188	188	199
Giardia Lambia	184	128	128	271
Gonorrhoea	154	183	183	371
Viral Meningitis	133	64	64	69
Brucellosis	118	91	91	72
Rubella	73	23	23	53
Measles	63	38	38	84
Whooping Cough	51	50	50	56
Acute Encephalitis	19	11	12	19
Other Viral Hepatitis	15	21	21	19
Corona Virus	14	12	12	29
Acute Flaccid Paralysis	8	9	9	8
Tetanus	5	1	1	1
Other	1,856	2,233	4,002	7,177

Source: Department of Health -Abu Dhabi

* Preliminary Data

4.2.7 Beds and Admissions in Government Hospitals by Region, 2016-2019

Region	2016	2017	2018	2019
Abu Dhabi Emirate				
Beds	2,981	2,914	2,850	3,266
Patients Admitted	123,012	118,297	124,806	124,773
Abu Dhabi Region				
Beds	1,772	1,832	1,898	2,115
Patients Admitted	69,945	66,022	70,677	67,914
Al Ain Region				
Beds	864	802	732	821
Patients Admitted	43,632	42,840	42,934	43,035
Al Dhafra Region				
Beds	345	280	220	330
Patients Admitted	9,435	9,435	11,195	13,824

Source: Department of Health -Abu Dhabi

* Preliminary Data

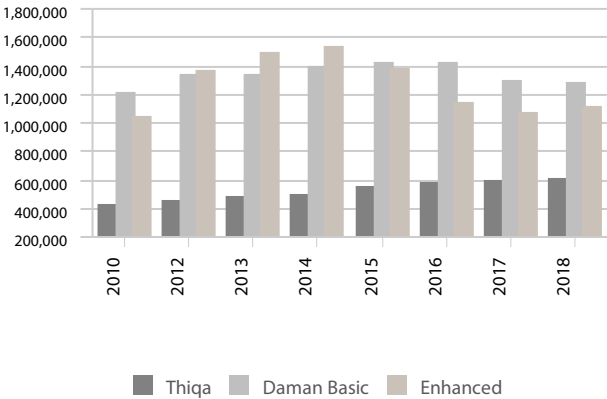
4.2.8 Persons Insured by Health Insurance Companies, 2015 -2018*

Insurance Company	2015	2016	2017	2018
Thiqa	554,786	577,067	589,116	603,511
Daman Basic	1,421,899	1,415,009	1,297,694	1,274,785
Enhanced	1,380,119	1,134,822	1,069,676	1,116,244

Source: Department of Health -Abu Dhabi

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

Figure 4.2.2 Persons Insured by Insurance Companies, 2010 - 2018



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

4.3. Social Welfare

The social welfare services provided in Abu Dhabi Emirate contributed significantly in supporting individuals of the society, the total value of aid provided to citizens was 909.6 million AED for the year 2019, an increase of 0.8% compared with 2018.

There are 1,883 students enrolled in government and private care centres, of whom 69.5% were citizens and 30.5% were non-citizens in 2019.

4.3.1 Non-Government Organizations by Type of Activity

Type of Activity	2016	2017	2018	2019
Total	60	65	70	73
Women	3	3	3	3
Professional	10	10	10	10
Popular Art	3	3	3	3
Cultural and Public Services	21	24	29	30
Humanitarian Services	5	7	7	9
Theatres	5	5	5	5
Foreign Associations	13	13	13	13

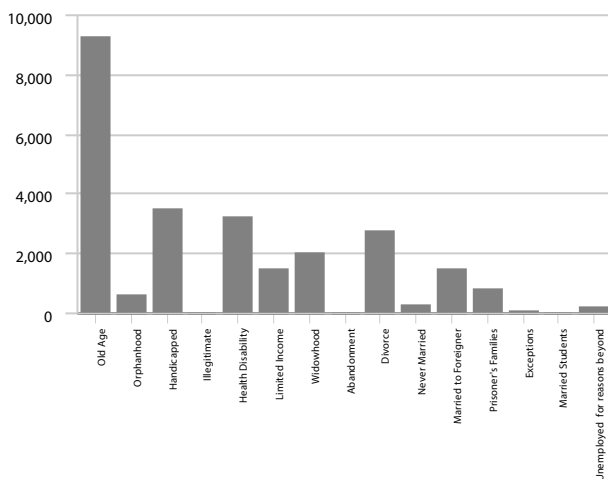
Source: Ministry of Community Development

4.3.2 Cases and Beneficiaries of Social Aid Offered to Citizens by Reason and Gender, 2019

Reason of Aid	Cases			Total Beneficiaries
	Males	Females	Total	
Total	4,206	9,805	14,011	25,626
Old Age	1,190	3,114	4,304	9,248
Orphanhood	137	163	300	621
Handicapped	1,767	1,157	2,924	3,474
Illegitimate	8	17	25	25
Health Disability	794	225	1,019	3,228
Limited Income	154	0	154	1,445
Widowhood	0	630	630	2,023
Abandonment	0	13	13	13
Divorce	0	2,741	2,741	2,741
Never Married	0	251	251	256
Married to Foreigner	0	1,272	1,272	1,493
Prisoner's Families	105	145	250	779
Exceptions	0	54	54	54
Married Students	0	0	0	0
Unemployed for reasons beyond	51	23	74	226

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

Figure 4.3.1 Beneficiaries of Social Aid by Reason of Aid, 2019



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

4.3.3 Benefits of Social Aid Paid by Month, 2019

(Million AED)

Month	Benefits
Total	909.6
January	75.7
February	75.7
March	75.6
April	75.8
May	75.1
June	75.7
July	75.8
August	75.7
September	75.8
October	75.9
November	76.2
December	76.3

Source: Ministry of Community Development

4.3.4 Nurseries, Employees and Children in Nurseries*

Item	2016	2017	2018	2019
Number of Nurseries	179	227	246	237
Number of Employees	2,314	2,818	3,139	3,182
Number of Children	12,456	13,595	15,247	13,838

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

Note: data has been updated due to change in source and methodology of data collection

4.3.5 Nurseries, Employees and Children Ratios in Nurseries*

Item	2016	2017	2018	2019
Children per Nursery	69.6	59.9	62.0	58.4
Children per Employee	5.4	4.8	4.9	4.3
Employees per Nursery	12.9	12.4	12.8	13.4

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

Note: data has been updated due to change in source and methodology of data collection

4.3.6 Children in Nurseries by Citizenship, Gender and Age*

Items	2016	2017	2018	2019
Citizenship	12,456	13,595	15,247	13,838
Citizens	5,185	5,754	7,590	6,673
Non-Citizens	7,227	7,688	7,657	7,165
Unknown	44	153	-	-
Gender				
Males	6,593	7,152	8,218	7,506
Females	5,863	6,443	7,029	6,332
Age				
Infants	2,058	2,319	2,736	3,698
Non-Infants	10,291	11,175	12,511	10,140
Unknown	107	101	-	-

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

Note: data has been updated due to change in source and methodology of data collection

4.3.7 The determined ones in Government and Private Care Centres by Citizenship and Gender, 2019

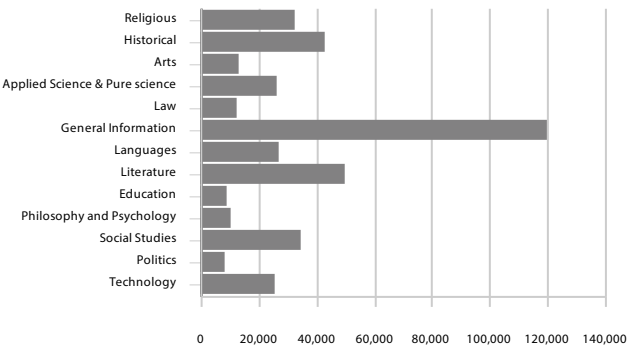
Citizenship	Males	Females	Total
Total	1,229	654	1,883
Citizens	843	466	1,309
Non-Citizens	386	188	574

Source: Ministry of Community Development

4.4. Culture and Heritage

The Emirate of Abu Dhabi is endowed with natural and archaeological sites that represent a unique and valuable contribution to the richness of global culture and heritage. All these resources merit special measures to ensure their preservation. As a contribution to cultural enrichment in Abu Dhabi Emirate, the number of books at National Library reached about 402.9 thousands books in 2019, the number of visitors and borrowers were 205 thousands visitors and 20.8 thousands borrowers in 2019. The number of visitors to museums and parks has decreased due to that the majority of parks in the Emirate of Abu Dhabi became open parks, as the number of visitors are no longer counted in the parks since mid-2019.

Figure 4.4.1 Books Available at Citizen Library by Subject, 2019



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

4.4.1 Books Available at National Library by Subject

Subject	2016	2017	2018	2019
Total	387,713	379,969	392,013	402,963
Religious	24,678	29,918	31,610	31,914
Historical	38,120	35,286	38,774	42,383
Arts	2,672	9,961	11,393	12,470
Applied Science & Pure science	14,608	41,469	22,037	25,428
Law	7,351	-	11,033	11,746
General Information	167,038	106,559	128,370	119,059
Languages	50,664	31,965	20,950	26,395
Literature	30,069	60,074	44,721	49,115
Education	-	-	7,733	8,127
Philosophy and Psychology	13,174	8,385	9,335	9,843
Social Studies	28,446	56,352	33,310	33,803
Politics	10,893	-	8,169	7,846
Technology	-	-	24,578	24,834

Source: Abu Dhabi Tourism & Culture Authority

4.4.2 Visitors and Borrowers at the National Library by Gender

Item	2016	2017	2018	2019
Visitors	94,718	55,015	139,466	205,156
Males	-	26,023	67,089	-
Females	-	28,992	72,377	-
Borrowers	13,699	14,335	16,630	20,866
Males	-	-	-	-
Females	-	-	-	-

Source: Abu Dhabi Tourism & Culture Authority

4.4.3 Islamic Facilities by Region, 2019

Item	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Mosques	763	1,193	313	2,269
Mosques under construction	90	0	102	192
Quran Memorization Centres	13	33	10	56
Hajj and Umra Campaigns	55	19	1	75

Source: General Authority of Islamic Affairs and Endowments

4.4.4 Preachers, Imams and Muezzins by Region, 2019

Item	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Abu Dhabi Emirate
Imams and Preachers	578	913	135	1,626
Imams who rhetoric	580	633	219	1,432
Muezzins	179	268	67	514

Source: General Authority of Islamic Affairs and Endowments

4.4.5 Visitors to Zoo, Museums and Public Parks

Facilities	2016	2017	2018	2019
Total	2,676,280	3,415,738	4,058,445	3,451,972
Zoo	833,988	771,717	578,978	623,096
Hili Fun city*	184,383	220,273	152,282	-
Public Parks*	1,412,887	1,918,403	2101098	1,626,427
Al Ain Museum**	48,933	46,211	29,307	-
Al Ain Palace Museum	134,501	151,321	135,977	148,802
Dalma Museum	3,325	3,078	3,387	2,618
Al Jahili Fort Museum	40,112	39,374	38,026	54,375
Muaiji Palace Museum	18,151	16,429	18,657	21,171
Louwer Museum	-	248,932	1,000,733	975,483

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

* Hili Park and most parks in the emirate of Abu Dhabi have become open parks since mid-2019

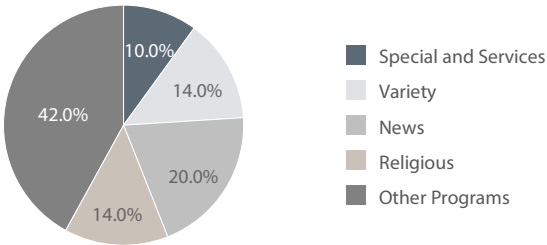
** Al Ain museum is under maintenance since 2018

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

Type of Program	2016	2017	2018	2019
Total	60	43	36	50
Religious	5	2	4	7
Cultural	1	1	1	5
News	30	19	14	10
Variety	13	12	11	7
Special and Services	7	2	2	5
Sports	3	3	3	3
Other	1	4	1	13


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, 2019



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





5. Labour Force

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

Population and Economic

Dependency Ratio

5. Labour Force

According to estimates based on the labour force survey covering the fourth quarter of 2019 the labour force constitutes 62.9% as a percentage of the total population and 77.2% as a percentage of the population aged 15+. Females made up 25.9% of the total labour force. The economic dependency ratio was of 58.9%.

2019	Percentage of Employed to Total Population Aged 15 Years and Above	71.9
	Unemployment Rate	6.9
	Crude Participation Rate	62.9
	Refined Participation Rate	77.2
	Females as a percentage of total labour force	25.9
	Economic Dependency Ratio	58.9

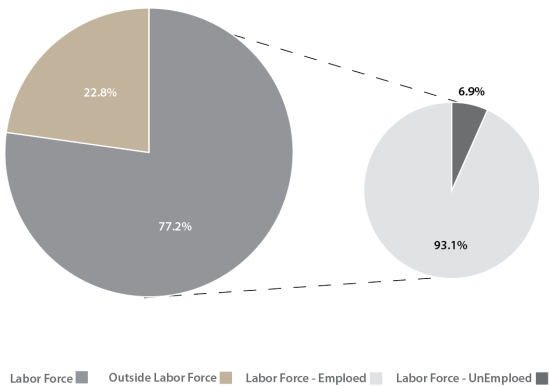
5.1. Labour Force Structure

The labour force includes employed and unemployed individuals who are aged 15 years and above. 2019 Data showed that Abu Dhabi Region had the largest share of the labour force with 61.2% followed by Al Ain Region with 26.4% and Al Dhafra Region with 12.4%.

Data on age structure of the labour force in 2019 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 88.3%, 77.3%% and 72.8% respectively.

Figure 5.1.1 Distribution of the population (15 Years and Over) by Economically Active Status, 2019



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

(Persons)

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

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

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

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

(%)

Citizenship and Gender	1975-1985	1985 - 1995	1995 - 2005	2005 - 2011
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, 2019

(%)

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	72.1	69.4	93.8	74.1
Females	27.9	30.6	6.2	25.9
Citizens	100.0	100.0	100.0	100.0
Males	60.4	62.2	76.9	62.2
Females	39.6	37.8	23.1	37.8
Non-Citizens	100.0	100.0	100.0	100.0
Males	73.6	71.1	95.0	75.8
Females	26.4	28.9	5.0	24.2

Source: Statistics Centre - Abu Dhabi

5.1.4 Distribution of Labour Force Estimates (15 Years and Over) by Region, Gender and Economically Active Status, 2019

(%)

Region and Gender	Labour Force	Employed	Unemployed
Abu Dhabi Emirate	100.0	100.0	100.0
Males	74.1	76.3	44.8
Females	25.9	23.7	55.2
Abu Dhabi Region	100.0	100.0	100.0
Males	72.1	74.4	41.1
Females	27.9	25.6	58.9
Al Ain Region	100.0	100.0	100.0
Males	69.4	71.4	49.9
Females	30.6	28.6	50.1
Al Dhafra Region	100.0	100.0	100.0
Males	93.8	95.1	52.3
Females	6.2	4.9	47.7

Source: Statistics Centre - Abu Dhabi

5.1.5 Distribution of Labour Force Estimates (15 Years and Over) by Region, Age Group and Gender, 2019

(%)

Age Group and Region	Males	Females	Total
Abu Dhabi Emirate	100.0	100.0	100.0
15 - 19	0.9	0.4	0.7
20 - 24	8.6	8.5	8.6
25 - 29	14.2	20.1	15.7
30 - 34	19.6	25.4	21.1
35 - 39	18.3	18.7	18.4
40 - 44	14.6	13.3	14.2
45 - 49	10.3	8.2	9.7
50 - 54	6.9	3.0	5.9
55 - 59	4.3	1.7	3.6
60 - 64	2.0	0.5	1.6
65+	0.3	0.2	0.3
Abu Dhabi Region	100.0	100.0	100.0
15 - 19	0.9	0.2	0.7
20 - 24	8.2	7.0	7.8
25 - 29	14.3	19.4	15.7
30 - 34	20.7	25.9	22.1
35 - 39	17.9	19.2	18.3
40 - 44	15.4	14.0	15.0
45 - 49	9.4	9.0	9.3
50 - 54	6.4	2.8	5.4
55 - 59	4.5	1.8	3.7
60 - 64	2.1	0.4	1.6
65+	0.4	0.3	0.3
Al Ain Region	100.0	100.0	100.0
15 - 19	1.1	0.6	1.0
20 - 24	8.9	11.6	9.7
25 - 29	14.6	21.4	16.7
30 - 34	18.1	24.1	19.9
35 - 39	18.0	17.9	18.0
40 - 44	12.8	12.3	12.6
45 - 49	11.6	6.6	10.1
50 - 54	7.9	3.2	6.5
55 - 59	4.6	1.5	3.6
60 - 64	2.2	0.5	1.7
65+	0.3	0.2	0.3
Al Dhafra Region	100.0	100.0	100.0
15 - 19	0.3	0.8	0.3
20 - 24	9.7	11.5	9.8
25 - 29	13.3	23.0	13.9
30 - 34	18.2	25.8	18.7
35 - 39	20.3	16.5	20.1
40 - 44	14.3	9.5	14.0
45 - 49	11.6	7.5	11.3
50 - 54	7.4	3.1	7.1
55 - 59	3.4	1.7	3.3
60 - 64	1.4	0.3	1.4
65+	0.0	0.2	0.0

Source: Statistics Centre - Abu Dhabi

5.1.6 Refined Participation Rate by Region, Age Group and Gender, 2019

(%)

Age Group and Region	Males	Females	Total
Abu Dhabi Emirate	89.0	56.0	77.2
15 - 19	11.1	2.4	7.5
20 - 24	80.0	48.9	68.7
25 - 29	96.4	72.9	87.1
30 - 34	98.9	73.9	89.5
35 - 39	99.4	69.0	89.1
40 - 44	99.0	62.9	86.9
45 - 49	97.7	60.0	85.9
50 - 54	95.5	37.0	79.2
55 - 59	93.0	26.2	71.3
60 - 64	74.5	12.0	53.9
65+	29.3	7.0	17.3
Abu Dhabi Region	90.0	56.7	77.3
15 - 19	12.8	1.7	7.9
20 - 24	80.9	45.3	67.7
25 - 29	95.8	71.7	85.9
30 - 34	98.8	72.8	88.5
35 - 39	99.6	70.1	88.7
40 - 44	99.0	63.6	86.5
45 - 49	97.3	64.0	85.3
50 - 54	95.6	38.4	78.5
55 - 59	93.3	27.6	70.9
60 - 64	80.2	11.6	56.0
65+	38.0	7.9	21.1
Al Ain Region	83.9	56.0	72.8
15 - 19	9.7	3.7	7.4
20 - 24	70.6	54.2	63.6
25 - 29	96.3	75.5	86.9
30 - 34	98.8	76.6	89.2
35 - 39	98.6	68.9	87.2
40 - 44	98.4	65.0	85.3
45 - 49	97.6	53.6	83.8
50 - 54	94.1	35.6	75.2
55 - 59	92.0	23.8	67.4
60 - 64	61.4	12.9	45.2
65+	19.3	5.8	12.4
Al Dhafra Region	94.4	44.4	88.3
15 - 19	6.4	3.1	5.5
20 - 24	95.3	49.5	89.3
25 - 29	99.3	71.2	95.4
30 - 34	99.7	73.1	96.7
35 - 39	100.0	49.6	95.1
40 - 44	99.8	35.1	92.6
45 - 49	99.0	38.3	92.9
50 - 54	97.4	27.8	91.3
55 - 59	93.7	21.9	85.0
60 - 64	84.7	10.1	76.4
65+	9.4	3.4	6.5

Source: Statistics Centre - Abu Dhabi

5.1.7 Refined Participation Rate For Citizens by Region, Age Group and Gender, 2019

(%)

Age Group and Region	Males	Females	Total
Abu Dhabi Emirate	64.3	39.4	51.9
15 - 19	6.0	1.6	4.0
20 - 24	58.0	36.3	47.2
25 - 29	90.1	63.2	77.3
30 - 34	96.1	67.7	82.2
35 - 39	97.2	66.8	81.6
40 - 44	93.8	55.5	72.9
45 - 49	88.3	39.5	64.2
50 - 54	65.0	23.6	43.9
55 - 59	52.8	3.8	23.8
60 - 64	26.7	2.5	14.4
65+	8.8	0.8	4.7
Abu Dhabi Region	64.8	40.8	52.6
15 - 19	4.8	0.7	2.9
20 - 24	55.9	32.6	43.5
25 - 29	89.3	64.5	77.3
30 - 34	96.3	66.3	80.9
35 - 39	98.0	68.1	82.1
40 - 44	92.5	56.2	71.3
45 - 49	88.5	41.4	66.9
50 - 54	68.0	35.0	52.9
55 - 59	50.6	5.5	25.5
60 - 64	30.6	3.3	16.1
65+	8.6	1.6	5.1
Al Ain Region	63.3	37.5	50.3
15 - 19	7.5	2.5	5.2
20 - 24	58.8	41.3	50.4
25 - 29	90.9	61.7	76.3
30 - 34	96.0	69.6	83.3
35 - 39	95.6	65.3	80.0
40 - 44	95.6	53.7	74.2
45 - 49	89.8	37.2	60.3
50 - 54	58.9	9.8	30.2
55 - 59	60.6	1.9	20.6
60 - 64	21.3	1.6	11.6
65+	10.2	0.0	4.9
Al Dhafra Region	66.7	38.9	57.2
15 - 19	5.8	4.6	5.4
20 - 24	66.3	34.2	55.7
25 - 29	91.5	61.2	82.8
30 - 34	94.7	70.7	87.1
35 - 39	99.3	64.2	86.8
40 - 44	94.3	61.6	85.1
45 - 49	78.6	42.9	65.3
50 - 54	68.2	40.6	56.3
55 - 59	41.4	5.8	30.9
60 - 64	32.1	0.0	19.6
65+	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

5.1.8 Refined Participation Rate For Non-Citizens by Region, Age Group and Gender, 2019

(%)

Age Group and Region	Males	Females	Total
Abu Dhabi Emirate	93.3	61.9	83.1
15 - 19	14.4	3.2	10.2
20 - 24	86.2	56.5	76.9
25 - 29	97.6	75.5	89.2
30 - 34	99.3	75.2	90.6
35 - 39	99.7	69.6	90.3
40 - 44	99.5	65.2	89.2
45 - 49	98.7	65.3	89.2
50 - 54	99.1	42.3	85.7
55 - 59	98.0	37.2	81.7
60 - 64	85.9	18.3	67.9
65+	59.4	14.0	33.3
Abu Dhabi Region	93.9	61.2	82.3
15 - 19	17.7	2.5	11.2
20 - 24	86.5	52.3	75.6
25 - 29	96.8	73.3	87.4
30 - 34	99.1	74.0	89.5
35 - 39	99.8	70.5	89.6
40 - 44	99.6	65.7	88.8
45 - 49	98.2	68.1	87.9
50 - 54	99.2	39.4	83.1
55 - 59	98.2	35.0	79.2
60 - 64	89.9	15.8	67.6
65+	72.3	12.6	35.8
Al Ain Region	89.8	65.7	81.2
15 - 19	11.5	5.5	9.6
20 - 24	76.6	63.3	71.3
25 - 29	97.9	80.8	90.4
30 - 34	99.4	78.6	90.7
35 - 39	99.2	70.3	89.1
40 - 44	99.0	69.3	88.3
45 - 49	98.7	61.8	89.2
50 - 54	99.2	50.7	86.8
55 - 59	96.9	45.7	84.2
60 - 64	75.1	23.7	61.9
65+	37.9	18.4	28.0
Al Dhafra Region	96.7	46.6	91.8
15 - 19	6.7	2.0	5.5
20 - 24	99.2	59.2	95.5
25 - 29	100.0	74.1	96.9
30 - 34	100.0	73.9	97.5
35 - 39	100.0	44.7	95.7
40 - 44	100.0	31.0	93.0
45 - 49	99.8	37.1	94.5
50 - 54	98.6	21.5	93.8
55 - 59	98.9	28.1	91.9
60 - 64	94.2	44.5	92.6
65+	26.6	14.4	21.9

Source: Statistics Centre - Abu Dhabi

5.2. Employment

Labour force estimates indicate that the largest proportion 61.4% of the employed population was in Abu Dhabi Region. The distribution by employment status revealed that the majority of employed persons in the Emirate of Abu Dhabi were paid employees 98.1%, while 1.4% were own-account workers.

A distribution by educational attainment, indicates that the largest proportion 22.6% of the employed population had Bachelor or equivalent, followed by upper Secondary education 21.0%. Among citizen's, a bachelor's degree was most common 38.3%.

A classification by main occupation indicates that Elementary occupations had the largest percentage of the employed population with 28.1% followed by Professionals with 15.9%. Among employed citizens, Technician or Associate professional accounted for the largest share, making up 27.4% of this segment, while the largest share 31.7% 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 20.8% followed by Construction activity with 14.1%. 'Public administration and defense'; Compulsory Social security activities accounted for the largest proportion 58.5% of employed citizens, while 'Activities of households as employers undifferentiated goods and services' activity accounted for the largest proportion 23.5% of employed non-citizens.

As labour force data indicates, the private sector engaged the largest proportion (56.2%) of the employed population, while 17.7% worked for the government sector. As for employed citizen, 81.0% worked in the government sector and 4.9% in the private sector.

Labour Force Survey data also showed that the majority of the employed in the Emirate of Abu Dhabi are married (73.9%), while 24.0% of the employed never married. The survey data also showed that 44.2% of the total employed population in the Emirate of Abu Dhabi were working more than 48 hours weekly.

5.2.1 Distribution of Employed Population Estimates (15 Years and Over) by Region, Age Group and Gender, 2019

(%)

Region and Age Group	Males	Females	Total
Abu Dhabi Emirate	100.0	100.0	100.0
15 - 19	0.5	0.2	0.5
20 - 24	7.9	6.6	7.6
25 - 29	14.1	19.5	15.3
30 - 34	19.8	26.0	21.3
35 - 39	18.8	18.7	18.8
40 - 44	14.8	14.3	14.7
45 - 49	10.4	8.8	10.0
50 - 54	6.9	3.1	6.0
55 - 59	4.3	2.0	3.8
60 - 64	2.1	0.5	1.7
65+	0.3	0.3	0.3
Abu Dhabi Region	100.0	100.0	100.0
15 - 19	0.6	0.1	0.5
20 - 24	7.4	5.7	6.9
25 - 29	14.1	18.7	15.3
30 - 34	20.8	26.4	22.3
35 - 39	18.4	19.0	18.6
40 - 44	15.7	14.8	15.5
45 - 49	9.5	9.6	9.5
50 - 54	6.3	2.8	5.4
55 - 59	4.5	2.1	3.9
60 - 64	2.2	0.5	1.8
65+	0.4	0.3	0.4
Al Ain Region	100.0	100.0	100.0
15 - 19	0.6	0.3	0.5
20 - 24	8.1	8.3	8.2
25 - 29	14.5	21.4	16.4
30 - 34	18.3	25.0	20.3
35 - 39	18.7	18.2	18.5
40 - 44	12.9	13.4	13.0
45 - 49	11.9	7.2	10.6
50 - 54	8.1	3.6	6.8
55 - 59	4.5	1.8	3.7
60 - 64	2.2	0.5	1.7
65+	0.3	0.3	0.3
Al Dhafra Region	100.0	100.0	100.0
15 - 19	0.2	0.4	0.2
20 - 24	9.4	9.1	9.4
25 - 29	13.2	18.3	13.4
30 - 34	18.4	26.8	18.8
35 - 39	20.5	18.1	20.4
40 - 44	14.5	11.4	14.3
45 - 49	11.6	9.2	11.4
50 - 54	7.4	3.9	7.3
55 - 59	3.4	2.2	3.3
60 - 64	1.4	0.4	1.3
65+	0.0	0.2	0.0

Source: Statistics Centre - Abu Dhabi

5.2.2 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Work Status and Gender, 2019

(%)

Citizenship and Work Status	Males	Females	Total
Grand Total	100.0	100.0	100.0
Employer	1.6	0.7	1.4
Own-account worker	0.3	0.1	0.3
Paid employee	97.9	99.0	98.1
Family Employed for Pay or Profit	0.1	0.1	0.1
Unknown	0.0	0.1	0.0
Citizens	100.0	100.0	100.0
Employer	1.5	0.8	1.3
Own-account worker	0.4	0.0	0.3
Paid employee	98.0	99.2	98.4
Family Employed for Pay or Profit	0.0	0.0	0.0
Unknown	0.1	0.1	0.1
Non-Citizens	100.0	100.0	100.0
Employer	1.7	0.6	1.4
Own-account worker	0.3	0.2	0.3
Paid employee	97.9	98.9	98.1
Family Employed for Pay or Profit	0.1	0.2	0.1
Unknown	0.0	0.1	0.0

Source: Statistics Centre - Abu Dhabi

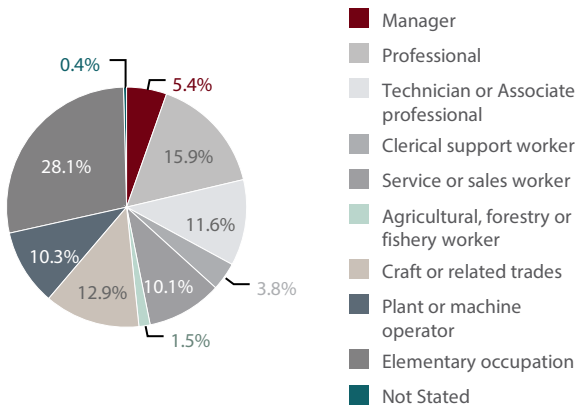
5.2.3 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Educational Attainment and Gender, 2019

(%)

Citizenship and Educational Attainment	Males	Females	Total
Grand Total	100.0	100.0	100.0
Less than primary	12.0	22.4	14.5
Primary	13.0	13.8	13.2
Lower Secondary	17.9	11.9	16.5
Upper Secondary	22.7	15.5	21.0
Post-secondary	6.4	4.8	6.1
Bachelor or equivalent	21.5	25.8	22.6
Higher Education	6.3	5.7	6.2
Citizens	100.0	100.0	100.0
Less than primary	0.9	0.5	0.7
Primary	2.5	0.6	1.9
Lower Secondary	8.5	4.4	7.2
Upper Secondary	39.3	25.4	34.8
Post-secondary	5.4	7.4	6.0
Bachelor or equivalent	32.3	51.2	38.3
Higher Education	11.1	10.6	10.9
Non-Citizens	100.0	100.0	100.0
Less than primary	13.3	26.4	16.2
Primary	14.2	16.2	14.7
Lower Secondary	19.0	13.3	17.7
Upper Secondary	20.9	13.7	19.2
Post-secondary	6.6	4.4	6.1
Bachelor or equivalent	20.3	21.2	20.5
Higher Education	5.7	4.9	5.5

Source: Statistics Centre - Abu Dhabi

Figure 5.2.1 Percentage Distribution of Employed Population Estimates (15 Years and Over) by Main Occupation, 2019



Source: Statistics Centre - Abu Dhabi

5.2.4 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Main Occupation and Gender, 2019

(%)

Citizenship and Main Occupation	Males	Females	Total
Grand Total	100.0	100.0	100.0
Manager	5.9	3.9	5.4
Professional	14.6	20.1	15.9
Technician or Associate professional	12.6	8.3	11.6
Clerical support worker	3.1	6.1	3.8
Service or sales worker	11.8	4.9	10.1
Agricultural, forestry or fishery worker	2.0	0.0	1.5
Craft or related trades	16.8	0.2	12.9
Plant or machine operator	13.3	0.6	10.3
Elementary occupation	19.5	55.5	28.1
Not Stated	0.4	0.4	0.4
Citizens	100.0	100.0	100.0
Manager	15.3	13.5	14.7
Professional	17.5	35.8	23.3
Technician or Associate professional	29.2	23.7	27.4
Clerical support worker	6.5	18.2	10.2
Service or sales worker	26.5	7.4	20.5
Agricultural, forestry or fishery worker	0.2	0.0	0.1
Craft or related trades	0.7	0.1	0.5
Plant or machine operator	1.9	0.1	1.3
Elementary occupation	0.1	0.0	0.0
Not Stated	2.1	1.2	1.8
Non-Citizens	100.0	100.0	100.0
Manager	4.8	2.2	4.2
Professional	14.3	17.2	15.0
Technician or Associate professional	10.7	5.6	9.6
Clerical support worker	2.7	3.9	3.0
Service or sales worker	10.1	4.4	8.8
Agricultural, forestry or fishery worker	2.2	0.0	1.7
Craft or related trades	18.6	0.2	14.5
Plant or machine operator	14.6	0.7	11.4
Elementary occupation	21.7	65.6	31.7
Not Stated	0.2	0.2	0.2

Source: Statistics Centre - Abu Dhabi

5.2.5 Distribution of Employed Population Estimates (15 Years and Over) by Economic Activity and Gender, 2019

(%)

Economic Activity	Males	Females	Total
Grand Total	100.0	100.0	100.0
Agriculture, forestry & fishing	5.2	0.1	4.0
Mining and quarrying	3.4	1.3	2.9
Manufacturing	9.0	1.3	7.2
Electricity, gas, steam & air conditioning supply	0.9	0.5	0.8
Water supply; sewerage, waste management & remediation activities	1.1	0.2	0.9
Construction	18.2	1.0	14.1
Wholesale & retail trade repair of motor vehicles and motorcycles	5.6	1.7	4.7
Transportation & storage	4.2	1.6	3.6
Accommodation & food service activities	6.8	1.3	5.5
Information & communication	1.2	0.5	1.0
Financial & insurance activities	1.6	2.4	1.8
Real estate activities	1.7	0.5	1.4
Professional, scientific & technical activities	4.1	1.1	3.4
Administrative & support service activities	10.6	1.0	8.3
Public administration & defence; compulsory social security	9.5	8.1	9.2
Education	2.5	11.0	4.5
Human health & social work activities	2.5	8.2	3.9
Arts, entertainment & recreation	0.4	0.6	0.5
Other service activities	1.4	0.9	1.3
Activities of households as employers undifferentiated goods & services	9.7	56.6	20.8
Activities of extraterritorial organizations & bodies	0.0	0.0	0.0
Not Stated	0.3	0.1	0.2

Source: Statistics Centre - Abu Dhabi

5.2.6 Distribution of Citizens Employed Population Estimate (15 Years and Over) by Economic Activity and Gender, 2019

(%)

Economic Activity	Males	Females	Total
Grand Total	100.0	100.0	100.0
Agriculture, forestry & fishing	0.3	0.3	0.3
Mining and quarrying	10.1	6.0	8.8
Manufacturing	4.8	2.6	4.1
Electricity, gas, steam & air conditioning supply	1.9	2.8	2.2
Water supply; sewerage, waste management & remediation activities	0.5	0.6	0.5
Construction	0.9	0.7	0.8
Wholesale & retail trade repair of motor vehicles and motorcycles	1.7	1.5	1.6
Transportation & storage	2.6	6.2	3.7
Accommodation & food service activities	0.2	0.0	0.2
Information & communication	0.5	0.8	0.6
Financial & insurance activities	2.0	6.6	3.5
Real estate activities	0.4	0.1	0.3
Professional, scientific & technical activities	1.3	1.1	1.2
Administrative & support service activities	1.0	1.1	1.1
Public administration & defence; compulsory social security	66.1	42.2	58.5
Education	1.7	16.5	6.4
Human health & social work activities	2.0	8.7	4.1
Arts, entertainment & recreation	0.5	1.2	0.7
Other service activities	0.7	0.8	0.8
Activities of households as employers undifferentiated goods & services	0.0	0.0	0.0
Activities of extraterritorial organizations & bodies	0.0	0.0	0.0
Not Stated	0.9	0.2	0.7

Source: Statistics Centre - Abu Dhabi

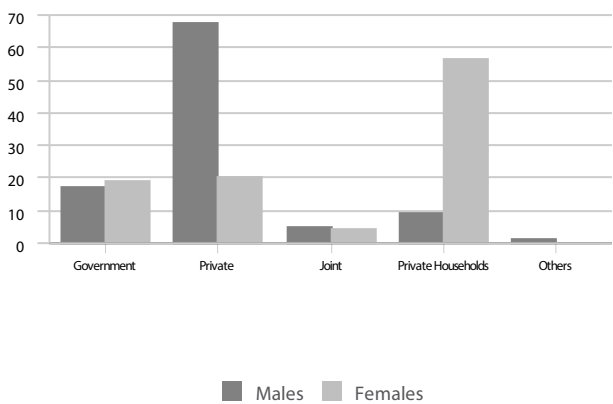
5.2.7 Distribution of Non-Citizens Employed Population Estimates (15 Years and Over) by Economic Activity and Gender, 2019

(%)

Economic Activity	Males	Females	Total
Grand Total	100.0	100.0	100.0
Agriculture, forestry & fishing	5.8	0.1	4.5
Mining and quarrying	2.6	0.4	2.1
Manufacturing	9.5	1.0	7.5
Electricity, gas, steam & air conditioning supply	0.7	0.1	0.6
Water supply; sewerage, waste management & remediation activities	1.2	0.1	0.9
Construction	20.1	1.1	15.8
Wholesale & retail trade repair of motor vehicles and motorcycles	6.0	1.8	5.1
Transportation & storage	4.4	0.8	3.6
Accommodation & food service activities	7.6	1.5	6.2
Information & communication	1.3	0.5	1.1
Financial & insurance activities	1.5	1.7	1.6
Real estate activities	1.8	0.5	1.5
Professional, scientific & technical activities	4.5	1.1	3.7
Administrative & support service activities	11.7	1.0	9.2
Public administration & defence; compulsory social security	3.1	1.9	2.8
Education	2.6	10.0	4.2
Human health & social work activities	2.6	8.2	3.9
Arts, entertainment & recreation	0.4	0.5	0.4
Other service activities	1.5	0.9	1.4
Activities of households as employers undifferentiated goods & services	10.8	66.8	23.5
Activities of extraterritorial organizations & bodies	0.0	0.0	0.0
Not Stated	0.2	0.1	0.2

Source: Statistics Centre - Abu Dhabi

Figure 5.2.2 Distribution of Employed Population Estimates (15 Years and Over) by Work Sector and Gender, 2019



Source: Statistics Centre - Abu Dhabi

5.2.8 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Work Sector and Gender, 2019

(%)

Citizenship and Work Sector	Males	Females	Total
Grand Total	100.0	100.0	100.0
Government	17.4	18.8	17.7
Private	67.4	20.3	56.2
Joint (Gov. and Private)	4.8	4.0	4.6
Foreign	0.6	0.1	0.5
Diplomatic	0.1	0.1	0.1
Non-Profit Organization	0.2	0.0	0.1
Without Establishment	0.0	0.0	0.0
Private Households	9.3	56.6	20.5
Not Stated	0.2	0.0	0.1
Citizens	100.0	100.0	100.0
Government	81.9	79.0	81.0
Private	4.7	5.2	4.9
Joint (Gov. and Private)	12.6	15.8	13.6
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	0.1	0.0	0.0
Private Households	0.0	0.0	0.0
Not Stated	0.6	0.0	0.4
Non-Citizens	100.0	100.0	100.0
Government	10.0	8.0	9.6
Private	74.5	23.1	62.9
Joint (Gov. and Private)	4.0	1.9	3.5
Foreign	0.7	0.2	0.6
Diplomatic	0.1	0.1	0.1
Non-Profit Organization	0.2	0.0	0.1
Without Establishment	0.0	0.0	0.0
Private Households	10.3	66.8	23.2
Not Stated	0.1	0.0	0.1

Source: Statistics Centre - Abu Dhabi

5.2.9 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Marital Status and Gender, 2019

(%)

Citizenship and Marital Status	Males	Females	Total
Grand Total	100.0	100.0	100.0
Never Married	20.7	34.8	24.0
Married	78.5	59.2	73.9
Divorced	0.7	4.0	1.5
Widowed	0.1	2.0	0.6
Citizens	100.0	100.0	100.0
Never Married	24.2	30.6	26.3
Married	72.1	57.4	67.5
Divorced	3.6	10.5	5.8
Widowed	0.0	1.4	0.5
Non-Citizens	100.0	100.0	100.0
Never Married	20.3	35.5	23.8
Married	79.2	59.5	74.8
Divorced	0.4	2.8	0.9
Widowed	0.1	2.1	0.6

Source: Statistics Centre - Abu Dhabi

5.2.10 Distribution of Employed Population Estimates (15 Years and Over) by Citizenship, Actual Weekly Working Hours and Gender, 2019

(%)

Citizenship and Actual Weekly Working Hours	Males	Females	Total
Grand Total	100.0	100.0	100.0
0*	1.5	1.1	1.4
1 - 20	0.5	1.3	0.7
21 -40	22.5	32.7	24.9
41 - 48	32.3	17.0	28.7
49+	43.1	47.8	44.2
Not Stated	0.1	0.1	0.1
Citizens	100.0	100.0	100.0
0*	9.1	5.7	8.1
1 - 20	1.9	1.8	1.8
21 -40	69.8	79.2	72.8
41 - 48	10.4	10.5	10.4
49+	8.4	2.7	6.6
Not Stated	0.4	0.2	0.3
Non-Citizens	100.0	100.0	100.0
0*	0.6	0.3	0.6
1 - 20	0.3	1.2	0.5
21 -40	17.1	24.4	18.8
41 - 48	34.8	18.2	31.1
49+	47.0	55.9	49.0
Not Stated	0.1	0.0	0.1

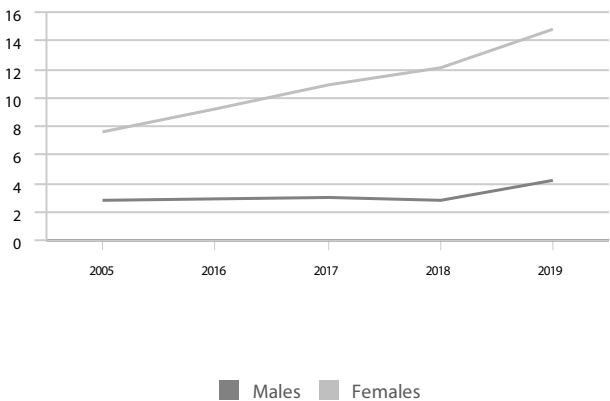
Source: Statistics Centre - Abu Dhabi

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

5.3 Unemployment

The unemployment rate in 2019 was about 6.9% Increase from 5.2% according to 2018 estimates. The 20 to 24 years age group accounted for the largest proportion of the unemployed persons (22.0%). Data shows female unemployment rate in 2019 was higher than that of male, averaging 14.8%. A distribution by educational attainment reveals that the majority of the unemployed (40.0%), hold an bachelor's degree, followed by upper secondary education 34.1%, while those with an educational attainment less than primary made up the lowest percentage (0.9%) of the unemployed. As the survey results indicate, 49.7% of the unemployed in the Emirate of Abu Dhabi are married, while 47.9% 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	2016	2017	2018	2019
Grand Total	3.5	4.4	5.0	5.2	6.9
Males	2.8	2.9	3.0	2.8	4.2
Females	7.6	9.2	10.9	12.1	14.8

Source: Statistics Centre - Abu Dhabi

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

5.3.2 Distribution of Unemployed Population Estimates (15 Years and Over) by Age Group and Gender, 2019

(%)

Age Group	Males	Females	Total
Grand Total	100.0	100.0	100.0
15 - 19	8.0	1.5	4.4
20 - 24	25.1	19.5	22.0
25 - 29	17.4	23.8	20.9
30 - 34	14.8	21.9	18.7
35 - 39	6.9	18.5	13.3
40 - 44	8.3	7.8	8.0
45 - 49	7.2	4.5	5.7
50 - 54	6.1	2.2	4.0
55 - 59	4.6	0.0	2.0
60 - 64	1.3	0.3	0.7
65+	0.4	0.0	0.2

Source: Statistics Centre - Abu Dhabi

5.3.3 Distribution of Unemployed Population Estimates (15 Years and Over) by Educational attainment and Gender, 2019

(%)

Educational attainment	Males	Females	Total
Grand Total	100.0	100.0	100.0
Less than primary	1.5	0.4	0.9
Primary	2.3	0.8	1.5
Lower Secondary	16.8	5.4	10.5
Upper Secondary	41.3	28.3	34.1
Post-secondary	7.2	6.5	6.8
Bachelor or equivalent	27.9	49.7	40.0
Higher Education	3.1	8.9	6.3

Source: Statistics Centre - Abu Dhabi

5.3.4 Distribution of Unemployed Population Estimate (15 Years and Over) by Marital Status and Gender, 2019

(%)

Marital Status	Males	Females	Total
Grand Total	100.0	100.0	100.0
Never Married	60.2	37.9	47.9
Married	39.4	58.0	49.7
Divorced	0.4	3.3	2.0
Widowed	0.0	0.8	0.5

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 58.9 dependents per 100 in the labour force for the total population, 32.9 for males and 133.2 for females. 22.8% of the total population aged 15 years and over were Outside Labour Force in year 2019, of which most were individuals engaged in household duties or students.

5.4.1 Economic Dependency Ratio by Citizenship, Region and Gender, 2019

(per 100 in the labour force)

Citizenship and Region	Males	Females	Total
Grand Total	32.9	133.2	58.9
Abu Dhabi Region	32.2	126.5	58.5
Al Ain Region	47.5	140.5	75.9
Al Dhafra Region	12.5	206.0	24.5
Citizens	150.6	299.4	206.9
Abu Dhabi Region	34.4	117.8	65.9
Al Ain Region	155.3	323.6	218.8
Al Dhafra Region	107.4	317.5	156.0
Non- Citizens	18.8	95.4	37.3
Abu Dhabi Region	19.4	96.8	39.9
Al Ain Region	25.6	85.2	42.9
Al Dhafra Region	7.1	169.4	15.2

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, 2019

(%)

Economic Inactive Status	Males	Females	Total
Grand Total	100.0	100.0	100.0
Household duties	0.8	46.7	32.5
Student	63.9	26.9	38.3
Unable to work	13.7	2.6	6.0
Retired	10.0	0.7	3.6
Over 65 of Age and Doesn't Work	2.6	2.4	2.5
Independent income	1.1	1.3	1.3
Social Circumstances	1.1	12.0	8.6
Unwilling to work	1.6	2.9	2.5
Didn't Find suitable Work	3.8	3.4	3.5
Others	1.4	1.1	1.2

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, 2019

(%)

Citizenship and Age Group	Males	Females	Total
Grand Total	100.0	100.0	100.0
15 - 19	55.6	19.2	30.5
20 - 24	17.4	11.4	13.2
25 - 29	4.3	9.5	7.9
30 - 34	1.7	11.4	8.4
35 - 39	0.9	10.7	7.7
40 - 44	1.2	10.0	7.3
45 - 49	2.0	6.9	5.4
50 - 54	2.7	6.4	5.3
55 - 59	2.6	6.0	5.0
60 - 64	5.6	4.3	4.7
65 +	6.0	4.2	4.7
Citizens	100.0	100.0	100.0
15 - 19	49.1	25.8	34.5
20 - 24	16.6	14.8	15.5
25 - 29	3.7	7.5	6.1
30 - 34	1.5	6.8	4.8
35 - 39	0.9	6.7	4.5
40 - 44	1.5	7.7	5.4
45 - 49	2.0	5.9	4.5
50 - 54	4.6	6.1	5.5
55 - 59	4.1	7.1	6.0
60 - 64	6.5	5.2	5.7
65 +	9.6	6.5	7.6
Non-citizens	100.0	100.0	100.0
15 - 19	61.7	15.4	27.8
20 - 24	18.1	9.4	11.8
25 - 29	4.8	10.7	9.1
30 - 34	1.9	14.0	10.8
35 - 39	0.8	13.0	9.7
40 - 44	0.9	11.3	8.5
45 - 49	2.0	7.5	6.0
50 - 54	0.9	6.6	5.1
55 - 59	1.3	5.4	4.3
60 - 64	4.8	3.7	4.0
65 +	2.7	2.8	2.8

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

2019	Agriculture	
	Total number of holdings (plant holdings)	24,018
	Total agriculture area (donums)	749,868
	Crop area of field crops (donums)	36,259
	Crop area of vegetables (donums)	18,711
	Crop area of fruit trees (donums)	272,322
	Number of sheep	1,662,890
	Number of goats	1,316,678
	Number of cattle	50,435
	Number of camels	442,018
	Number of commercial farms_ 2018	36
	Broiler - chicken meat production (tons)_ 2018	22,408
	Egg production (thousand eggs)_ 2018	529,693
	Milk production of commercial farms (tons)_ 2018	136,930
	Quantity of fish caught (tons)	2,598
	Value of fish caught (thousand AED)	57,162.6
	Exported agricultural goods (thousand AED)	6,317,783
	Re - exported agricultural goods (thousand AED)	3,272,185
	Environment	
	Average maximum temperature (C)	34.2
	Average minimum temperature (C)	22.9
	Average rainfall in millimeters	261.5
	Average relative humidity (%)	53.1
	Average atmospheric pressure (hPA)	1,009
	Total CO2 emissions - oil and gas sector (Million Tons)	35.2
	Total non-conventional water resources (MCM)	1,266
	Quantity of treated wastewater (MCM)	301
	Total amount of waste generated (tons)	10,979,476
	Daily average of waste generated (tons)	30,081
	Protected areas in the Emirate of Abu Dhabi (square kilometers)	18,240

Energy and Water

Annual production of crude oil (thousand barrels)	1,116,109
Annual external sales of crude oil (thousand barrels)	881,172
Annual production of natural gas (million cubic feet)	2,824,432
Total exports of liquefied natural gas products(thousand metric tons)	27,738
Total of available electric power (MWH)	72,830,075
Total of available desalinated water(Million Imperial Gallons)	235,020
Quantity of electricity generated from renewable energy (MWH)	2,163,799

6.1. Agriculture

Agriculture is of key importance in the achievement of food security and represents a central activity for related economic activities. Abu Dhabi Emirate has made vast strides in the field of agriculture, setting a worldwide example in overcoming the dry conditions of the desert and converting its arid terrain into green farms producing a variety of vegetables and fruits for the consumer market. Over the course of the past four decades, the number of plant holdings increased 38-folds from 634 in 1971 to 24,018 in 2019. 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 66.3% in Al Ain. Meanwhile, the total number of camels was 442,018 heads, mostly 58.1% in Al Ain in 2019.

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

Plant Production

Plant production statistics provide data on the changes taking place in this activity, which vary from one season to another. The area of fruits tree in 2019 forms 36%, followed by the area of field crops at 5%, and finally the area of vegetable crops at 3% of the total plant holdings area. Plant production statistics give an insight into the present levels of surplus or shortage, thereby enabling the formulation of policies on foreign trade in agriculture products to plan export and import quantities and develop plans in a way that would reduce shortage or surplus in field crops.

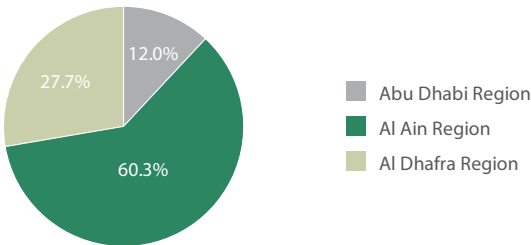
6.1.1 Number and Area of Plant Holdings by Region

(Donums)

Region	2010	2017	2018	2019
Total				
Number	24,290	24,018	24,018	24,018
Area	747,679	749,868	749,868	749,868
Abu Dhabi Region				
Number	3,837	3,605	3,605	3,605
Area	95,483	89,679	89,679	89,679
Al Ain Region				
Number	11,894	11,921	11,921	11,921
Area	441,637	452,503	452,503	452,503
Al Dhafra Region				
Number	8,559	8,492	8,492	8,492
Area	210,559	207,686	207,686	207,686

Source: Abu Dhabi Agriculture and Food Safety Authority

Figure 6.1.1 Percentage Distribution of Plant Holdings Area by Region, 2019



Source: Statistics Centre - Abu Dhabi

6.1.2 Number of Farms by Area Category and Region, 2019

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

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.3 Area of Farms by Area Category and Region, 2019

(Donums)

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

Source: Abu Dhabi Agriculture and Food Safety Authority

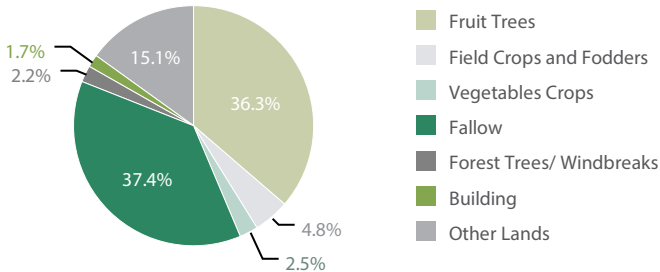
6.1.4 Area of Plant Holdings by Land Use and Region, 2019

(Donums)

Item	Total	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Total area of holdings	749,868.4	89,678.6	452,503.4	207,686.4
Fruit Trees	272,322.0	23,175.0	145,779.0	103,368.0
Field Crops and Fodders	36,259.1	3,808.0	27,207.1	5,244.0
Vegetables Crops (opened field)	13,734.7	3,565.7	6,897.5	3,271.5
Vegetables Crops (under protective cover)	4,975.9	665.5	3,383.3	927.1
Fallow	280,103.5	30,792.1	181,092.3	68,219.1
Forest Trees/ Windbreaks	16,701.0	4,664.0	4,762.0	7,275.0
Building	12,725.2	1,498.0	7,662.2	3,565.0
Other Lands	113,047.0	21,510.3	75,720.0	15,816.7

Source: Abu Dhabi Agriculture and Food Safety Authority

Figure 6.1.2 Percentage Distribution of Plant Holdings Area by Land Use, 2019



Source: Statistics Centre - Abu Dhabi

6.1.5 Crop Area of Field Crops by Region

(Donums)

Region	2010	2017	2018	2019
Total	231,919	62,575	43,514	36,259
Abu Dhabi Region	33,708	4,981	3,732	3,808
Al Ain Region	134,734	46,784	33,197	27,207
Al Dhafra Region	63,477	10,810	6,585	5,244

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.6 Quantity of Production of Field Crops by Region

(Tons)

Region	2010	2017	2018	2019
Total	1,041,325	234,230	177,589	161,506
Abu Dhabi Region	153,663	16,381	13,928	13,925
Al Ain Region	667,801	163,056	139,747	125,556
Al Dhafra Region	219,861	54,793	23,914	22,025

Source: Abu Dhabi Agriculture and Food Safety Authority

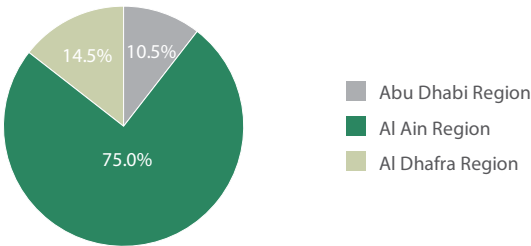
6.1.7 Value of Field Crops by Region

(Thousand AED)

Region	2010	2017	2018	2019
Total	1,699,723	325,654	247,854	227,754
Abu Dhabi Region	250,819	30,254	27,675	27,487
Al Ain Region	1,090,031	193,930	178,945	160,732
Al Dhafra Region	358,873	101,470	41,234	39,535

Source: Abu Dhabi Agriculture and Food Safety Authority

Figure 6.1.3 Percentage Distribution of Area Cultivated with Field Crops by Region, 2019



Source: Statistics Centre - Abu Dhabi

6.1.8 Quantity of Production, Cultivated area, and Average Yield of Vegetables by Type, 2019

Type	Production(Tons)	Crop area(Donums)	Average yield (Tons/Domum)
Total	122,549.8	18,710.6	-
Potato	813.3	325.4	2.5
Cabbage	12,326.5	2,062.2	6.0
Hot Pepper	339.2	193.2	1.8
Sweet Pepper	1,404.2	477.7	2.9
Marrow	4,277.3	1,882.4	2.3
Egg Plant	4,285.2	1,259.4	3.4
Cucumber	64,774.3	3,285.8	19.7
Tomato	20,245.5	2,593.4	7.8
Water Melon	395.2	131.7	3.0
Sweet Melon	1,022.7	292.2	3.5
Lettuce	285.9	333.6	0.9
Onion	4,492.7	1,495.4	3.0
Parsley	1,261.5	843.1	1.5
Beans	292.9	344.6	0.8
Beets	374.2	213.8	1.8
Carrot	115.5	66.0	3.5
Cauliflower	1,425.1	407.3	2.8
Pumpkin	1,201.5	436.8	2.8
Coriander	188.4	217.6	0.9
Mallow	51.0	148.9	0.3
Okra	124.2	206.9	0.6
Radish	191.2	102.5	1.9
Garden Rocket	153.2	85.3	1.8
Turnip	66.1	37.8	1.7
Broccoli	1,554.2	777.1	2.0
Others	888.8	490.5	1.8

Source: Abu Dhabi Agriculture and Food Safety Authority

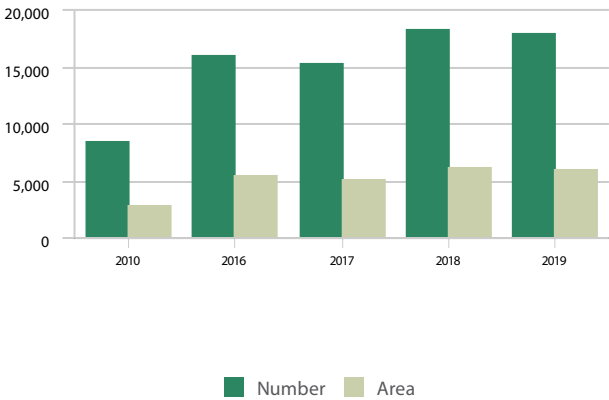
6.1.9 Number and Area of Greenhouses

(Area: Donums)

Item	2016	2017	2018	2019
Number	16,037	15,340	18,269	17,866
Area	5,504	5,118	6,164	5,891

Source: Abu Dhabi Agriculture and Food Safety Authority

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



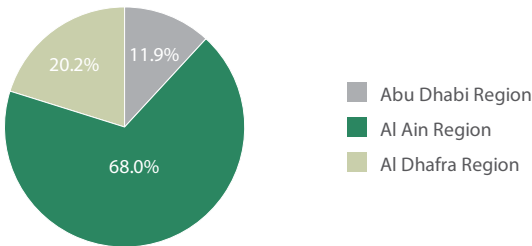
Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.10 Number of Greenhouses by Region

Region	2016	2017	2018	2019
Total	16,037	15,340	18,269	17,866
Abu Dhabi Region	2,227	2,130	2,070	2,118
Al Ain Region	9,821	9,394	12,056	12,145
Al Dhafra Region	3,989	3,816	4,143	3,603

Source: Abu Dhabi Agriculture and Food Safety Authority

Figure 6.1.5 Percentage distribution of the number of greenhouse by region, 2019



Source: Statistics Centre - Abu Dhabi

6.1.11 Quantity of Dates Received to ALFOAH Company by Region

Quantity: Tons

Region	2016	2017	2018	2019
Total	96,037	89,938	81,314	87,919
Abu Dhabi Region	5,745	5,464	2,180	1,983
Al Ain Region	55,706	52,869	48,351	53,898
Al Dhafra Region	34,586	31,605	30,783	32,038

Source: Al Foah Company

6.1.12 Value of Dates Received to ALFOHAH Company by Region

Value : Thousand AED

Region	2016	2017	2018	2019
Total	600,148	489,689	482,586	600,244
Abu Dhabi Region	25,882	24,376	10,342	11,201
Al Ain Region	341,631	282,469	284,837	375,718
Al Dhafra Region	232,636	182,844	187,407	213,325

Source: Al Foah Company

6.1.13 Number and Area of Windbreak Trees by Region, 2019

(Area: Donums)

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

Source: Abu Dhabi Agriculture and Food Safety Authority

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

(Quantity in tons, value in thousand AED)

Product	2019	
	Quantity	Value
Total	122,549.8	356,289.8
Potato	813.3	1,773.6
Cabbage	12,326.5	17,157.1
Hot Pepper	339.2	1,502.1
Sweet Pepper	1,404.2	6,091.7
Marrow	4,277.3	15,687.9
Egg Plant	4,285.2	8,354.1
Cucumber	64,774.3	195,082.7
Tomato	20,245.5	59,016.6
Water Melon	395.2	912.3
Sweet Melon	1,022.7	2,674.6
Lettuce	285.9	1,233.1
Onion	4,492.7	9,869.1
Parsley	1,261.5	6,979.1
Beans	292.9	1,132.7
Beets	374.2	1,194.3
Carrot	115.5	360.1
Cauliflower	1,425.1	3,689.2
Pumpkin	1,201.5	6,222.4
Coriander	188.4	1,022.8
Mallow	51.0	243.5
Okra	124.2	658.2
Radish	191.2	1,020.4
Garden Rocket	153.2	929.4
Turnip	66.1	257.0
Broccoli	1,554.2	10,421.6
Other	888.8	2,804.2

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.15 Agriculture Producers Price Indices

(2018 = 100)

Crop	2019
All Products	79.1
Tomato	85.0
Sweet Pepper	58.4
Hot Pepper	81.3
Cucumber	77.8
Marrow	70.7
Water Melon	75.7
Onion	76.4
Beans	89.2
Eggplant	59.5
Cauliflower	78.9
Cabbage	108.9
Lettuce	56.3
Pumpkin	81.2
Coriander	56.6
Beets	77.3
Parsley	60.3
Potato	89.4
Corn	82.3
Radish	98.7
Okra	58.8

Source: Statistics Centre - Abu Dhabi

6.1.16 Quantity of Pesticides Used by Region

(Liter)

Region	2016	2017	2018	2019
Total	21,394	15,522	16,377	25,519
Abu Dhabi Region	1,564	438	784	2,080
Al Ain Region	12,047	9,287	9,264	12,653
Al Dhafra Region	7,783	5,797	6,329	10,786

Source: Abu Dhabi Agriculture and Food Safety Authority

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 85.8% of the total livestock, followed by camels at 12.7% and cattle at 1.5% as shown by the data pertaining to traditional holdings in 2019. 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 2019 the total fish catch amounted to 2,598 tons, with a market value of million AED 57.2

6.1.17 Number of Livestock by Type

Type	2010	2017	2018	2019
Total	2,357,065	3,545,000	3,599,749	3,472,021
Sheep	1,041,370	1,757,481	1,771,922	1,662,890
Goats	1,000,532	1,337,090	1,382,341	1,316,678
Cattle	39,778	41,959	40,326	50,435
Camels	275,385	408,470	405,160	442,018

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.18 Number of Livestock by Type - Abu Dhabi Region

Type	2010	2017	2018	2019
Total	387,379	613,841	637,681	633,224
Sheep	173,757	330,880	329,654	321,904
Goats	166,942	219,063	234,469	230,988
Cattle	3,764	7,179	7,135	7,063
Camels	42,916	56,719	66,423	73,269

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.19 Number of Livestock by Type - Al Ain Region

Type	2010	2017	2018	2019
Total	1,516,657	2,335,268	2,341,597	2,273,444
Sheep	671,639	1,126,509	1,137,697	1,062,318
Goats	645,299	931,030	938,342	911,877
Cattle	34,911	33,800	32,492	42,467
Camels	164,808	243,929	233,066	256,782

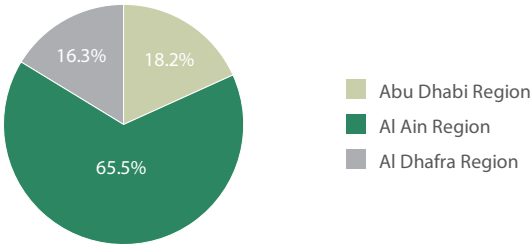
Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.20 Number of Livestock by Type - Al Dhafra Region

Type	2010	2017	2018	2019
Total	453,029	595,891	620,471	565,353
Sheep	195,975	300,092	304,571	278,668
Goats	188,290	186,997	209,530	173,813
Cattle	1,103	980	699	905
Camels	67,661	107,822	105,671	111,967

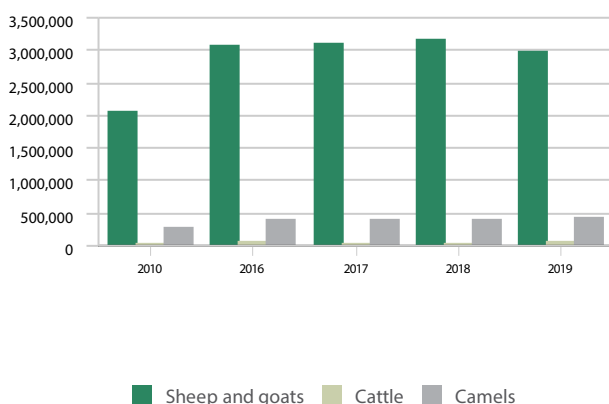
Source: Abu Dhabi Agriculture and Food Safety Authority

Figure 6.1.6 Percentage Distribution of Number of Livestock by Region, 2019



Source: Statistics Centre - Abu Dhabi

Figure 6.1.7 Number of Livestock by Type



Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.21 Number of Animal Holdings by Region

Region	2010	2017	2018	2019
Total	17,963	25,200	24,189	25,087
Abu Dhabi Region	3,659	4,493	4,983	5,183
Al Ain Region	10,692	16,211	14,895	15,462
Al Dhafra Region	3,612	4,496	4,311	4,442

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.22 Number of Slaughtered Animals by Type

Type	2010	2017	2018	2019
Total	706,266	936,246	927,574	920,350
Sheep and goats	671,783	877,932	866,835	858,919
Cattle	13,942	11,824	12,551	14,126
Camels	20,541	46,490	48,188	47,305

Source: Department of Municipalities and Transport - Municipality of Abu Dhabi- Al Ain- Al Dhafra

6.1.23 Quantity of Meat Produced From Slaughter by Type

(Tons)

Type	2010	2017	2018	2019
Total	14,669	20,367	28,985	28,677
Sheep and goats	9,937	11,529	11,453	11,306
Cattle	2,465	2,426	4,051	4,525
Camels	2,267	6,412	13,481	12,846

Source: Department of Municipalities and Transport - Municipality of Abu Dhabi- Al Ain- Al Dhafra

6.1.24 Value of Meat Produced From Slaughter by Type

(Thousand AED)

Type	2010	2017	2018	2019
Total	473,000	830,416	1,184,103	1,076,456
Sheep and goats	331,000	521,199	518,233	508,328
Cattle	74,000	82,957	137,930	104,894
Camels	68,000	226,260	527,940	463,234

Source: Department of Municipalities and Transport - Municipality of Abu Dhabi- Al Ain- Al Dhafra

6.1.26 Number of Commercial Farms by Type of Farm

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

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.27 Quantity of Production in Commercial Farms by Type

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

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.27 Quantity and Value of Fish Caught by Major Fish Families

(Quantity in tons, value in Thousand AED)

Fish Families	2018		2019	
	Quantity	Value	Quantity	Value
Total	4,892.2	120,533.5	2,598.0	57,162.6
Carangidae	1,331.2	23,331.8	456.0	8,684.8
Haemulidae	80.1	1,344.3	38.7	538.9
Lethrinidae	272.9	7,376.4	211.3	4,293.8
Lutjanidae	63.9	650.8	288.5	1,884.8
Portunidae	266.8	4,399.5	170.0	2,855.7
Scombridae	1,940.9	51,431.1	503.2	14,175.0
Epinephelidae	614.1	26,543.3	419.3	16,388.8
Sparidae	31.8	540.8	49.1	609.7
Others	290.5	4,915.5	461.9	7,731.1

Source: Environment Agency - Abu Dhabi

6.1.28 Quantity of Fish Caught by Month

(Tons)

Month	2010	2017	2018	2019
Total	6,556	4,740	4,892	2598
Jan	1,387	673	709	229
Feb	691	472	1,096	230
Mar	471	559	630	211
Apr	604	476	175	176
May	514	287	183	94
Jun	251	103	188	206
Jul	212	125	157	231
Aug	173	117	112	216
Sep	199	132	89	357
Oct	418	516	491	165
Nov	759	500	219	263
Dec	876	780	843	220

Source: Environment Agency - Abu Dhabi

6.1.29 Number of Animals Treated at Veterinary Clinics by Region

Region	2010	2017	2018	2019
Total	1,358,213	671,424	561,376	629,913
Abu Dhabi Region	530,499	160,546	118,290	195,171
Al Ain Region	597,278	299,503	302,241	303,714
Al Dhafra Region	230,436	211,375	140,845	131,028

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.30 Number of Cases Vaccinated by Type of Animal

Type of Animal	2010	2017	2018	2019
Total	4,821,797	7,593,569	5,085,297	3,324,003
Sheep	3,919,529	3,830,480	2,151,692	1,589,033
Goats	857,237	3,757,408	2,927,417	1,732,320
Cattle	45,031	5,681	6,188	2,650

Source: Abu Dhabi Agriculture and Food Safety Authority

6.1.31 Number of Incidence of Poultry Diseases by Region

Region	2010	2017	2018	2019
Total	124,613	78,064	33,804	80,947
Abu Dhabi Region	26,806	20,628	8,704	42,969
Al Ain Region	50,596	13,505	15,064	31,571
Al Dhafra Region	47,211	43,931	10,036	6,407

Source: Abu Dhabi Agriculture and Food Safety Authority

Agricultural Goods Trade

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

6.1.32 Value of Imports of Agricultural Goods and Food

(Thousand AED)

Item	2015	2017	2018	2019
Total	8,680,178	7,782,250	7,709,138	7,812,293
Live animals and their products	2,836,390	3,067,774	2,854,709	2,744,439
Vegetable products	2,897,759	2,129,972	2,389,376	2,678,899
Animals or vegetable fats, oils and waxes	396,914	419,620	336,586	311,370
Foodstuffs, beverages, spirits and tobacco	2,424,206	2,098,527	2,057,899	2,003,141
Fertilizers	99,553	54,303	60,909	64,668
Pesticides and rodents, fungi, weeds	25,356	12,054	9,659	9,776

Source: Statistics Centre - Abu Dhabi

6.1.33 Value of Exports of Agricultural Goods and Food

(Thousand AED)

Item	2015	2017	2018	2019
Total	10,450,015	7,353,615	7,491,182	6,317,783
Live animals and their products	2,200,775	1,838,072	2,390,347	1,813,131
Vegetable products	2,158,013	994,264	623,163	640,053
Animals or vegetable fats, oils and waxes	1,283,472	564,309	568,618	378,470
Foodstuffs, beverages, spirits and tobacco	4,467,523	3,832,000	3,759,035	3,367,773
Fertilizers	77,370	49,678	49,859	44,334
Pesticides and rodents, fungi, weeds	262,862	75,292	100,160	74,022

Source: Statistics Centre - Abu Dhabi

6.1.34 Value of Re-Exports of Agricultural Goods and Food

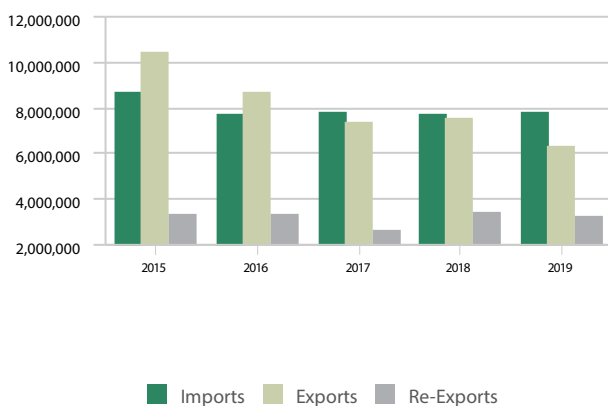
(Thousand AED)

Item	2015	2017	2018	2019
Total	3,288,705	2,644,071	3,416,999	3,272,185
Live animals and their products	428,195	263,089	343,743	436,967
Vegetable products	1,935,382	1,266,546	2,025,700	1,831,919
Animals or vegetable fats, oils and waxes	18,484	13,833	10,071	7,900
Foodstuffs, beverages, spirits and tobacco	886,166	1,094,241	1,033,843	990,577
Fertilizers	3,243	1,806	2,051	3,278
Pesticides and rodents, fungi, weeds	17,235	4,556	1,591	1544

Source: Statistics Centre - Abu Dhabi

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

(Value: 000 AED)



Source: Statistics Centre - Abu Dhabi

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

(Quantity in tons, value in thousand AED)

Description	2015	2017	2018	2019
Imports				
Quantity	46,121	35,102	34,337	39,125
Value	99,553	54,303	60,909	64,668
Exports				
Quantity	115,290	19,280	19,082	17,451
Value	77,370	49,678	49,859	44,334
Re-Exports				
Quantity	688	609	1,235	1,472
Value	3,243	1,806	2,051	3,278

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 2019, the average minimum temperature of Abu Dhabi Emirate was 22.9 Co, while the average maximum temperature was 34.2 Co. Average annual rainfall increased from 80.2 mm in 2018 to 261.5 mm in 2019. Average minimum relative humidity was 24.7% while average maximum relative humidity was 71.7%. Average atmospheric pressure was 1,009 hPA. The maximum daily solar radiation exceeded 7,500 Watt /m²/h during summer months. Regarding air quality, the concentrations of air pollutants in 2019 were within their permissible limits. Annual average concentration of particulate matter, with a diameter of 10 micron, ranged between 83.4 and 127.6 mcg/m³ in the urban areas of the Emirate. The quantity of treated wastewater in 2019 was 300.9 MCM, of which Abu Dhabi region accounted for approximately 76%, where Al Dhafra region did not exceed 4% of the total. Regarding waste statistics, the Emirate of Abu Dhabi generated a daily average up to 29.9 thousand tons of waste in 2019 which is up to approximately 10.9 million tons of non-hazardous waste annually. Commercial and industry waste accounted for the largest percentage 37% of the total amount of waste generated in the Emirate.

Climate

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

The Emirate's high summer temperatures are associated with high relative humidity, especially in coastal areas. Abu Dhabi has warm winters with occasionally low temperatures. The air temperatures show a variations between the coastal strip, the desert interior and areas of higher elevation, which together make up the topography of the Emirate. Abu Dhabi receives scant rainfall but totals vary greatly from year to year.

Seasonal northerly winds blow across the country, helping to ameliorate the weather, when they are not laden with dust, in addition to the brief moisture-laden south-easterly winds. The winds often vary between southerly, south-easterly, westerly, northerly and north westerly.

Another characteristic of the Emirate's weather is the high rate of evaporation of water due to several factors, namely high temperature, wind speed, and low rainfall. The National Center of Meteorology and Seismology provides Statistics Center - Abu Dhabi with climate data from stations throughout the Emirate of Abu Dhabi. The Statistics Centre - Abu Dhabi then process it and produce climate data classified into four main areas Abu Dhabi, Al Ain, Al Dhafra and the islands.

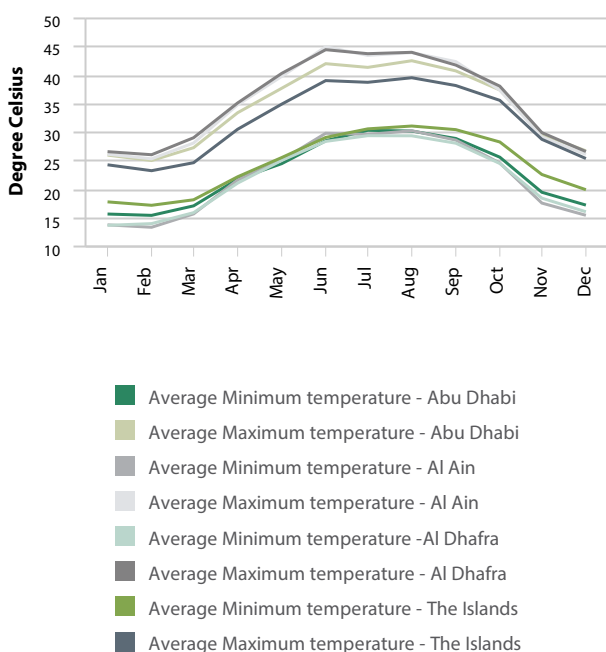
6.2.1 Average Air Temperature by Month and Region, 2019

(Degree Celsius)

Month	Abu Dhabi	Al Ain	Al Dhafra	The Islands
January	20.5	19.8	20.0	20.8
February	20.3	19.6	20.1	20.2
March	22.1	22.0	22.5	21.3
April	27.3	28.4	28.0	25.9
May	30.8	32.6	32.9	29.9
June	34.7	37.4	36.6	33.7
July	35.4	36.4	36.7	34.4
August	35.7	37.0	36.7	34.9
September	34.1	35.1	34.8	33.8
October	31.0	30.7	31.3	31.5
November	24.6	23.2	24.2	25.8
December	21.9	20.6	21.3	22.7

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

Figure 6.2.1 Average maximum and minimum air temperature by month and region, 2019



Source: Statistics Centre- Abu Dhabi

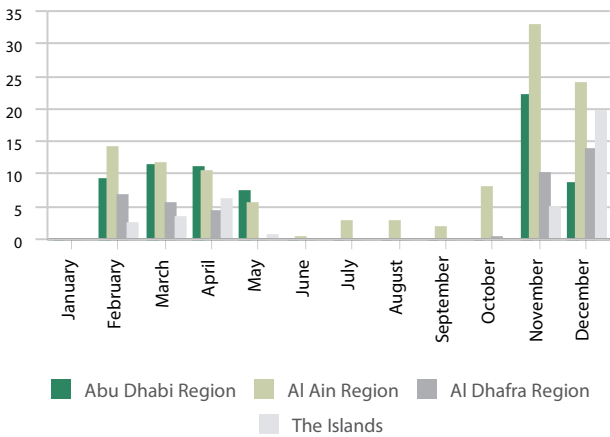
6.2.2 Average Rainfall by Month and Region, 2019

(Millimetres)

Month	Abu Dhabi	Al Ain	Al Dhafra	The Islands
January	0.0	0.0	0.0	0.0
February	9.3	14.0	6.7	2.5
March	11.4	11.5	5.6	3.2
April	11.0	10.5	4.2	6.2
May	7.4	5.5	0.0	0.8
June	0.0	0.2	0.0	0.0
July	0.0	2.7	0.0	0.0
August	0.0	2.7	0.0	0.0
September	0.0	2.0	0.0	0.0
October	0.0	8.0	0.2	0.0
November	22.1	33.0	10.1	4.9
December	8.6	23.9	13.8	19.7

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

Figure 6.2.2 Average Rainfall by Month and Region, 2019



Source: Statistics Centre- Abu Dhabi.

6.2.3 Average Atmospheric Pressure by Month and Region, 2019

(Hectopascal)

Month	Abu Dhabi	Al Ain	Al Dhafra	The Islands
January	1,019.1	1,019.7	1,018.4	1,019.8
February	1,017.1	1,017.6	1,016.3	1,017.9
March	1,014.2	1,014.9	1,013.5	1,014.9
April	1,011.0	1,011.6	1,010.5	1,011.7
May	1,007.3	1,007.7	1,006.9	1,008.0
June	1,000.4	1,000.6	1,000.1	1,001.2
July	996.9	997.3	996.6	997.5
August	998.9	999.2	998.3	999.5
September	1,003.9	1,004.2	1,003.3	1,004.5
October	1,010.8	1,011.4	1,010.1	1,011.4
November	1,015.8	1,016.1	1,015.0	1,016.4
December	1,009.0	1,018.0	1,016.7	1,018.2

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

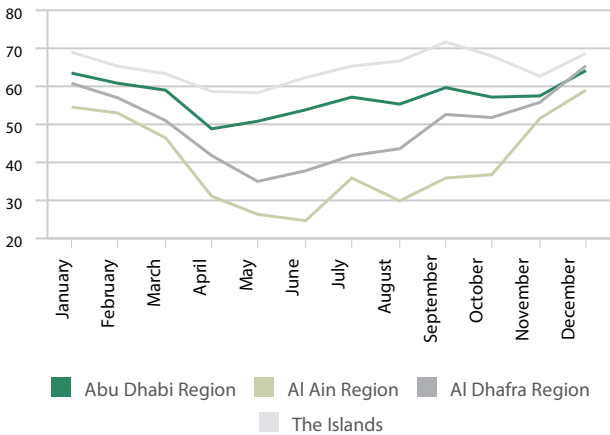
6.2.4 Average relative humidity by Month and Region, 2019

%

Month	Abu Dhabi	Al Ain	Al Dhafra	The Islands
January	63.5	54.6	60.8	69.0
February	60.8	53.0	57.0	65.3
March	59.0	46.4	51.0	63.3
April	48.8	31.1	41.8	58.7
May	50.8	26.3	35.0	58.3
June	53.8	24.7	37.8	62.3
July	57.2	35.9	41.8	65.3
August	55.3	29.9	43.6	66.7
September	59.7	35.9	52.6	71.7
October	57.2	36.8	51.8	68.0
November	57.5	51.6	55.8	62.7
December	64.2	59.0	65.4	68.7

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

Figure 6.2.3 Average Relative Humidity by Month and Region, 2019



Source: Statistics Centre- Abu Dhabi.

6.2.5 Average Wind Speed by Month and Region, 2019

(Knot)

Month	Abu Dhabi	AL Ain	Al Dhafra	The Islands
January	12.3	9.3	12.4	15.0
February	14.7	11.7	14.0	18.3
March	17.3	15.3	17.2	20.7
April	14.5	12.4	15.4	17.0
May	12.5	12.3	13.2	13.3
June	12.5	12.0	13.2	13.3
July	13.8	12.7	14.6	13.7
August	12.8	10.9	12.8	12.0
September	12.7	11.0	11.8	11.0
October	12.7	10.6	11.6	10.3
November	11.7	9.1	10.8	11.7
December	11.5	8.7	11.4	12.7

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

* Knot = 1.15 mph

6.2.6 Average Daily Sunshine by Month and Region, 2019

(Hours)

Month	Abu Dhabi	Al Ain
January	8.6	9.0
February	7.5	8.9
March	7.9	9.7
April	8.7	10.4
May	10.5	11.2
June	10.9	11.5
July	10.6	11.2
August	10.3	10.2
September	9.8	10.4
October	9.6	9.7
November	8.1	8.5
December	7.6	8.5

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

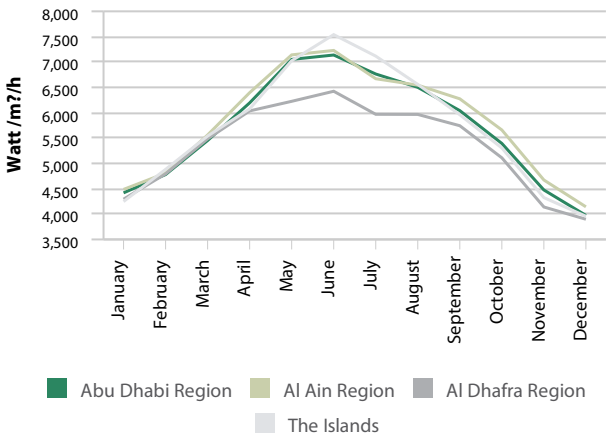
6.2.7 Average Daily Total Solar Radiation by Month and Region, 2019

(Watt /m²/h)

Month	Abu Dhabi	Al Ain	Al Dhafra	The Islands
January	4,418.5	4,487.0	4,294.8	4,247.5
February	4,779.7	4,808.1	4,793.0	4,882.0
March	5,451.3	5,560.9	5,484.8	5,539.5
April	6,194.0	6,395.2	6,035.6	6,076.0
May	7,051.7	7,141.0	6,224.8	7,025.5
June	7,138.3	7,228.4	6,423.2	7,540.3
July	6,763.5	6,670.4	5,968.6	7,116.5
August	6,500.7	6,544.0	5,966.2	6,559.0
September	6,041.5	6,274.0	5,743.4	5,959.5
October	5,394.0	5,659.4	5,110.0	5,303.5
November	4,476.0	4,672.8	4,140.2	4,325.5
December	3,974.5	4,143.6	3,898.4	3,957.5

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

Figure 6.2.4 Average Daily Total Solar Radiation by Month and Region, 2019



Source: Statistics Centre- Abu Dhabi.

Air Statistics

Air pollution comes from stationary sources such as power plants and factories and mobile sources such as trucks, cars, and buses. Emissions from these sources reduce air quality, leaving a negative impact on people's health and the balance of ecosystems. Major air pollutants monitored are sulphur dioxide, nitrogen dioxide, particulate matter (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 2019 annual average concentration of PM₁₀ ranged between 83.4 and 127.6 mcg/m³ in the urban areas of the Emirate while annual average concentration of sulphur dioxide ranged between 9.9 and 18.3 mcg/m³, which is below the national maximum allowable limit (60 mcg/m³).

6.2.8 Annual Average of Air Pollution Indicators in Urban Areas by Region and Station, 2019
(Microgram/m³)

Indicator (maximum allowable limit)	Sulphur dioxide (60 mcg/m ³)	Nitrogen dioxide	Ground level ozone	Particulate matter - PM10
Abu Dhabi Region				
Khalifa School	9.9	35.2	67.9	102.3
Baniyas School	11.7	28.2	64.7	108.1
Khalifa City	12.6	41.2	69.4	127.6
Al Maqta	10.9	50.8	79.5	112.6
Al Ain Region				
Al Ain School	10.4	32.0	64.8	90.3
Suweihan	10.7	16.1	85.7	83.4
Zakher	10.5	27.8	-	110.5
Al Tawia	10.8	23.1	80.2	98.8
Al Dhafra Region				
Bida Zayed	18.3	16.6	87.6	104.5

Source: Environment Agency - Abu Dhabi.
Ambient Air quality preliminary data for 2019

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

(Microgram/m³)

Station location	2016	2017	2018	2019
Abu Dhabi Region				
City centre - Khadija School	13.6	13.6	15.9	12.5
Urban/ residential - Khalifa School	11.2	11.9	13.1	9.9
Road side - Hamdan Street	13.4	13.1	15.2	12.1
Urban/ residential - Baniyas School	9.4	9.1	10.8	11.7
Industrial - Mussafah	12.4	12.5	14.9	8.6
Industrial - Al Mafraq	10.0	10.1	13.8	13.9
Urban/ residential - Khalifa City	10.4	10.7	12.6	12.6
Urban/ residential - Al Maqta	10.8	10.6	12.3	10.9
Al Ain Region				
Urban/ residential - Al Ain School	6.4	6.5	8.0	10.4
Road side - Al Ain Street	5.4	5.6	6.6	10.9
Regional background - Al Qua'a	5.6	5.0	6.7	10.6
Urban/ residential - Suweiha	8.1	9.1	10.3	10.7
City centre - Zakher	8.1	7.5	9.3	10.5
Urban/ residential - Al Tawia	6.4	7.1	6.9	10.8
Al Dhafra Region				
Urban/ residential - Bida Zayed	15.4	13.7	16.3	18.3
Industrial - Ruwais	20.2	19.1	20.9	16.4
City centre - Gayathi School	12.9	14.0	14.3	13.8
Regional background - Liwa Oasis	10.2	11.7	13.5	13.9
Regional background / Industrial - Habshan	17.7	17.4	19.2	15.6

Source: Environment Agency - Abu Dhabi. "Ambient Air quality preliminary data for 2019"

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

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

(Microgram/m³)

Station location	2016	2017	2018	2019
Abu Dhabi Region				
City centre - Khadija School	30.8	34.6	37.7	34.8
Urban/ residential - Khalifa School	27.8	33.1	34.8	35.2
Road side - Hamdan Street	50.1	51.3	54.1	63.1
Urban/ residential - Baniyas School	32.2	34.0	35.3	28.2
Industrial - Mussafah	52.4	54.4	52.9	49.5
Industrial - Al Mafraq	45.8	48.9	51.4	50.8
Urban/ residential - Khalifa City	28.2	32.1	33.2	41.2
Urban/ residential - Al Maqta	38.7	45.2	44.6	36.3
Al Ain Region				
Urban/ residential - Al Ain School	32.4	34.3	35.5	32.0
Road side - Al Ain Street	42.7	42.2	41.4	54.5
Regional background - Al Qua'a	4.5	5.3	7.0	8.9
Urban/ residential - Suweiha	13.2	16.8	17.6	16.1
City centre - Zakher	35.2	33.8	38.1	27.8
Urban/ residential - Al Tawia	33.4	33.3	29.5	23.1
Al Dhafra Region				
Urban/ residential - Bida Zayed	14.0	15.1	15.5	16.6
Industrial - Ruwais	24.8	21.7	22.4	21.8
City centre - Gayathi School	14.9	15.6	14.1	14.4
Regional background - Liwa Oasis	4.1	5.8	8.4	9.4
Regional background / Industrial - Habshan	13.1	13.4	19.9	18.3

Source: Environment Agency - Abu Dhabi.

Ambient Air quality preliminary data for 2019

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

(Microgram/m³)

Station location	2016	2017	2018	2019
Abu Dhabi Region				
City centre - Khadija School	79.9	91.4	95.7	83.4
Urban/ residential - Khalifa School	91.2	90.3	95.4	67.9
Urban/ residential - Baniyas School	70.9	70.0	71.1	64.7
Urban/ residential - Khalifa City	93.3	83.2	89.7	69.4
Urban/ residential - Al Maqta	80.7	90.2	111.7	79.5
Al Ain Region				
Urban/ residential - Al Ain School	65.0	68.9	80.8	64.8
Regional background - Al Qua'a	91.7	72.9	72.1	79.3
Urban/ residential - Suweiha	90.2	92.3	94.1	85.7
Urban/ residential - Al Tawia	92.7	86.9	89.6	80.2
Al Dhafra Region				
Urban/ residential - Bida Zayed	95.9	87.6	87.6	87.6
Industrial - Ruwais	91.9	89.1	96.4	90.5
City centre - Gayathi School	91.8	87.8	98.9	93.4
Regional background - Liwa Oasis	106.6	99.4	114.8	94.1
Regional background / Industrial - Habshan	91.9	86.6	109.2	101.2

Source: Environment Agency - Abu Dhabi.
Ambient Air quality preliminary data for 2019

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

(Microgram/m3)

Station location	2016	2017	2018	2019
Abu Dhabi Region				
City centre - Khadija School	117.1	111.8	121.9	102.3
Urban/ residential - Khalifa School	127.1	120.0	132.4	104.7
Road side - Hamdan Street	101.0	114.0	122.9	100.2
Urban/ residential - Baniyas School	130.0	129.4	135.0	108.1
Industrial - Mussafah	158.1	146.3	160.4	130.4
Industrial - Al Mafraq	206.9	177.9	164.1	164.6
Urban/ residential - Khalifa City	155.9	120.0	145.5	127.6
Urban/ residential - Al Maqta	136.4	117.9	128.3	112.6
Al Ain Region				
Urban/ residential - Al Ain School	111.7	116.5	143.4	90.3
Road side - Al Ain Street	102.3	103.3	122.9	86.0
Regional background - Al Qua'a	108.9	130.3	154.4	115.4
Urban/ residential - Suweihan	90.8	114.4	136.3	83.4
City centre - Zakher	94.0	125.2	133.1	110.5
Urban/ residential - Al Tawia	100.1	112.7	134.8	98.8
Al Dhafra Region				
Urban/ residential - Bida Zayed	128.7	128.8	127.5	104.5
Industrial - Ruwais	125.6	108.5	116.8	100.3
City centre - Gayathi School	112.4	111.0	124.5	100.8
Regional background - Liwa Oasis	112.8	113.8	123.5	110.5
Regional background / Industrial - Habshan	128.8	119.7	123.9	111.4

Source: Environment Agency - Abu Dhabi.
 Ambient Air quality preliminary data for 2019

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

(Milligram/m3)

Station location	2016	2017	2018	2019
Abu Dhabi Region				
Road side - Hamdan Street	1.4	1.2	0.6	1.0
Urban/ residential - Al Maqta	0.6	0.8	1.2	0.8
Al Ain Region				
Road side - Al Ain Street	0.6	0.7	0.5	0.5
Regional background - Al Qua'a	0.3	0.3	0.8	0.3
Urban/ residential - Suweiha	0.5	0.5	0.2	0.7
Al Dhafra Region				
Industrial - Ruwais	0.8	1.0	0.4	0.8

Source: Environment Agency - Abu Dhabi.
Ambient Air quality preliminary data for 2019

6.2.14 Annual Average of Noise Level by Region

(Decibels)

Station location	2016	2017	2018	2019
Abu Dhabi Region				
City centre - Khadija School	-	-	58.8	59.5
Urban/ residential - Khalifa School	49	49.3	50.9	55.7
Road side - Hamdan Street	58.7	58.7	62.4	65.3
Urban/ residential - Baniyas School	45.5	-	46.9	51.8
Industrial - Mussafah	53.4	54.1	53.9	63.4
Industrial - Al Mafraq	50.6	47.6	44.2	58.4
Urban/ residential - Khalifa City	45.8	45.3	48.1	52.4
Urban/ residential - Al Maqta	48.5	49.6	50.2	52.7
Al Ain Region				
Urban/ residential - Al Ain School	50.2	50.1	48.8	49.3
Road side - Al Ain Street	61.3	61.4	61.6	60.9
Regional background - Al Qua'a	47.6	41.6	39	48.3
Urban/ residential - Suweiha			45.9	49.9
City centre - Zakher	49.2	-	49.8	49.9
Urban/ residential - Al Tawia	52.2	-	49.2	54.6
Al Dhafra Region				
Urban/ residential - Bida Zayed	-	50	51.3	55.3
Industrial - Ruwais	39.1	37.3	34.4	56.9
City centre - Gayathi School	-	-	53.8	54.8
Regional background - Liwa Oasis	-	-	54.4	49.5
Regional background / Industrial - Habshan	50.9	45.7	55.6	54.5

Source: Environment Agency - Abu Dhabi.
Ambient Air quality preliminary data for 2019

6.2.15 Sulphur Dioxide Emissions - Water and Electricity Production Sector

(Tons)

Source	2016	2017	2018	2019
Total	1,885	1,279	1,246	1,138
Arabian Power Company	412	340	329	291
Shuweiha CMS International Power Company	243	236	251	276
Emirates CMS Power Company	27	50	43	37
Gulf Total Tractebel Power Company	28	28	28	29
Taweelah Asia Power Company	624	337	349	313
Al Mirfa Power and Distillation Plant	0	15	13	5
Ruwais Power Company	146	189	163	134
Shuweiha Asia Power Company	405	85	69	54

Source: Department of Energy - Abu Dhabi

6.2.16 Nitrogen Oxides Emissions - Water and Electricity Production Sector

(Tons)

Source	2016	2017	2018	2019
Total	16,544	15,303	14,023	12,897
Arabian Power Company	4,300	3,739	2,686	1,807
Shuweiha CMS International Power Company	2,936	3,174	2,818	2,699
Emirates CMS Power Company	466	486	544	568
Gulf total Tractebel Power Company	2,293	2,153	2,346	2,207
Taweelah Asia Power Company	3,383	2,744	2,732	2,692
Al Mirfa Power and Distillation Plant	-	17	43	113
Ruwais Power Company	2,064	1,881	1,833	1,884
Shuweiha Asia Power Company	1,102	1,109	1,021	926

Source: Department of Energy - Abu Dhabi

6.2.17 Volatile Organic Compounds Emissions - Water and Electricity Production Sector

(Tons)

Source	2016	2017	2018	2019
Total	258.8	260.2	257.6	267.25
Gulf Total Tractebel Power Company	258.8	260.2	257.6	267.25
Al Mirfa Power and Distillation Plant	-	-	-	-

Source: Department of Energy - Abu Dhabi

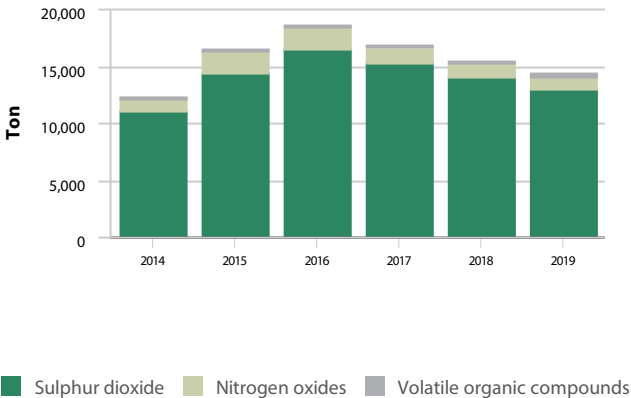
6.2.18 Air Pollutant Total Emissions - Water and Electricity Production Sector

(Tons)

Pollutant	2016	2017	2018	2019
Total	18,686	16,842	15,527	14,302
Sulphur dioxide (SO)	1,885	1,279	1,246	1,138
Nitrogen oxides (NOx)	16,543	15,303	14,023	12,897
Volatile organic compounds (VOC)	259	260	258	267

Source: Department of Energy - Abu Dhabi

Figure 6.2.5 Air Pollutant Total Emissions - Water and Electricity Production Sector



6.2.19 Carbon Dioxide Emissions - Water and Electricity Production Sector

(Million tons)

Source	2016	2017	2018	2019
Total	36.3	37.6	37.4	36.3
Arabian Power Company	8.0	7.9	6.7	5.5
Shuweihat CMS International Power Company	5.0	4.6	4.6	5.2
Emirates CMS Power Company	2.6	2.7	2.8	2.7
Gulf Total Tractebel Power Company	6.0	5.7	5.7	5.9
Taweelah Asia Power Company	7.2	7.0	7.2	6.9
Al Mirfa Power and Distillation Plant	0	1.6	2.4	2.7
Ruwais Power Company	5.1	5.3	5.0	5.0
Shuweihat Asia Power Company	2.4	2.9	3.0	2.3

Source: Department of Energy - Abu Dhabi

* Historical data modified from the source

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 2019 while Al Dhafra came last in this regard, producing only 4% of the total.

6.2.20 Total Non-Conventional Water Resources by Type

(Million cubic metre)

Type	2016	2017	2018	2019
Total	1,281	1,276	1,252	1,266
Desalinated water consumption	1,115	1,101	1,082	1,078
Treated wastewater reuse	166.5	174.4	169.6	188.0

Source: Statistics Centre - Abu Dhabi.

6.2.21 Quantity of inflow Wastewater by Region

(Million cubic metre)

Region	2016	2017	2018	2019
Total	335.6	319.6	311.6	312.2
Abu Dhabi Region	254.1	242.6	237.7	237.6
Al Ain Region	67.7	64.4	62.8	63.7
Al Dhafra Region	13.8	12.6	11.1	10.9

Source: Abu Dhabi Sewerage Services Company.

6.2.22 Quantity of Treated Wastewater by Region

(Million cubic metre)

Region	2016	2017	2018	2019
Total	325.9	310.7	300.1	300.9
Abu Dhabi Region	247.1	236	228.9	229.1
Al Ain Region	65.3	62.3	60.1	61.3
Al Dhafra Region	13.5	12.4	11.1	10.6

Source: Abu Dhabi Sewerage Services Company.

6.2.23 Quantity of treated wastewater reuse by region

(Million cubic metre)

Region	2016	2017	2018	2019
Total	166.5	174.4	169.6	188.2
Abu Dhabi Region	91.1	101.8	99.7	117.2
Al Ain Region	63.7	61.3	59.4	60.6
Al Dhafra Region	11.7	11.3	10.5	10.5

Source: Abu Dhabi Sewerage Services Company.

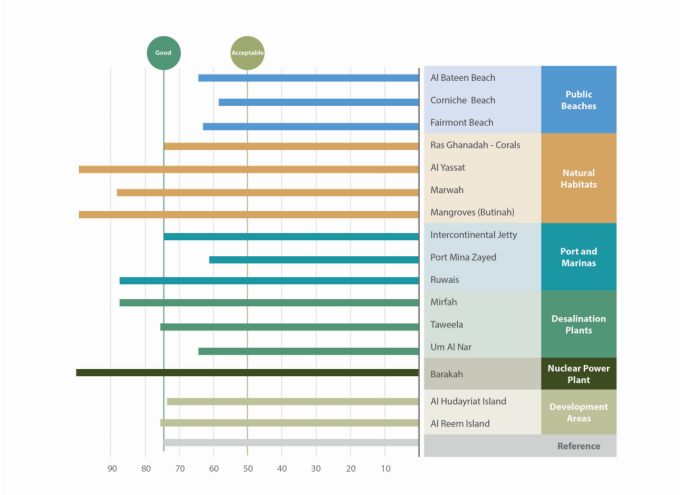
6.2.24 Total Wastewater Treatment Plants Capacity by Region

(Million cubic metre)

Region	2016	2017	2018	2019
Total	474.7	473.2	473.7	476.5
Abu Dhabi Region	370.6	369.4	369.9	369.9
Al Ain Region	82.4	82.2	82.2	84.6
Al Dhafra Region	21.7	21.6	21.6	21.9

Source: Abu Dhabi Sewerage Services Company.

Figure 6.2.6 Eutrophication Index of Abu Dhabi marine water quality 2019



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 2019 a total of 10.9 million tons of waste were in the Emirate of Abu Dhabi, at a rate of 30 thousand tons per day. Industrial and commercial waste generated had the highest percentage of waste with 37% from total waste generated in the Emirate of Abu Dhabi, followed by construction and demolition waste with a percentage of 34%. In 2019 Total Non - Hazardous solid waste recycled reach 35.5% from total non hazardous waste generated.

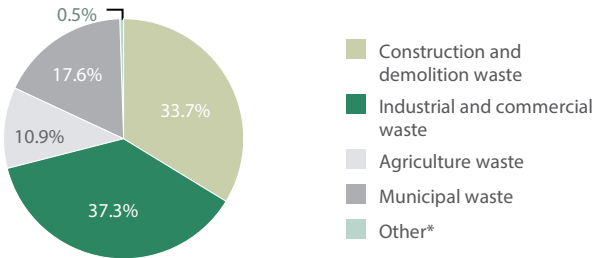
6.2.25 Non-Hazardous Solid Waste Generation by Region and Source Activity

(Tons)

Source	2016	2017	2018	2019
Total	9,598,969	9,477,037	9,803,432	10,979,476
Daily average	26,227	25,964	26,859	30,080.76
Construction and demolition waste	4,532,379	3,959,319	3,102,631	3,703,033
Industrial and commercial waste	2,692,768	3,169,212	3,543,264	4,094,397
Agriculture waste	745,644	933,505	1,310,721	1,198,789
Municipal waste	1,561,680	1,372,140	1,793,541	1,927,065
Other*	66,499	42,861	53,274	56,192

Source: Statistics Centre - Abu Dhabi

Figure 6.2.7 Percentage Distribution of Non-Hazardous Solid Waste Generation by Region, 2019



6.2.26 Non - Hazardous solid waste by method of disposal

(Tons)

Source	2016	2017	2018	2019
Total	9,598,969	9,477,037	9,803,432	10,979,476
Recycling	2,854,149	2,687,932	3,329,498	3,894,334
Incineration	9,824	7,514	7,003	21,629
Composting	228,126	209,188	110,351	21,539
Landfill	181,555	561,940	906,164	866,471
Dumpsite and other	6,325,315	6,010,463	5,450,416	6,187,981

Source: Statistics Centre - Abu Dhabi

Biodiversity

Abu Dhabi has been keen to conserve biodiversity and rescue endangered species through policies and improved environmental protection practices. The total area of declared and proposed as protected area is 18,240 square kilometers. The largest marine protected area in the Emirate of Abu Dhabi reached 4255 square kilometers, which is the Marwah Reserve, and an area of about 5975 square kilometers was designated as a protected area for the Arabian Oryx to protect it from the danger of extinction.

6.2.27 Total known and threatened species ,2019

Class	Total number of known species	Total number of threatened species
Fishes	456	13
Birds(b)	427	15
Reptiles(b)	57	7
Amphibians	2	0
Mammals(b)	49	6
Total	991	41
Arthropods (terrestrial)	2550	
Vascular plants (b)	436	9

Source: Environment Agency - Abu Dhabi, Statistics Center - Abu Dhabi.

(a) Include species classified under global and/or local red list threatened criteria. (b) Includes terrestrial and marine species.

6.2.28 Officially declared and proposed protected areas in Abu Dhabi Emirate by type

Name	Type	Proclamation year	Location	Total area (km)
Marawah Marine Biosphere Reserve	Marine	2001	Al Dhafra	4,255
Yasat MPA	Marine	2009	Al Dhafra	2,256
Bul Syayeef MPA	Marine	2007	Abu Dhabi District	145
Ras Ghanada MPA	Marine	2014	Abu Dhabi District	55
Saadiyat Marine National Park	Marine	2014	Abu Dhabi District	59
Mangrove National Park	Marine	2014	Abu Dhabi District	10
Al Wathba Wetland Reserve (TPA)	Terrestrial	2014	Abu Dhabi District	5
Jabal Hafit	Terrestrial	2014	Al Ain	81
Al Beda'a	Terrestrial	2014	Al Dhafra	417
Al Delfaowyah	Terrestrial	2014	Al Dhafra	186
Al Tawi	Terrestrial	2014	Al Dhafra	-
Bida' Hazza'	Terrestrial	2014	Al Dhafra	77
Barqa Al Soqour	Terrestrial	2014	Al Dhafra	79
Yaou Al Debsa	Terrestrial	2014	Al Dhafra	212
Al Ramlah	Terrestrial	2014	Al Dhafra	544
Arabian Oryx PA	Terrestrial	2014	Al Dhafra	5,975
Houbara PA (Baynona)	Terrestrial	2014	Al Dhafra	2,492
Qaser Al Sarab PA	Terrestrial	2014	Al Dhafra	304
Al Ghada (Al Marzoum)	Terrestrial	2014	Al Dhafra	1,088
Total				18,240

Source: Environment Agency - Abu Dhabi, Statistics Center - Abu Dhabi.

6.3. Energy and Water

Oil and Gas

Statistical data on the production and use of crude oil and natural gas, in addition to data on production and domestic sales of refined petroleum products, are provided in this section. It reflects the success accomplished by the Emirate of Abu Dhabi in achieving a distinctive and prominent position worldwide in the field of oil and gas. The Emirate of Abu Dhabi is one of the world's major producers of oil, which was first discovered in the Emirate in 1958. The Government has adopted a long-term plan aimed at diversifying the economic base and increasing the contribution of non-oil activities to economic growth in the Emirate. Such diversification is regarded as essential for the balanced and sustainable future growth of the economy of Abu Dhabi.

The Emirate's annual production of crude oil was 1,116,109 thousand barrels in 2019, a increase of 1.7% compared with 2018, While natural gas production reached 2,824,232 million cubic feet in 2019. The annual production of refined petroleum products totaled 41,190 thousand metric tons in 2019.

6.3.1 Production and External Sales of Crude Oil

(Thousand Barrels)

Item	2016	2017	2018	2019
Production				
Volume	1,104,827	1,081,743	1,097,616	1,116,109
Daily average	3,019	2,964	3,007	3,058
External sales				
Volume	885,474	876,260	838,223	881,172
Daily average	2,419	2,401	2,297	2,414

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

Note: Production excludes condensates

Note: External sales include external sales to other emirates and outside the UAE

6.3.2 Natural Gas Production

(Million cubic feet)

Item	2016	2017	2018	2019
Production				
Annual production	2,727,711	3,096,178	2,987,621	2,824,432
Daily production	7,453	8,483	8,185	7,738

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

6.3.3 Production and Export of Gas Products

(Thousand Metric Tons)

Type of Products	2018		2019	
	Production	Export	Production	Export
Total	25,947	25,232	28,321	27,738
LNG	5,601	5,418	5,937	5,888
Propane	5,198	5,159	5,919	5,327
Butane	4,689	4,498	5,185	4,408
Pentane (plus)	3,663	3,547	4,168	4,512
Others (sulpher)	6,797	6,610	7,112	7,603

Source: Abu Dhabi National Oil Company - ADNOC

Note: Excluding condensates

6.3.4 Production and Sales of Refined Petroleum Products

(Thousand Metric Tons)

	2016	2017	2018	2019
Production				
Quantity	40,723	40,852	43,368	41,190
Daily Average	111.3	111.9	118.82	112.8
Sales within the State				
Quantity	16,409	13,385	9,213	9,358
Daily average	44.8	36.7	25.2	25.6
Exports				
Quantity	23,204	24,674	34,822	32,816
Daily average	63.4	67.6	95.4	89.9

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

Note: 2018 Data were updated by the source

6.3.5 Production of Refined Petroleum Products

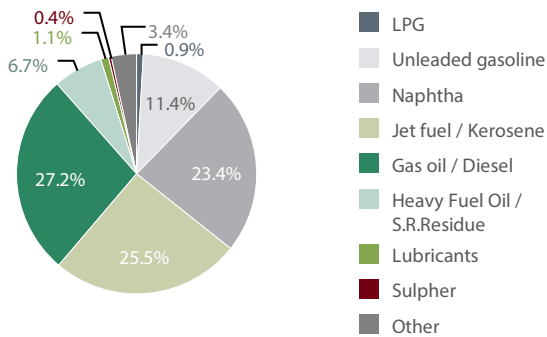
(Thousand Metric Tons)

Type of Product	2016	2017	2018	2019
Total	40,723	40,852	43,368	41,190
LPG	785	740	560	372
Unleaded gasoline	4,678	2,597	2,510	4,683
Naphtha	9,609	9,245	9,843	9,644
Jet fuel / Kerosene	11,044	10,474	11,394	10,521
Gas oil / Diesel	9,517	9,163	9,784	11,221
Heavy Fuel Oil / S.R.Residue	4,732	8,313	8,103	2,753
Lubricants	234	230	453	440
Sulpher	124	90	97	151
Other	-	-	624	1,405

Source: Abu Dhabi National Oil Company - ADNOC

Note: 2018 Data were updated by the source

Figure 6.3.1 Percentage Production of Refined Petroleum Products, 2019 (%)



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

6.3.6 Sales within State of Refined Petroleum Products

(Thousand Metric Tons)

Type of Product	2018		2019	
	Abu Dhabi Emirate	Other Emirates	Abu Dhabi Emirate	Other Emirates
Total	6,761	2,452	6,522	2,836
LPG	237	14	-	-
Unleaded gasoline	2,523	1,885	2,556	1,807
Jet fuel / Kerosene	2,335	-	2,352	489
Gas oil / Diesel	1,636	405	1,586	471
Heavy fuel Oil / S.R.Residue	-	97	-	-
Lubricants	30	52	28	70

Source: Abu Dhabi National Oil Company - ADNOC

6.3.7 Export of Refined Petroleum Products

(Thousand Metric Ton)

Type of Product	2016	2017	2018	2019
Total	23,204	24,674	34,822	32,816
LPG	1,126	-	-	-
Unleaded Gasoline	10	12	9	174
Naphtha	9,658	9,214	9,853	9,569
Jet fuel / Kerosene	6,155	5,992	8,476	7,859
Gas oil / Diesel	4,606	4,715	7,935	9,373
Heavy fuel Oil / S.R.Residue	1,497	4,371	8,186	2,779
Lubricants	152	370	363	361
Other	-	-	-	2,701

Source: Abu Dhabi National Oil Company - ADNOC

Electricity and Water

This section contains statistics on electricity and desalinated water, including: production, consumption, production capacity, the amount of fuel used in production and the transmission networks in the Abu Dhabi, Al Ain and Al Dhafra regions.

The electricity and water activity performs a key role in Abu Dhabi's ambitious economic growth and development plans. Electricity and water activities provide the services that are essential to support the economic and social development of the Emirate. As a result of the growing demand and urban and industrial development witnessed by the Emirate, electricity production in 2018 increased by 0.3% compared with 2017, reaching 72,830 GWH. The Desalinated water available in the Emirate of Abu Dhabi totaled 235,020 million imperial gallons in 2019.

6.3.8 Electrical Power Statistics

(MWH)

Item	2016	2017	2018	2019*
Total electricity production by companies	68,183,363	71,504,164	72,585,807	72,830,075
Electricity transferred from Emal & Takreer	-	-	204,700	475,113
Total	68,183,363	71,504,164	72,790,507	73,305,188
Electricity exports from the Emirate of Abu Dhabi	8,897,222	11,345,459	11,983,242	10,623,579
Electricity demand in the Emirate of Abu Dhabi**	59,286,141	60,158,705	60,807,264	62,681,608
Electricity generation capacity (MW)	12,245	13,647	13,647	13,726

Source: Department of Energy

* Preliminary estimates

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

6.3.9 Demand of Electricity by Region

(MWH)

Region	2016	2017	2018	2019*
Total*	59,286,141	60,158,705	60,750,923	62,681,608
Abu Dhabi Region	34,760,574	35,768,512	36,563,133	37,516,215
Al Ain Region	10,733,791	11,107,187	11,125,417	11,141,566
Al Dhafra Region	13,791,776	13,283,006	13,062,373	14,023,827

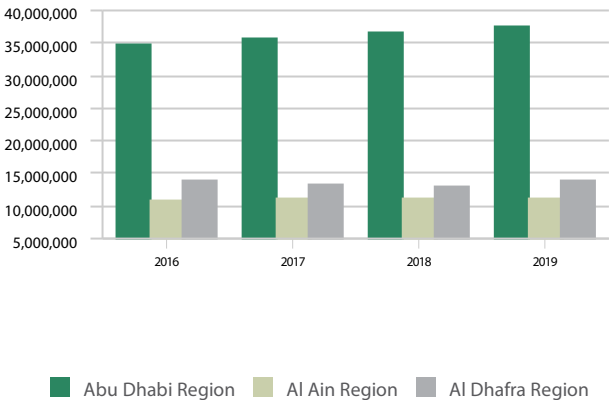
Source: Department of Energy

* Preliminary estimates

Note: Data were updated by the source

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

Figure 6.3.2 Demand of Electricity by Region (MWH)



Source: Department of Energy

2019 data is preliminary estimates

6.3.10 Percentage of Electricity Consumption by Sector

(%)

Sector	2016	2017	2018	2019*
Total	100.0	100.0	100.0	100.0
Domestic	25.7	26.8	24.4	24.2
Commercial	52.1	48.2	49.3	39.4
Government	6.6	8.1	7.9	5.7
Agriculture	5.7	5.7	6.0	5.8
Industry	9.8	11.2	12.3	24.7
Other	0.1	0.1	0.1	0.1

Source: Department of Energy, Statistics Centre-Abu Dhabi

* Preliminary estimates

6.3.11 Percentage of the Electricity Consumption by Region and Sector, 2019

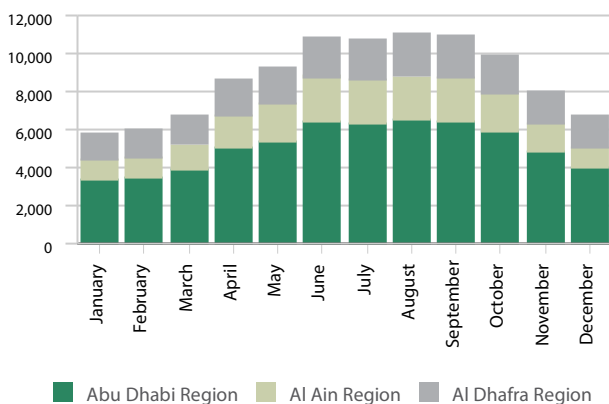
(%)

Sector	Abu Dhabi	Al Ain	Al Dhafra	Total
Domestic	62.5	32.4	5.1	100.0
Commercial	71.6	12.7	15.7	100.0
Government	79.7	26.5	-6.2	100.0
Agriculture	12.7	65.5	21.8	100.0
Industry	46.7	5.0	48.3	100.0
Other	75.5	18.4	6.1	100.0

Source: Department of Energy, Statistics Centre-Abu Dhabi

Preliminary estimates

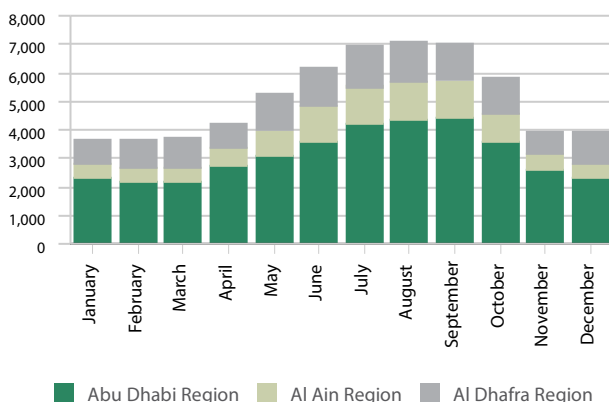
Figure 6.3.3 Peak Monthly Demand by Region (MW), 2019



Source: Department of Energy

Preliminary estimates

Figure 6.3.4 Minimum Monthly Demand by Region (MW), 2019



Source: Department of Energy
Preliminary estimates

6.3.12 Fuel Consumption of the Electricity and Water Activity

(Billion BTU)

Item	2016	2017	2018	2019
Total	685,570	709,553	702,384	670,222
Natural gas	685,345	707,571	702,179	670,056
Crude oil	110	0	0	0
Gas oil	115	1,982	206	165
Fuel oil	0	0	0	0

Source: Department of Energy
Note: Data were updated by the source
* Preliminary estimates

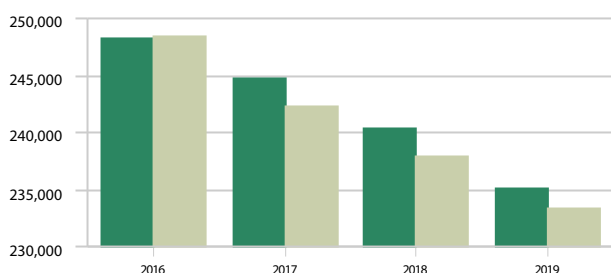
6.3.13 Production, Supply and Planned Capacity of Desalinated Water

(Million Imperial Gallons)

Item	2016	2017	2018	2019
Total of available desalinated water	248,303	244,664	240,301	235,020
Production	195,060	196,848	193,466	189,660
Import from Al - Fujairah station	53,243	47,815	46,835	45,360
Annual desalinated water Supply	248,378	242,259	237,982	233,295
Daily desalinated water Supply	680	664	652	639
Desalinated water capacity (MG/D)	645	697	697	647

Source: Department of Energy, Statistics Centre - Abu Dhabi
Note: Annual desalinated water supply data has been updated by the source
* Preliminary estimates

Figure 6.3.5 Annual supply and Available Desalinated Water (Million Imperial Gallons)



■ Total of available desalinated water ■ Annual desalinated water Supply

Source: Department of Energy
2019 data is preliminary estimates

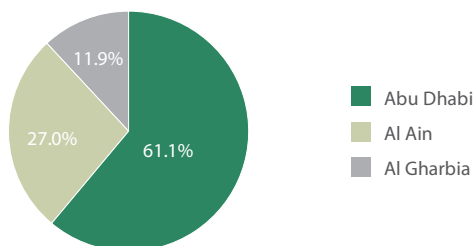
6.3.14 Desalinated water Supply by Region

(Million Imperial Gallons)

Region	2016	2017	2018	2019*
Total*	248,378	242,259	237,982	233,295
Abu Dhabi Region	150,284	148,627	147,669	142,480
Al Ain Region	66,026	64,120	63,854	63,013
Al Dhafra Region	32,067	29,512	26,459	27,801

Source: Department of Energy
Note: Data has been updated by the source
* Preliminary estimates

Figure 6.3.6 Percentage Desalinated water Supply by Region, 2019 (%)



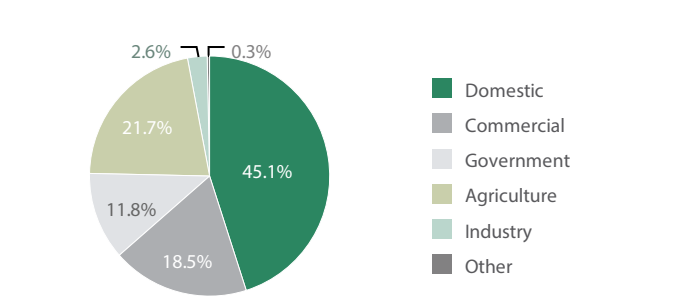
Source: Department of Energy, Statistics Centre - Abu Dhabi
Preliminary estimates

6.3.15 Percentage of Desalinated Water Consumption by Sector
(%)

Sector	2016	2017	2018	2019*
Total	100.0	100.0	100.0	100.0
Domestic	42.7	46.8	43.6	45.1
Commercial	22.9	20.3	19.7	18.5
Government	12.0	11.3	12.8	11.8
Agriculture	19.7	19.0	21.1	21.7
Industry	2.6	2.3	2.4	2.6
Other	0.1	0.3	0.4	0.3

Source: Department of Energy, Statistics Centre - Abu Dhabi
* Preliminary estimates

Figure 6.3.7 Percentage Consumption of Desalinated Water by Sector, 2019
(%)



Source: Department of Energy, Statistics Centre - Abu Dhabi
Preliminary estimates

6.3.16 Percentage of Desalinated Water Consumption by Region and Sector, 2019

(%)

Sector	Abu Dhabi Region	Al Ain Region	Al Dhafra Region	Total
Domestic	63.0	22.6	14.4	100.0
Commercial	70.5	16.8	12.7	100.0
Government	65.5	15.2	19.3	100.0
Agriculture	46.5	50.2	3.3	100.0
Industry	75.6	19.6	4.8	100.0
Other	11.9	82.4	5.7	100.0

Source: Department of Energy, Statistics Centre - Abu Dhabi
Preliminary estimates

6.3.17 Water and Electricity Transmission Networks by Region, 2019

(Km)

Region	Abu Dhabi Region	Al Ain Region	Al Dhafra Region
Length of electricity transmission lines	2,662	1,239	4,101
Length of water transmission pipelines	867	1,079	901

Source: Department of Energy
Preliminary estimates

Renewable Energy

In the context of its efforts to diversify energy sources in Abu Dhabi, the Government of Abu Dhabi Emirate is paying special attention to renewable energy. One of the emirate's Government initiatives in this regard is MASDAR Company, which plays a vital role in promoting the Emirate's leading position in the field of energy beyond the use of oil and gas, simulating the international efforts in decreasing carbon dioxide release that causes Global Warming, thus supporting the process of economic diversification and the development of human resources. The annual production of renewable energy reached 2,163,799 MWH in 2019.

6.3.18 Renewable energy statistics

(MWH)

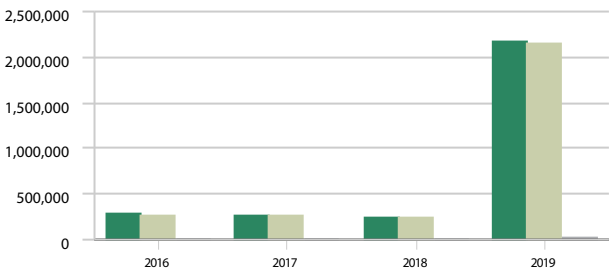
Item	2016	2017	2018	2019*
Electricity Generation	277,361	273,367	250,390	2,163,799
Export of Electricity	257,681	252,974	232,212	2,146,062
Import of Electricity	10,303	10,539	10,329	16,594
Electricity planned capacity (MW)	110	110	110	1,045

Source: Department of Energy

* Preliminary estimates

The source was changed from Abu Dhabi Future Energy Company (Masdar) to Department of Energy, the electricity generation included three solar power stations, which are Shams, Masdar and Sweihan. Sweihan solar power station started in 2019.

Figure 6.3.8 Renewable energy statistics(MWH)



Electricity Generation Export of Electricity Import of Electricity

Source: Department of Energy

2019 data is preliminary estimates