



مركز الإحصاء  
STATISTICS CENTRE

# Statistical Yearbook

## of Abu Dhabi 2013





His Highness Sheikh

**Khalifa bin Zayed Al Nahyan**

President of the United Arab Emirates





His Highness Sheikh

**Mohammad bin Zayed Al Nahyan**

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



## Foreword

The Statistics Centre - Abu Dhabi (SCAD) is pleased to present the Abu Dhabi Statistical Yearbook – 2013 to decision-makers, policy planners, the businesses community, researchers and all users of statistical data. SCAD's new yearbook closely monitors a whole spectrum of indicators that gauge the comprehensive development taking place across the Emirate under the wise leadership of HH Sheikh Khalifa bin Zayed Al Nahyan, President of the United Arab Emirates and Ruler of Abu Dhabi, and the sustained support and guidance of HH General Sheikh Mohammed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi, Deputy Supreme Commander of the Armed Forces and Chairman of the Executive Council of the Emirate of Abu Dhabi.

The 2013 issue Abu Dhabi Statistical Yearbook presents circa 750 statistical indicators, up from only 200 indicators upon the commencement of SCAD's operations in 2009. The book offers a great deal of additional data and new tables, reflecting the Centre's efforts to bring about a qualitative shift in the coverage, accuracy and presentation of data, to facilitate the analysis of their implications for future plans and strategies.

The publication of Abu Dhabi Statistical Yearbook 2013 translates the SCAD's belief in the importance of timely access to statistical data in decision support and policy making at all public and private levels. This latest issue of the book reviews a wide range of development indicators for the period 2005 - 2012, highlighting the major transformations experienced by the emirate in all spheres, including the economy, business and industry, population and demography, society, labour force, agriculture and the environment, etc.

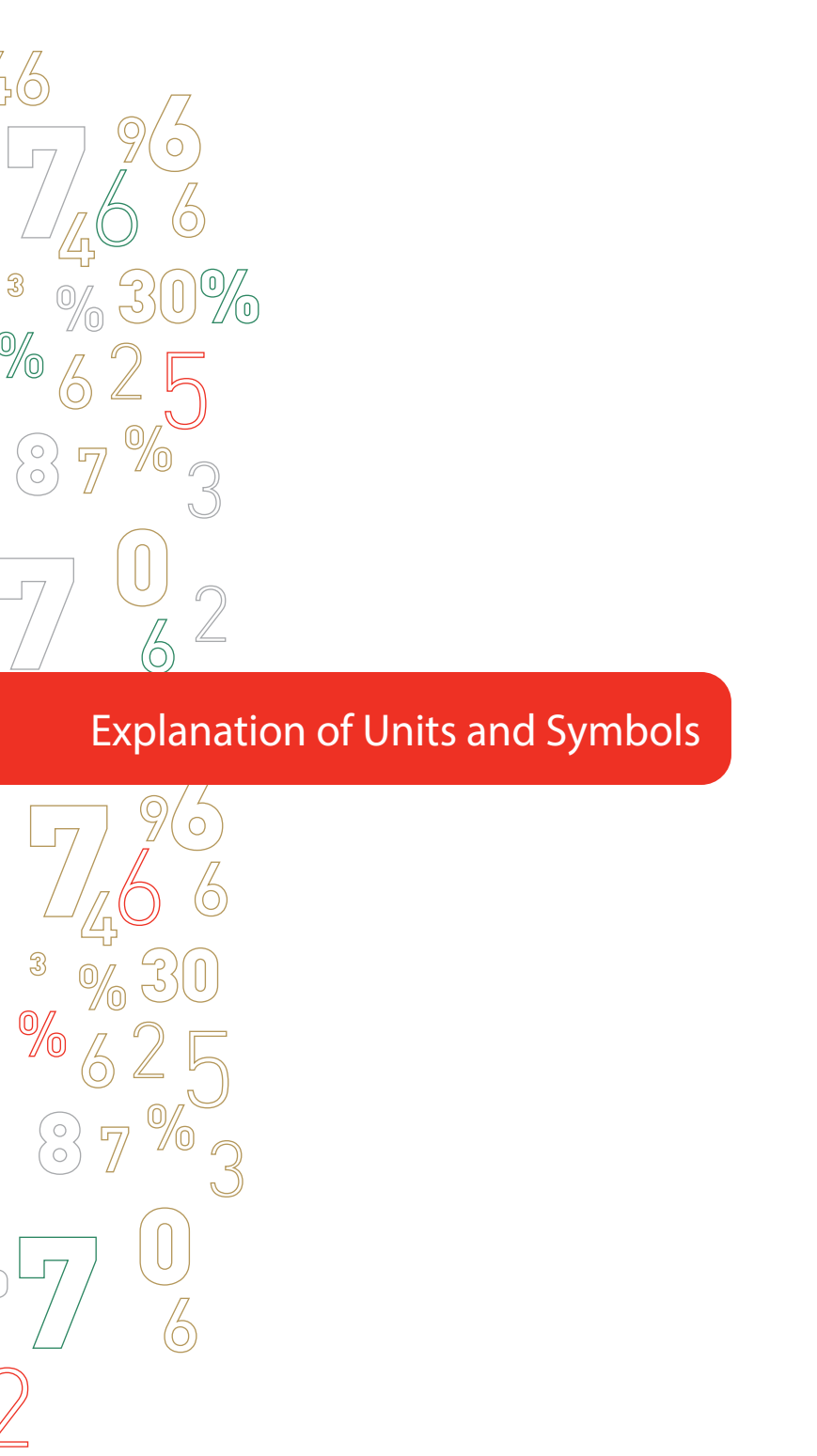
It remains to be noted that despite the thorough efforts made by SCAD in collecting data, conducting surveys and compiling various indicators for this statistical abstract, the credit for the widespread interest in this release among broad segments of society goes also to the collaboration of our strategic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

As we present this new issue of SCAD's Statistical Yearbook, we look forward to your remarks and suggestions, regarding the quality, coverage, analysis and presentation of its contents, hoping that the SYB 2013 will meet the needs of decision makers and all users interested in statistical figures pertaining to the Emirate of Abu Dhabi.



Butti Ahmed Mohammed Bin Butti Al Qubaisi  
Director General

September 2013



# Explanation of Units and Symbols



na , -	= figure not available
0 (0.0)	= less than half of unit concerned
blank	= not applicable
c <sup>0</sup>	= Degree Celsius
GDP	= Gross Domestic Product
No.	= number
mm	= millimetre
kg	= kilogram
km	= kilometre
kwh	= kilowatt per hour
mwh	= megawatt per hour
BTU	= British thermal unit
'000	= in thousands
AED	= UAE dirham
FDI	= Foreign Direct Investment
GCC	= Gulf Cooperation Council
CPI	= Consumer Price Index
MCM	= Million Cubic Metres
LNG	= Liquefied Natural Gas
Sq.	= Square
hPA	= Hectopascal
mph	= Miles per hour
h	= Hour
mcg	= Microgram
Donum	= one thousand square meters

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



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## 1. Economy

- Economic Aggregates
- Foreign Trade
- Prices
- Financial Statistics
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- Wages and Compensation
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# 01. Economy

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 production requirements. It is also defined as the total value added to the economy by resident producers during the Year. The growth rate during a certain period of time measures the change in the size of the economy during this period.

Identifying a long term economic vision, with specific targets, supports efficient economic policy, decision-making and comparisons. This serves the interest of the country and welfare of the community. The contribution of activities and sectors to the economic development of the Emirate of Abu Dhabi can be identified from the statistical indicators that are presented in this chapter of the statistical Yearbook.

The following tables and graphs describes the performance of all economic activities in the Emirate. Data and indicators contained in this chapter shows the growth and stability achieved by Abu Dhabi's economy during the previous Years. Data on the national accounts such as Gross Domestic Product by economic activity at current and constant prices, growth rates, contribution of economic activities to GDP and per capita gross domestic product are provided.

Capital formation by economic activities, compensation of employees at current prices and financial data of Abu Dhabi Government, as well as other data of economic interest are also included in this chapter.

2012	GDP at Current Prices (Million AED)	911,591
	GDP at 2007 Constant Prices (Million AED)	678,049
	GDP at Current Prices Growth Rate (%)	7.7%
	GDP at 2007 Constant Prices Growth Rate (%)	5.6%
	Oil Share in GDP at Current Prices (%)	56.5%
	GDP Per Capita at Current Prices (Thousand AED)	390.5
	GDP Per Capita at 2007 Constant Prices (Thousand AED)	290.4
	Gross Fixed Capital Formation (Million AED)	172,707
	Foreign Direct Investment (Million AED), 2011	52,232
	Oil, Gas and Oil Products Exports of the Emirate of Abu Dhabi (Million AED)	451,455
	Non-oil Exports of the Emirate of Abu Dhabi (Million AED)	15,412
	Re-exports through the Ports of the Emirate of Abu Dhabi (Million AED)	14,745
	Imports of the Emirate of Abu Dhabi (Million AED)	118,972
	Inflation Rate (%)	1.1%

## **1.1. Economic Aggregates**

This section presents aggregate and detailed statistics on some macroeconomic variables, by the International Standard Industrial Classification of all economic activities, fourth revision (ISIC 4). It includes data on GDP by economic activity at current and constant prices, in addition to the annual growth rates, the relative distribution of GDP by economic activity, fixed capital formation by economic activity and other data related to the Emirate's economy.

The Abu Dhabi GDP estimates in 2012 amounted to AED 911,591 million at current prices, compared with AED 846,684 million at current prices in 2011. This represents an annual growth rate of 7.7% in 2012 and 32.3% in 2011, which confirms the strength and resilience of the Emirate's economy.

Accordingly, the annual per capita gross domestic product amounted to AED 390.5 thousand in 2012. The total fixed capital formation was AED 172,707 million in 2012, while compensation of employees amounted to AED 164,128 million in the same Year.

GDP in constant prices shows how much goods and services were produced in volume terms and is measured by holding prices constant. GDP in constant prices increased by 5.6% in 2012 following an increase of 9.3% in 2011. The main activities contributing to economic growth in 2012 were "Mining and quarrying" (including crude oil and natural gas), "Manufacturing" and "Real estate" with increases of 3.8%, 9.7% and 16.7% respectively.

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

(Million AED)

Economic Activity	2005	2010	2011	2012*
<b>Total</b>	<b>383,430</b>	<b>639,952</b>	<b>846,684</b>	<b>911,591</b>
Agriculture, forestry and fishing	4,600	4,556	5,136	5,316
Mining and quarrying (includes crude oil and natural gas)	215,455	317,237	484,737	514,847
Manufacturing	28,584	35,813	47,967	53,359
Electricity, gas, and water supply; waste management	8,716	16,536	18,996	20,905
Construction	26,321	82,781	83,516	87,692
Wholesale and retail trade; repair of motor vehicles and motorcycles	19,613	28,524	28,086	32,153
Transportation and storage	8,696	21,236	29,238	33,156
Accommodation and food services	3,602	7,548	8,477	9,451
Information and communication	15,262	19,038	19,337	19,822
Financial and insurance	17,988	29,332	32,885	34,735
Real estate	10,361	27,555	34,693	39,897
Professional, scientific and technical	10,252	18,032	19,160	22,001
Administrative and support services	5,858	7,935	9,643	11,076
Public administration and defence; compulsory social security	10,324	30,662	33,506	34,846
Education	5,225	6,986	9,058	10,416
Human health and social work	1,500	3,670	5,644	6,260
Arts, recreation and other services	1,598	3,414	2,483	2,684
Activities of households as employers	913	1,572	1,787	2,019
Imputed bank services	-11,436	-22,475	-27,665	-29,043

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates



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

(Million AED)

Economic Activity	2005	2010	2011	2012*
<b>Total</b>	<b>491,664</b>	<b>587,107</b>	<b>641,831</b>	<b>678,049</b>
Agriculture, forestry and fishing	4,689	4,488	5,006	5,196
Mining and quarrying (includes crude oil and natural gas)	291,455	303,891	339,575	352,616
Manufacturing	35,316	32,075	37,830	41,483
Electricity, gas, and water supply; waste management	10,494	15,403	16,798	18,076
Construction	35,129	83,263	83,759	87,096
Wholesale and retail trade; repair of motor vehicles and motorcycles	21,602	23,826	23,315	25,235
Transportation and storage	9,974	16,675	18,739	20,916
Accommodation and food services	3,811	5,824	7,314	7,914
Information and communication	16,995	19,173	18,808	19,224
Financial and insurance	21,439	25,742	27,462	28,491
Real estate	13,828	21,783	27,384	31,969
Professional, scientific and technical	12,284	15,115	15,761	17,955
Administrative and support services	7,019	6,651	7,932	9,037
Public administration and defence; compulsory social security	11,047	19,248	20,738	21,384
Education	5,690	6,926	7,287	7,385
Human health and social work	1,576	2,396	3,612	3,986
Arts, recreation and other services	1,853	3,037	2,146	2,267
Activities of households as employers	1,093	1,318	1,470	1,642
Imputed bank services	-13,630	-19,724	-23,102	-23,823

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

### 1.1.3. GDP Per Capita at Current Prices

Item	2005	2010	2011	2012*
GDP (Million AED)	383,430	639,952	846,684	911,591
Oil GDP (Million AED)	215,455	317,237	484,737	514,847
Non-oil GDP (Million AED)	167,975	322,715	361,947	396,744
GDP per capita (Thousand AED)	279.0	325.2	391.7	390.5
Oil GDP per capita (Thousand AED)	156.8	161.2	224.2	220.5
Non-oil GDP per capita (Thousand AED)	122.2	164.0	167.4	169.9
GDP per capita annual growth (%)	26.1	11.0	20.4	-0.3
Oil GDP per capita annual growth (%)	39.7	23.2	39.1	-1.7
Non-oil GDP per capita annual growth (%)	12.1	1.1	2.1	1.5

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

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

Item	2005	2010	2011	2012*
GDP (Million AED)	491,664	587,107	641,831	678,049
Oil GDP (Million AED)	291,455	303,891	339,575	352,616
Non-oil GDP (Million AED)	200,209	283,217	302,256	325,433
GDP per capita (Thousand AED)	357.8	298.4	296.9	290.4
Oil GDP per capita (Thousand AED)	212.1	154.4	157.1	151.0
Non-oil GDP per capita (Thousand AED)	145.7	143.9	139.8	139.4
GDP per capita annual growth (%)	-	-1.2	-0.5	-2.2
Oil GDP per capita annual growth (%)	-	-0.9	1.7	-3.9
Non-oil GDP per capita annual growth (%)	-	-1.5	-2.9	-0.3

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

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

Economic Activity	2005	2010	2011	2012*
<b>Total</b>	<b>31.7</b>	<b>19.5</b>	<b>32.3</b>	<b>7.7</b>
Agriculture, forestry and fishing	-2.6	-3.0	12.7	3.5
Mining and quarrying (includes crude oil and natural gas)	45.9	32.7	52.8	6.2
Manufacturing	23.1	19.4	33.9	11.2
Electricity, gas, and water supply; waste management	31.4	12.7	14.9	10.1
Construction	25.6	4.4	0.9	5.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	12.5	1.6	-1.5	14.5
Transportation and storage	9.5	37.9	37.7	13.4
Accommodation and food services	21.8	20.1	12.3	11.5
Information and communication	23.6	-20.7	1.6	2.5
Financial and insurance	17.6	-2.7	12.1	5.6
Real estate	12.3	15.6	25.9	15.0
Professional, scientific and technical	24.7	3.7	6.3	14.8
Administrative and support services	18.5	-18.2	21.5	14.9
Public administration and defence; compulsory social security	2.8	49.1	9.3	4.0
Education	10.2	-6.8	29.7	15.0
Human health and social work	-21.3	-1.4	53.8	10.9
Arts, recreation and other services	46.9	65.1	-27.3	8.1
Activities of households as employers	3.7	4.6	13.7	13.0
Imputed bank services	25.8	-0.4	23.1	5.0

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	2011	2012*
<b>Total</b>	<b>6.5</b>	<b>9.3</b>	<b>5.6</b>
Agriculture, forestry and fishing	-1.8	11.5	3.8
Mining and quarrying (includes crude oil and natural gas)	6.8	11.7	3.8
Manufacturing	6.3	17.9	9.7
Electricity, gas, and water supply; waste management	4.5	9.1	7.6
Construction	9.7	0.6	4.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.3	-2.1	8.2
Transportation and storage	21.5	12.4	11.6
Accommodation and food services	24.6	25.6	8.2
Information and communication	-19.3	-1.9	2.2
Financial and insurance	-5.2	6.7	3.8
Real estate	8.7	25.7	16.7
Professional, scientific and technical	0.7	4.3	13.9
Administrative and support services	-20.6	19.3	13.9
Public administration and defence; compulsory social security	45.9	7.7	3.1
Education	4.5	5.2	1.4
Human health and social work	-1.9	50.8	10.4
Arts, recreation and other services	64.6	-29.3	5.6
Activities of households as employers	1.5	11.5	11.7
Imputed bank services	-3.0	17.1	3.1

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

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

(%)

Economic Activity	2005	2010	2011	2012*
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, forestry and fishing	1.2	0.7	0.6	0.6
Mining and quarrying (includes crude oil and natural gas)	56.2	49.6	57.3	56.5
Manufacturing	7.5	5.6	5.7	5.9
Electricity, gas, and water supply; waste management	2.3	2.6	2.2	2.3
Construction	6.9	12.9	9.9	9.6
Wholesale and retail trade; repair of motor vehicles and motorcycles	5.1	4.5	3.3	3.5
Transportation and storage	2.3	3.3	3.5	3.6
Accommodation and food services	0.9	1.2	1.0	1.0
Information and communication	4.0	3.0	2.3	2.2
Financial and insurance	4.7	4.6	3.9	3.8
Real estate	2.7	4.3	4.1	4.4
Professional, scientific and technical	2.7	2.8	2.3	2.4
Administrative and support services	1.5	1.2	1.1	1.2
Public administration and defence; compulsory social security	2.7	4.8	4.0	3.8
Education	1.4	1.1	1.1	1.1
Human health and social work	0.4	0.6	0.7	0.7
Arts, recreation and other services	0.4	0.5	0.3	0.3
Activities of households as employers	0.2	0.2	0.2	0.2
Imputed bank services	-3.0	-3.5	-3.3	-3.2

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

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

(%)

Economic Activity	2005	2010	2011	2012*
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, forestry and fishing	1.0	0.8	0.8	0.8
Mining and quarrying (includes crude oil and natural gas)	59.3	51.8	52.9	52.0
Manufacturing	7.2	5.5	5.9	6.1
Electricity, gas, and water supply; waste management	2.1	2.6	2.6	2.7
Construction	7.1	14.2	13.1	12.8
Wholesale and retail trade; repair of motor vehicles and motorcycles	4.4	4.1	3.6	3.7
Transportation and storage	2.0	2.8	2.9	3.1
Accommodation and food services	0.8	1.0	1.1	1.2
Information and communication	3.5	3.3	2.9	2.8
Financial and insurance	4.4	4.4	4.3	4.2
Real estate	2.8	3.7	4.3	4.7
Professional, scientific and technical	2.5	2.6	2.5	2.6
Administrative and support services	1.4	1.1	1.2	1.3
Public administration and defence; compulsory social security	2.2	3.3	3.2	3.2
Education	1.2	1.2	1.1	1.1
Human health and social work	0.3	0.4	0.6	0.6
Arts, recreation and other services	0.4	0.5	0.3	0.3
Activities of households as employers	0.2	0.2	0.2	0.2
Imputed bank services	-2.8	-3.4	-3.6	-3.5

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

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

(%)

Item	2005	2010	2011	2012*
<b>Total trade</b>	<b>59.0</b>	<b>59.9</b>	<b>66.4 *</b>	<b>65.9</b>
<b>Total exports</b>	<b>49.8</b>	<b>46.4</b>	<b>52.6 *</b>	<b>52.8</b>
Oil, gas and oil products exports	48.2	42.8	49.9 *	49.5
Non-oil exports	0.8	1.8	1.4	1.7
Re- exports	0.8	1.7	1.4	1.6
<b>Imports</b>	<b>9.2</b>	<b>13.5</b>	<b>13.7</b>	<b>13.1</b>
<b>Net trade in goods</b>	<b>40.7</b>	<b>32.8</b>	<b>38.9 *</b>	<b>39.8</b>

Source : Statistics Centre - Abu Dhabi

\*Preliminary estimates

### 1.1.10. Total Exports through the Ports of the Emirate of Abu Dhabi as a Percentage of the GDP at Current Prices

Item	2005	2010	2011	2012*
GDP (Million AED)	383,430	639,952	846,684	911,591
Total exports (Million AED)	191,125	296,703	445,534*	481,612
Total exports as % of GDP	49.8	46.4	52.6*	52.8

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

**Figure 1.1.1. Total Exports through the Ports of the Emirate of Abu Dhabi and GDP at Current Prices**



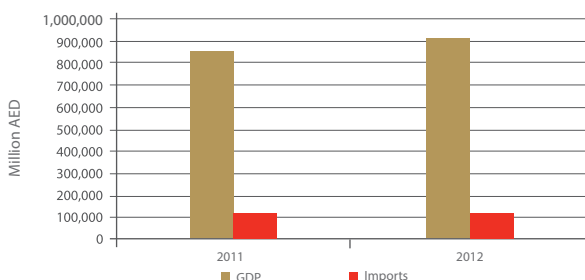
### 1.1.11. Imports through the Ports of the Emirate of Abu Dhabi as a Percentage of the GDP at Current Prices

Item	2005	2010	2011	2012
GDP (Million AED)	383,430	639,952	846,684	911,591*
Imports (Million AED)	35,214	86,574	116,374	118,972
Imports as % of GDP	9.2	13.5	13.7	13.1*

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

**Figure 1.1.2. Imports through the Ports of the Emirate of Abu Dhabi and GDP at Current Prices**



**1.1.12. Gross Fixed Capital Formation by Economic Activity at Current Prices**  
( Million AED)

Economic Activity	2005	2010	2011	2012*
<b>Total</b>	<b>47,278</b>	<b>142,852</b>	<b>164,033</b>	<b>172,707</b>
Agriculture, forestry and fishing	500	486	548	570
Mining and quarrying (includes crude oil and natural gas)	7,246	33,716	24,673	25,578
Manufacturing	8,631	28,740	28,278	30,774
Electricity, gas, and water supply; waste management	5,900	12,634	12,674	13,941
Construction	1,985	4,541	3,998	4,292
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,107	1,205	1,606	1,747
Transportation and storage	5,192	11,253	18,911	22,083
Accommodation and food services	3,642	505	320	347
Information and communication	828	1,979	6,360	6,560
Financial and insurance	630	5,687	3,477	3,668
Real estate	899	9,446	20,093	23,107
Professional, scientific and technical	514	309	247	284
Administrative and support services	1,271	416	1,094	1,176
Public administration and defence; compulsory social security	7,466	26,842	31,440	26,724
Education	544	3,181	8,329	9,662
Human health and social work	900	1,592	1,764	1,957
Arts, recreation and other services	23	317	221	235
Activities of households as employers	0	0	0	0

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates



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

(%)

Economic Activity	2005	2010	2011	2012*
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, forestry and fishing	1.1	0.3	0.3	0.3
Mining and quarrying (includes crude oil and natural gas)	15.3	23.6	15.0	14.8
Manufacturing	18.3	20.1	17.2	17.8
Electricity, gas, and water supply; waste management	12.5	8.8	7.7	8.1
Construction	4.2	3.2	2.4	2.5
Wholesale and retail trade; repair of motor vehicles and motorcycles	2.3	0.8	1.0	1.0
Transportation and storage	11.0	7.9	11.5	12.8
Accommodation and food services	7.7	0.4	0.2	0.2
Information and communication	1.8	1.4	3.9	3.8
Financial and insurance	1.3	4.0	2.1	2.1
Real estate	1.9	6.6	12.2	13.4
Professional, scientific and technical	1.1	0.2	0.2	0.2
Administrative and support services	2.7	0.3	0.7	0.7
Public administration and defence; compulsory social security	15.8	18.8	19.2	15.5
Education	1.1	2.2	5.1	5.6
Human health and social work	1.9	1.1	1.1	1.1
Arts, recreation and other services	0.0	0.2	0.1	0.1
Activities of households as employers	0.0	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

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

(%)

Economic Activity	2005	2010	2011	2012*
<b>Total</b>	<b>12.3</b>	<b>22.3</b>	<b>19.4</b>	<b>18.9</b>
Agriculture, forestry and fishing	0.1	0.1	0.1	0.1
Mining and quarrying (includes crude oil and natural gas)	1.9	5.3	2.9	2.8
Manufacturing	2.3	4.5	3.3	3.4
Electricity, gas, and water supply; waste management	1.5	2.0	1.5	1.5
Construction	0.5	0.7	0.5	0.5
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.3	0.2	0.2	0.2
Transportation and storage	1.4	1.8	2.2	2.4
Accommodation and food services	0.9	0.1	0.0	0.0
Information and communication	0.2	0.3	0.8	0.7
Financial and insurance	0.2	0.9	0.4	0.4
Real estate	0.2	1.5	2.4	2.5
Professional, scientific and technical	0.1	0.0	0.0	0.0
Administrative and support services	0.3	0.1	0.1	0.1
Public administration and defence; compulsory social security	1.9	4.2	3.7	2.9
Education	0.1	0.5	1.0	1.1
Human health and social work	0.2	0.2	0.2	0.2
Arts, recreation and other services	0.0	0.0	0.0	0.0
Activities of households as employers	0.0	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

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

(%)

Economic Activity	2005	2010	2011	2012*
<b>Total</b>	<b>7.5</b>	<b>-8.1</b>	<b>14.8</b>	<b>5.3</b>
Agriculture, forestry and fishing	-1.4	-3.0	12.7	4.1
Mining and quarrying (includes crude oil and natural gas)	5.3	-0.6	-26.8	3.7
Manufacturing	11.5	12.2	-1.6	8.8
Electricity, gas, and water supply; waste management	11.5	-22.3	0.3	10.0
Construction	20.4	-3.6	-12.0	7.4
Wholesale and retail trade; repair of motor vehicles and motorcycles	12.9	-24.3	33.3	8.8
Transportation and storage	15.2	7.7	68.0	16.8
Accommodation and food services	16.7	-65.3	-36.6	8.3
Information and communication	15.2	14.8	221.3	3.2
Financial and insurance	14.5	57.9	-38.9	5.5
Real estate	25.1	-26.1	112.7	15.0
Professional, scientific and technical	25.1	-76.1	-20.0	15.1
Administrative and support services	21.0	-79.3	162.8	7.5
Public administration and defence; compulsory social security	-12.7	-27.9	17.1	-15.0
Education	12.0	218.9	161.8	16.0
Human health and social work	11.7	24.5	10.8	10.9
Arts, recreation and other services	11.8	194.8	-30.3	6.3
Activities of households as employers	0.0	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

## 1.2. Foreign Trade

Foreign trade is of paramount importance to the economy of the Emirate of Abu Dhabi and makes up a considerable proportion of the Emirate's GDP. In 2012, net trade in goods accounted for 39.8% of the GDP, reflecting the Emirate's robust and highly developed level of commercial activity and the significance of foreign trade to the economy in general.

The non-oil merchandise trade statistics presented in this section comprises trade 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 these goods do not belong entirely to the Emirate of Abu Dhabi and do not fully represent Abu Dhabi non-oil merchandise trade as some of these goods might belong to other Emirates. These statistics do not record Abu Dhabi trade through ports of the other Emirates.

Commodity imports through the ports of the Emirate Abu Dhabi were valued at AED 119.0 billion in 2012 compared with AED 116.4 billion in 2011. The main imports during 2012 were "Machinery, sound recorder, reproducers and parts", which accounted for 32.7% of the total value. The United States of America was the main country for imports, from which the Emirate received goods worth AED 14.3 billion. Non-oil exports were valued at AED 15.4 billion, with "Plastic, rubber and articles thereof" contributing 54.6% of the total. China was the top destination of Abu Dhabi non-oil exports, receiving goods worth AED 4.0 billion from the Emirate in 2012.

Re-exports in 2012 were valued at AED 14.7 billion compared with AED 11.6 billion in 2011. The top category during 2012 was "Machinery, sound recorder, reproducers and parts", which contributed 48.7% of the re-exports total. The Kingdom of Bahrain was the top country destination for re-exports with goods valued at AED 3.9 billion.

The value of imports from Asian countries through the ports of the Emirate of Abu Dhabi was AED 54.4 billion during 2012 compared with AED 54.3 billion in 2011. The value of non-oil exports to Asian countries through the ports of the Emirate of Abu Dhabi was AED 14.3 billion while re-exports to Asian countries amounted to AED 13.1 billion.

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

(Million AED)

Item	2005	2010	2011	2012
<b>Total trade</b>	<b>226,339.5</b>	<b>383,276.3</b>	<b>561,907.9*</b>	<b>600,583.3*</b>
Total exports	191,125.2	296,702.6	445,533.9*	481,611.6*
Oil, gas and oil products	184,711.7	274,105.9	422,488.9*	451,455.0*
Non-oil exports	3,186.4	11,610.8	11,478.0	15,411.6
Re-exports	3,227.1	10,985.9	11,567.0	14,745.0
Imports	35,214.3	86,573.7	116,374.0	118,971.7
Net trade in goods	155,910.9	210,128.9	329,159.9*	362,639.9*

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

### 1.2.2. Foreign Trade Statistics as a Percentage of Total Trade through the Ports of the Emirate of Abu Dhabi

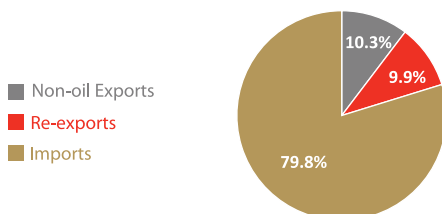
(%)

Item	2005	2010	2011	2012
<b>Total trade</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Total exports	84.4	77.4	79.3*	80.2*
Oil, gas and oil products	81.6	71.5	75.2*	75.2*
Non-oil exports	1.4	3.0	2.0	2.6
Re-exports	1.4	2.9	2.1	2.5
Imports	15.6	22.6	20.7	19.8
Net trade in goods	68.9	54.8	58.6*	60.4*

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

Figure 1.2.1. Non-oil Foreign Trade Statistics, 2012



### 1.2.3. Trade Balance of Non-oil Trade through the Ports of the Emirate of Abu Dhabi by Sections of the Harmonized System (HS) at Current Prices, 2012

(Million AED)

Description	Exports	Re- exports	Imports	Balance
<b>Total</b>	<b>15,411.6</b>	<b>14,745.0</b>	<b>118,971.7</b>	<b>-88,815.1</b>
Live animals and products thereof	98.3	22.3	2,381.7	-2,261.1
Vegetable products	77.7	37.1	3,390.7	-3,275.9
Animals or vegetable fats, oil and waxes	168.7	0.9	474.7	-305.1
Foodstuffs, beverages, spirits and tobacco	195.2	24.0	2,077.8	-1,858.6
Mineral products	90.2	31.3	4,644.2	-4,522.8
Products of the chemical or allied industries	265.4	833.0	7,941.5	-6,843.2
Plastic, rubber and articles thereof	8,417.0	560.5	5,745.4	3,232.1
Articles of leather and animal gut; travel goods	1.1	55.5	82.3	-25.7
Articles of wood, cork; basket ware and wickerwork	15.9	39.1	400.8	-345.8
Pulp of wood, waste, scrap and article of paper	241.5	85.6	1,283.5	-956.4
Textiles and textile articles	143.5	1,364.9	903.6	604.8
Footwear, umbrella, articles of feather and hair	3.2	223.5	109.5	117.2
Articles of stone, mica; ceramic products and glass	187.4	73.3	1,882.3	-1,621.5
Pearls, stones, precious metals and articles thereof	1.9	65.4	67.2	0.1
Base metals and articles of base metals	4,617.6	394.0	22,418.5	-17,406.8
Machinery, sound recorder, reproducers and parts	465.3	7,179.0	38,870.7	-31,226.4
Transport vehicles	304.2	2,822.1	22,301.2	-19,174.9
Photographic, medical, musical instruments and parts	50.1	292.1	2,989.2	-2,647.0
Miscellaneous manufactured articles	64.9	191.7	861.2	-604.6
Work of art, collectors pieces and antiques	2.6	449.5	145.4	306.7

Source: Statistics Centre - Abu Dhabi

#### 1.2.4. Total Non-oil Exports to Import Ratio for the Emirate of Abu Dhabi by Sections of the Harmonized System (HS)

(%)

Description	2005	2010	2011	2012
<b>Total</b>	<b>18.2</b>	<b>26.1</b>	<b>19.8</b>	<b>25.3</b>
Live animals and products thereof	8.8	7.0	5.5	5.1
Vegetable products	5.7	4.4	3.4	3.4
Animals or vegetable fats, oil and waxes	84.1	47.4	34.7	35.7
Foodstuffs, beverages, spirits and tobacco	11.4	13.2	11.7	10.5
Mineral products	15.9	2.8	1.6	2.6
Products of the chemical or allied industries	10.9	23.9	13.6	13.8
Plastic, rubber and articles thereof	86.3	52.8	51.8	156.3
Articles of leather and animal gut; travel goods	14.9	88.0	33.4	68.7
Articles of wood, cork; basket ware and wickerwork	16.8	19.8	15.3	13.7
Pulp of wood, waste, scrap and article of paper	20.8	30.4	19.2	25.5
Textiles and textile articles	49.3	159.8	155.4	166.9
Footwear, umbrella, articles of feather and hair	8.2	63.2	100.1	207.0
Articles of stone, mica; ceramic products and glass	12.3	22.3	11.7	13.9
Pearls, stones, precious metals and articles thereof	7.5	8.5	3.7	100.1
Base metals and articles of base metals	10.2	11.3	11.9	22.4
Machinery, sound recorder, reproducers and parts	12.2	26.0	18.8	19.7
Transport vehicles	14.7	34.2	28.0	14.0
Photographic, medical, musical instruments and parts	9.4	11.0	5.9	11.4
Arms and ammunition; parts and accessories	0.9	12.9	2.4	0.0
Miscellaneous manufactured articles	31.7	21.1	18.3	29.8
Work of art, collectors pieces and antiques	4.9	572.2	475.6	310.9

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Non-oil Exports of Goods	2009	2010	2011	2012
<b>Total</b>	<b>9,500.8</b>	<b>11,610.8</b>	<b>11,478.0</b>	<b>15,411.6</b>
Agricultural raw materials exports	17.2	21.3	47.1	51.0
Food products	385.8	493.5	509.7	525.6
Manufactured products	8,844.1	10,320.3	9,884.2	12,646.2
Ores and metals	216.1	737.7	989.3	2,148.5
Other goods	37.6	37.9	47.8	40.3

**Source:** Statistics Centre - Abu Dhabi

### 1.2.6. Non-oil Exports of the Emirate of Abu Dhabi by Continent

(Million AED)

Continent	2011		2012	
	Value	%	Value	%
<b>Total</b>	<b>11,478.0</b>	<b>100</b>	<b>15,411.6</b>	<b>100</b>
Asia	6,345.9	55.3	14,296.5	92.8
Africa	575.2	5.0	829.1	5.4
Australia	5.6	0.0	9.5	0.1
Caribbean	4.6	0.0	3.5	0.0
Central America	5.1	0.0	23.4	0.2
Europe	131.4	1.1	125.8	0.8
North America	2,740.4	23.9	99.9	0.6
South America	1,669.7	14.5	24.1	0.2

**Source:** Department of Finance - Customs Administration



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

(Million AED)

Description	2005	2010	2011	2012
<b>Total</b>	<b>3,186.4</b>	<b>11,610.8</b>	<b>11,478.0</b>	<b>15,411.6</b>
Live animals and products thereof	48.6	112.3	94.6	98.3
Vegetable products	34.1	60.0	64.6	77.7
Animals or vegetable fats, oil and waxes	125.8	154.5	175.4	168.7
Foodstuffs, beverages, spirits and tobacco	47.8	181.1	188.7	195.2
Mineral products	61.4	35.9	47.8	90.2
Products of the chemical or allied industries	148.0	509.0	337.0	265.4
Plastic, rubber and articles thereof	1,874.5	2,147.8	2,442.0	8,417.0
Articles of leather and animal gut; travel goods	8.8	1.4	0.8	1.1
Articles of wood, cork; basket ware and wickerwork	39.7	11.5	6.5	15.9
Pulp of wood, waste, scrap and article of paper	114.9	184.1	232.2	241.5
Textiles and textile articles	38.5	70.0	116.8	143.5
Footwear, umbrella, articles of feather and hair	0.4	9.1	4.1	3.2
Articles of stone, mica; ceramic products and glass	76.4	399.0	174.2	187.4
Pearls, stones, precious metals and articles thereof	3.9	12.3	3.5	1.9
Base metals and articles of base metals	229.4	1,414.4	2,525.3	4,617.6
Machinery, sound recorder, reproducers and parts	260.9	553.4	476.8	465.3
Transport vehicles*	39.8	5,699.4	4,529.4	304.2
Photographic, medical, musical instruments and parts	11.4	8.3	6.3	50.1
Arms and ammunition; parts and accessories	1.2	35.8	10.3	0.0
Miscellaneous manufactured articles	20.5	10.1	39.9	64.9
Work of art, collectors pieces and antiques	0.3	1.6	1.6	2.6

Source: Department of Finance - Customs Administration

\*The decrease during 2012 is due to lower exports of floating or submersible drilling or production platforms.

### 1.2.8. Non-oil Exports through the Ports of the Emirate of Abu Dhabi to GCC Countries

(Million AED)

Countries	2011		2012	
	Value	%	Value	%
<b>Total</b>	<b>3,904.5</b>	<b>100</b>	<b>6,183.9</b>	<b>100</b>
Saudi Arabia	2,058.0	52.7	3,876.6	62.7
Oman	776.0	19.9	849.7	13.7
Qatar	632.0	16.2	714.4	11.6
Kuwait	277.3	7.1	472.4	7.6
Kingdom of Bahrain	161.3	4.1	270.9	4.4

**Source:** Department of Finance - Customs Administration

### 1.2.9. Top Trade Partners of the Emirate of Abu Dhabi (Non-oil Exports)

( Million AED)

Countries	2011		2012	
	Value	%	Value	%
<b>Total</b>	<b>11,478.0</b>	<b>100</b>	<b>15,411.6</b>	<b>100</b>
China	545.3	4.8	4,049.6	26.3
Saudi Arabia	2,058.0	17.9	3,876.6	25.2
Singapore	75.1	0.7	1,890.2	12.3
India	629.3	5.5	900.9	5.8
Oman	776.0	6.8	849.7	5.5
Qatar	632.0	5.5	714.4	4.6
Kuwait	277.3	2.4	472.4	3.1
Egypt	352.7	3.1	423.6	2.7
Kingdom of Bahrain	161.3	1.4	270.9	1.8
Pakistan	176.3	1.5	249.3	1.6
Other countries	5,794.8	50.5	1,714.1	11.1

**Source:** Department of Finance - Customs Administration

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

( Million AED )

Mode of Shipping	2011		2012	
	Value	%	Value	%
<b>Total</b>	<b>11,478.0</b>	<b>100</b>	<b>15,411.6</b>	<b>100</b>
Marine	7,262.6	63.3	8,930.6	57.9
Road	3,914.7	34.1	6,234.2	40.5
Air	300.7	2.6	246.9	1.6

**Source:** Department of Finance - Customs Administration

The Emirate of Abu Dhabi exported 870.6 million barrels of crude oil in 2012. Japan was the top importer receiving around 31.0% of the Emirate's total crude oil exports. In 2012, the Emirate exported 10.0 million metric tons of refined petroleum products, of which Japan bought 19.3%, followed by Netherlands, which purchased 16.1%.

LNG exports increased by AED 1,090.5 million in 2012 compared with 2011, reaching AED 18,221.0 million. Japan was the most significant importer with 99.7% of the LNG exports value. The Emirate imported 833,099.4 million cubic feet of natural gas in 2012, at a daily average of 2,282.5 million cubic feet.

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

(Thousand Barrels)

Countries	2011*		2012*	
	Volume	%	Volume	%
<b>TOTAL</b>	<b>833,900.4</b>	<b>100</b>	<b>870,626.2</b>	<b>100</b>
Japan	187,541.4	22.5	269,503.5	31.0
Thailand	47,981.5	5.8	125,916.3	14.5
Singapore	21,998.0	2.6	109,571.2	12.6
India	95,396.7	11.4	108,896.6	12.5
South Korea	76,545.6	9.2	76,574.1	8.8
China	91,739.9	11.0	65,532.2	7.5
Pakistan	20,442.3	2.5	24,800.4	2.8
Australia	118,685.9	14.2	23,967.7	2.8
Taiwan	9,905.5	1.2	23,072.5	2.7
Philippines	3,280.3	0.4	16,187.9	1.9
Kenya	512.0	0.1	8,148.0	0.9
Bangladesh	19,797.7	2.4	5,101.0	0.6
South Africa	2,049.5	0.2	4,216.1	0.5
United Kingdom	0.0	0.0	2,709.8	0.3
Hong Kong	0.0	0.0	1,848.0	0.2
New Zealand	0.0	0.0	1,206.0	0.1
Dar es salam	22,102.0	2.7	1,123.0	0.1
Sri Lanka	4,902.0	0.6	658.0	0.1
Italy	12,479.0	1.5	630.0	0.1
Tanzania	565.0	0.1	487.0	0.1
Malaysia	2,047.0	0.2	477.0	0.1
Egypt	47,607.0	5.7	0.0	0.0
Other European Countries	21,796.5	2.6	0.0	0.0
France	23,666.0	2.8	0.0	0.0
Indonesia	1,835.0	0.2	0.0	0.0
Spain	503.0	0.1	0.0	0.0
United State of America	521.6	0.1	0.0	0.0

Source: Abu Dhabi National Oil Company - ADNOC

\* Preliminary estimates

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

(Metric Tons)

Countries	2011*		2012*	
	Volume	%	Volume	%
<b>TOTAL</b>	<b>10,001,547.6</b>	<b>100</b>	<b>10,006,782.0</b>	<b>100</b>
Japan	1,391,354.7	13.9	1,930,446.7	19.3
Netherlands	1,688,484.4	16.9	1,611,481.0	16.1
South Korea	1,231,475.8	12.3	1,526,398.5	15.3
France	718,563.8	7.2	908,033.8	9.1
Taiwan	1,212,292.6	12.1	819,874.5	8.2
United Kingdom	394,164.8	3.9	583,785.9	5.8
India	210,106.6	2.1	310,267.5	3.1
Malaysia	236,218.3	2.4	306,955.6	3.1
Singapore	235,383.2	2.4	282,611.7	2.8
Other European Countries	488,132.6	4.9	277,819.0	2.8
Brazil	207,678.1	2.1	266,320.4	2.7
Gibraltar	129,543.5	1.3	196,445.2	2.0
Thailand	162,319.6	1.6	162,181.1	1.6
Tanzania	0.0	0.0	129,703.6	1.3
Qatar	118,396.3	1.2	110,333.8	1.1
Kenya	131,272.8	1.3	91,858.9	0.9
Turkey	0.0	0.0	84,728.7	0.8
Oman	38,304.1	0.4	68,049.8	0.7
Swaziland	0.0	0.0	66,211.0	0.7
Saudi Arabia	191,099.9	1.9	65,890.6	0.7
China	152,271.2	1.5	54,926.7	0.5
Pakistan	167,380.3	1.7	52,392.1	0.5
South Africa	0.0	0.0	32,923.8	0.3
Iraq	0.0	0.0	16,763.2	0.2
Indonesia	25,000.0	0.2	0.0	0.0
Jordan	47,191.0	0.5	0.0	0.0
Seychelles	94,815.0	0.9	0.0	0.0
Yemen	80,141.8	0.8	0.0	0.0
Other	649,957.1	6.5	50,379.0	0.5

Source: Abu Dhabi National Oil Company - ADNOC

\* Preliminary estimates

### 1.2.13. Natural Gas Imports of the Emirate of Abu Dhabi

(Million Cubic Feet)

Item	2009	2010	2011	2012
Volume of imports	755,206.6	794,785.7	828,093.9	833,099.4
Daily average	2,069.1	2,177.5	2,268.8	2,282.5

Source: Dolphin Energy

### 1.2.14. Exports of Liquefied Natural Gas of the Emirate of Abu Dhabi by Country

(Million AED)

Countries	2011*		2012*	
	Value	%	Value	%
<b>Total</b>	<b>17,130.5</b>	<b>100</b>	<b>18,221.0</b>	<b>100</b>
Japan	16,855.8	98.4	18,172.6	99.7
India	166.4	1.0	0.0	0.0
Taiwan	108.3	0.6	0.0	0.0
Other countries	0.0	0.0	48.4	0.3

Source: Abu Dhabi National Oil Company - ADNOC

\* Preliminary estimates

### 1.2.15. Liquefied Natural Gas Exports of the Emirate of Abu Dhabi by Continent

(Million AED)

Continent	2011*		2012*	
	Value	%	Value	%
<b>Total</b>	<b>17,130.5</b>	<b>100</b>	<b>18,221.0</b>	<b>100</b>
Asia	17,130.5	100.0	18,221.0	100.0

Source: Abu Dhabi National Oil Company - ADNOC

\* Preliminary estimates

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

(Million AED)

Re-exports of Goods	2009	2010	2011	2012
<b>Total</b>	<b>8,694.2</b>	<b>10,985.9</b>	<b>11,567.0</b>	<b>14,745.0</b>
Agricultural raw materials	24.7	24.6	25.7	11.1
Food products	77.0	101.0	90.6	75.0
Manufactured products	8,024.9	10,367.7	10,899.8	14,163.2
Ores and metals	12.7	21.0	33.7	24.5
Other goods	554.9	472.5	517.2	471.2

Source: Statistics Centre - Abu Dhabi

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

(Million AED)

Description	2005	2010	2011	2012
<b>Total</b>	<b>3,227.1</b>	<b>10,985.9</b>	<b>11,567.0</b>	<b>14,745.0</b>
Live animals and products thereof	37.6	20.7	24.6	22.3
Vegetable products	37.1	65.0	59.3	37.1
Animals or vegetable fats, oil and waxes	27.8	1.1	1.6	0.9
Foodstuffs, beverages, spirits and tobacco	44.7	28.4	29.4	24.0
Mineral products	21.3	31.9	29.8	31.3
Products of the chemical or allied industries	113.1	469.8	605.8	833.0
Plastic, rubber and articles thereof	93.6	124.1	130.9	560.5
Articles of leather and animal gut; travel goods	7.1	60.3	28.2	55.5
Articles of wood, cork; basket ware and wickerwork	26.9	85.7	60.4	39.1
Pulp of wood, waste, scrap and article of paper	26.2	228.5	37.0	85.6
Textiles and textile articles	289.7	1,373.6	1,417.1	1,364.9
Footwear, umbrella, articles of feather and hair	8.4	65.6	138.7	223.5
Articles of stone, mica; ceramic products and glass	35.4	46.5	95.9	73.3
Pearls, stones, precious metals and articles thereof	4.1	5.6	12.5	65.4
Base metals and articles of base metals	324.1	376.0	399.4	394.0
Machinery, sound recorder, reproducers and parts	855.1	5,837.1	5,981.0	7,179.0
Transport vehicles	1,094.0	1,383.7	1,765.9	2,822.1
Photographic, medical, musical instruments and parts	61.9	176.1	135.4	292.1
Arms and ammunition; parts and accessories	1.7	18.2	8.2	0.0
Miscellaneous manufactured articles	117.3	143.1	117.4	191.7
Work of art, collectors pieces and antiques	0.0	445.0	488.8	449.5

**Source:** Department of Finance - Customs Administration

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

(Million AED)

Continent	2011		2012	
	Value	%	Value	%
<b>Total</b>	<b>11,567.0</b>	<b>100</b>	<b>14,745.0</b>	<b>100</b>
Asia	10,354.9	89.5	13,114.6	88.9
Africa	355.9	3.1	327.0	2.2
Australia	45.9	0.4	13.4	0.1
Caribbean	0.7	0.0	0.4	0.0
Central America	4.8	0.0	1.2	0.0
Europe	736.3	6.4	1,168.0	7.9
North America	56.2	0.5	63.8	0.4
South America	9.8	0.1	52.8	0.4
Others	2.4	0.0	3.8	0.0

**Source:** Statistics Centre - Abu Dhabi

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

(Million AED)

Countries	2011		2012	
	Value	%	Value	%
<b>Total</b>	<b>7,987.0</b>	<b>100</b>	<b>10,756.5</b>	<b>100</b>
Kingdom of Bahrain	3,428.1	42.9	3,880.5	36.1
Saudi Arabia	1,598.7	20.0	2,569.2	23.9
Qatar	1,551.6	19.4	2,133.3	19.8
Kuwait	1,103.3	13.8	1,797.8	16.7
Oman	305.2	3.8	375.8	3.5

**Source:** Department of Finance - Customs Administration

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

(Million AED)

Mode of shipping	2011		2012	
	Value	%	Value	%
<b>Total</b>	<b>11,567.0</b>	<b>100</b>	<b>14,745.0</b>	<b>100</b>
Marine	1,045.8	9.0	1,923.8	13.0
Road	1,271.2	11.0	1,670.1	11.3
Air	9,250.0	80.0	11,151.0	75.6

**Source:** Department of Finance - Customs Administration

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

(Million AED)

Countries	2011		2012	
	Value	%	Value	%
<b>Total</b>	<b>11,567.0</b>	<b>100</b>	<b>14,745.0</b>	<b>100</b>
Kingdom of Bahrain	3,428.1	29.6	3,880.5	26.3
Saudi Arabia	1,598.7	13.8	2,569.2	17.4
Qatar	1,551.6	13.4	2,133.3	14.5
Kuwait	1,103.3	9.5	1,797.8	12.2
Jordan	378.0	3.3	460.6	3.1
Turkmenistan	246.0	2.1	432.7	2.9
India	674.5	5.8	395.1	2.7
Oman	305.2	2.6	375.8	2.5
United Kingdom	135.3	1.2	250.3	1.7
Switzerland	122.9	1.1	198.8	1.3
Other Countries	2,023.3	17.5	2,250.9	15.3

**Source:** Department of Finance - Customs Administration

### 1.2.22. Key Indicators of Imports of the Emirate of Abu Dhabi

(Million AED)

Imports of Goods	2009	2010	2011	2012
<b>Total</b>	<b>93,872.2</b>	<b>86,573.7</b>	<b>116,374.0</b>	<b>118,971.7</b>
Agricultural raw materials	322.2	365.4	424.0	448.7
Food products	4,945.8	5,245.8	6,090.8	6,157.5
Manufactured products	83,518.0	73,796.1	95,172.6	98,173.4
Ores and metals	2,522.9	4,861.0	10,639.6	9,922.8
Other imported goods	2,563.3	2,305.4	4,047.1	4,269.3

**Source:** Statistics Centre - Abu Dhabi



### 1.2.23. Commodity Imports through the Ports of the Emirate of Abu Dhabi by Sections of the Harmonized System (HS)

(Million AED)

Description	2005	2010	2011	2012
<b>Total</b>	<b>35,214.3</b>	<b>86,573.7</b>	<b>116,374.0</b>	<b>118,971.7</b>
Live animals and products thereof	980.1	1,891.8	2,186.1	2,381.7
Vegetable products	1,257.5	2,816.5	3,635.6	3,390.7
Animals or vegetable fats, oil and waxes	182.6	328.3	509.4	474.7
Foodstuffs, beverages, spirits and tobacco	812.3	1,581.9	1,859.4	2,077.8
Mineral products	519.9	2,456.3	4,844.3	4,644.2
Products of the chemical or allied industries	2,402.3	4,102.7	6,957.6	7,941.5
Plastic, rubber and articles thereof	2,279.9	4,303.7	4,963.4	5,745.4
Articles of leather and animal gut; travel goods	106.9	70.1	86.7	82.3
Articles of wood, cork; basket ware and wickerwork	395.5	492.1	438.4	400.8
Pulp of wood, waste, scrap and article of paper	679.0	1,356.3	1,404.0	1,283.5
Textiles and textile articles	665.7	903.2	987.1	903.6
Footwear, umbrella, articles of feather and hair	107.6	118.1	142.8	109.5
Articles of stone, mica; ceramic products and glass	909.2	2,002.0	2,302.0	1,882.3
Pearls, stones, precious metals and articles thereof	106.9	210.5	432.6	67.2
Base metals and articles of base metals	5,428.6	15,780.3	24,603.5	22,418.5
Machinery, sound recorder, reproducers and parts	9,133.3	24,553.6	34,375.2	38,870.7
Transport vehicles	7,711.9	20,704.1	22,504.6	22,301.2
Photographic, medical, musical instruments and parts	780.2	1,681.0	2,418.3	2,989.2
Arms and ammunition; parts and accessories	311.7	418.1	761.9	0.0
Miscellaneous manufactured articles	435.1	725.0	858.2	861.2
Work of art, collectors pieces and antiques	7.8	78.0	103.1	145.4

Source: Department of Finance - Customs Administration

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

(Million AED)

Continent	2011		2012	
	Value	%	Value	%
<b>Total</b>	<b>116,374.0</b>	<b>100</b>	<b>118,971.7</b>	<b>100</b>
Asia	54,322.9	46.7	54,354.3	45.7
Africa	4,234.4	3.6	4,118.3	3.5
Australia	2,875.1	2.5	2,169.8	1.8
Caribbean	17.6	0.0	122.3	0.1
Central America	355.8	0.3	464.5	0.4
Europe	37,793.4	32.5	39,527.4	33.2
North America	14,086.5	12.1	15,147.2	12.7
South America	2,687.9	2.3	3,067.0	2.6
Others	0.4	0.0	0.8	0.0

**Source:** Statistics Centre - Abu Dhabi

### 1.2.25. Imports through the Ports of the Emirate of Abu Dhabi from GCC Countries by Value

(Million AED)

Countries	2011		2012	
	Value	%	Value	%
<b>Total</b>	<b>17,231.8</b>	<b>100</b>	<b>17,057.1</b>	<b>100</b>
Saudi Arabia	12,266.9	71.2	12,011.2	70.4
Qatar	1,302.5	7.6	1,788.5	10.5
Kingdom of Bahrain	1,712.0	9.9	1,243.6	7.3
Oman	783.2	4.5	1,070.4	6.3
Kuwait	1,167.2	6.8	943.4	5.5

**Source:** Department of Finance - Customs Administration

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

### 1.2.26. Top Trade Partners of the Emirate of Abu Dhabi (Imports)

(Million AED)

Countries	2011		2012	
	Value	%	Value	%
<b>Total</b>	<b>116,374.0</b>	<b>100</b>	<b>118,971.7</b>	<b>100</b>
United States of America	13,435.4	11.5	14,344.7	12.1
South Korea	11,797.1	10.1	13,206.1	11.1
Saudi Arabia	12,266.9	10.5	12,011.2	10.1
Germany	9,566.2	8.2	9,869.8	8.3
Japan	9,903.0	8.5	9,826.9	8.3
Italy	7,395.6	6.4	8,890.4	7.5
United Kingdom	4,600.8	4.0	5,172.6	4.3
China	3,961.6	3.4	4,086.4	3.4
France	5,759.2	4.9	3,641.1	3.1
India	2,457.5	2.1	2,740.8	2.3
Other Countries	35,230.9	30.3	35,181.7	29.6

**Source:** Department of Finance - Customs Administration

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

(Million AED)

Mode of Shipping	2011		2012	
	Value	%	Value	%
<b>Total</b>	<b>116,374.0</b>	<b>100.0</b>	<b>118,971.7</b>	<b>100.0</b>
Marine	73,954.3	63.5	76,144.8	64.0
Road	22,302.6	19.2	22,041.2	18.5
Air	20,117.1	17.3	20,785.8	17.5

**Source:** Department of Finance - Customs Administration

## 1.3. Prices

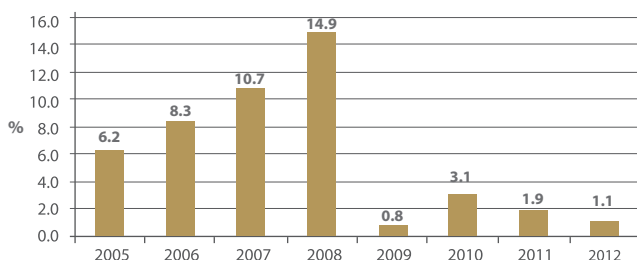
Price statistics and consumer price indices provide data on price levels in many sectors such as the consumer sector, building materials and many others in addition to important indicators such as the inflation rate. Statistics Centre – Abu Dhabi periodically collects price data from different sources in the Emirate of Abu Dhabi.

The Consumer Price Index (CPI), which is compiled from these data sources, measures changes in the prices of goods and services between two periods of time, namely the base period and the comparison period. The CPI measures the annual and monthly inflation rates detailed by household type and welfare level.

### Key results from the 2012 CPI calculations were:

- The inflation rate increased by 1.1% as a result of the rise in the CPI from 121.6 points in 2011 to 122.9 points in 2012.
- The “Hotels and restaurants” group contributed 51.8% to the overall annual percentage change in prices in 2012, mainly due to an increase in the average price of this group by 16.4%.
- The “Food and non-alcoholic beverages” group contributed 44.8% to the overall annual percentage change in prices in 2012, while prices for this group increased by 2.9%, mainly due to its large weight in the composition of the index.
- The “Clothes and footwear” group contributed 13.2% to the overall annual percentage change in prices in 2012, due to an increase in the average prices of this group by 1.9%.
- The “Housing, water, electricity, gas and other fuels” group contributed -45.7% to the overall annual percentage change in prices in 2012. The reduction was mainly due to the large weight of their group and a decline of -1.3% in the prices of the group.

**Figure 1.3.1. Annual Rates of Inflation**

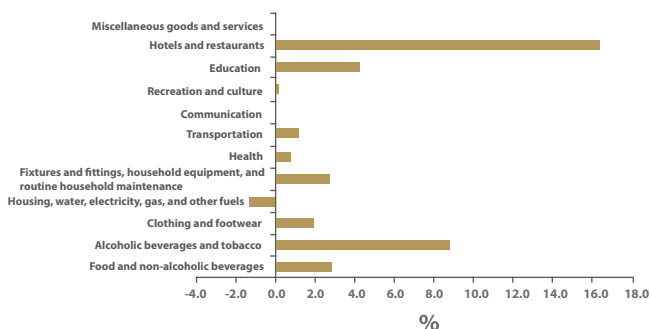


### 1.3.1. Contribution of Different Expenditure Groups to the Overall Annual Percentage Change in Prices in 2012 Compared with 2011 (%)

Major Expenditure Groups	Weight (100.0)	Relative Change	Contribution
Food and non-alcoholic beverages	16.1	2.9	44.8
Alcoholic beverages and tobacco	0.3	8.8	2.0
Clothing and footwear	9.8	1.9	13.2
Housing, water, electricity, gas, and other fuels	37.9	-1.3	-45.7
Fixtures and fittings, household equipment, and routine household maintenance	4.8	2.7	11.5
Health	0.8	0.7	0.5
Transportation	9.7	1.1	9.7
Communication	7.7	0.0	-0.2
Recreation and culture	2.4	0.0	0.1
Education	2.6	4.2	12.5
Hotels and restaurants	3.4	16.4	51.8
Miscellaneous goods and services	4.6	-0.1	-0.2

Source: Statistics Centre - Abu Dhabi

**Figure 1.3.2. Relative Change in Average Prices for the Main Expenditure Groups in 2012 Compared with 2011**



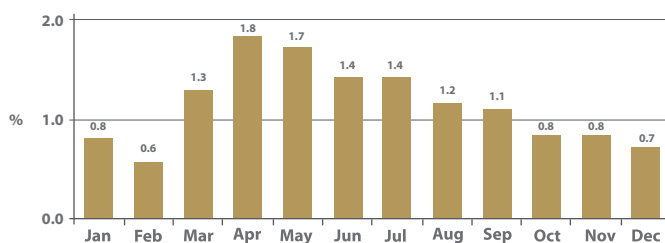
### 1.3.2. Percentage Change in the Prices of the Main Expenditure Groups

(2007=100)

Groups of Commodities and Services	Weight (100.0)	Percentage Change	
		2011	2012
Food and non - alcoholic beverages	16.1	7.5	2.9
Alcoholic beverages and tobacco	0.3	2.5	8.8
Clothing and footwear	9.8	-13.8	1.9
Housing, water, electricity, gas and other fuels	37.9	1.5	-1.3
Furnishing, household equipment and routine household maintenance	4.8	3.9	2.7
Health	0.8	0.0	0.7
Transport	9.7	5.1	1.1
Communication	7.7	3.7	0.0
Recreation and culture	2.4	1.0	0.0
Education	2.6	4.5	4.2
Restaurant and hotels	3.4	3.3	16.4
Miscellaneous goods and services	4.6	2.0	-0.1

Source: Statistics Centre - Abu Dhabi

Figure 1.3.3. Annual Inflation Rates for the months of 2012



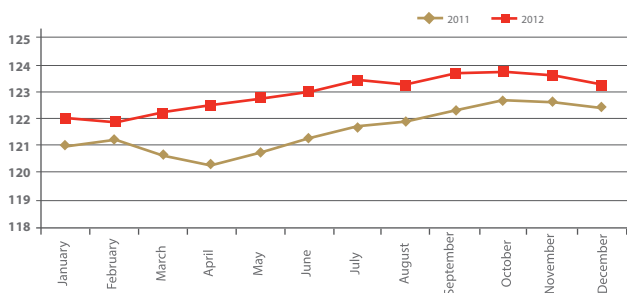
### 1.3.3. Monthly CPI

(2007=100)

Month	2011		2012	
	CPI	Current Month - Previous Month	CPI	Current Month - Previous Month
January	121.0	0.1	122.0	-0.4
February	121.2	0.2	121.9	-0.1
March	120.7	-0.5	122.2	0.3
April	120.3	-0.4	122.5	0.3
May	120.7	0.4	122.8	0.3
June	121.3	0.6	123.0	0.3
July	121.7	0.4	123.4	0.4
August	121.9	0.2	123.3	-0.1
September	122.3	0.5	123.7	0.4
October	122.7	0.4	123.7	0.1
November	122.6	-0.1	123.6	-0.1
December	122.4	-0.2	123.3	-0.4

Source: Statistics Centre - Abu Dhabi

Figure 1.3.4. Monthly CPI



### 1.3.4. CPI and Inflation Rates

Year	CPI	Inflation Rate (%)
2007	100.0	-
2008	114.9	14.9
2009	115.8	0.8
2010	119.3	3.1
2011	121.6	1.9
2012	122.9	1.1

**Source:** Statistic Centre - Abu Dhabi

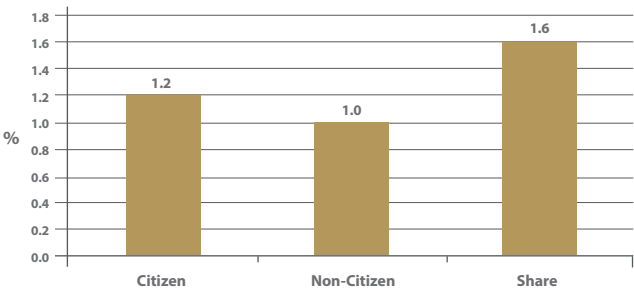
### 1.3.5. Average CPI Values by Household Type

(Price in AED)

Year	Citizen	Non-Citizen	Share
2011	121.0	122.3	121.3
2012	122.5	123.5	123.3
Relative Change %	1.2	1.0	1.6

**Source:** Statistics Centre - Abu Dhabi

**Figure 1.3.5. Relative Change for Average CPI values by Household Type in 2012 Compared with 2011**





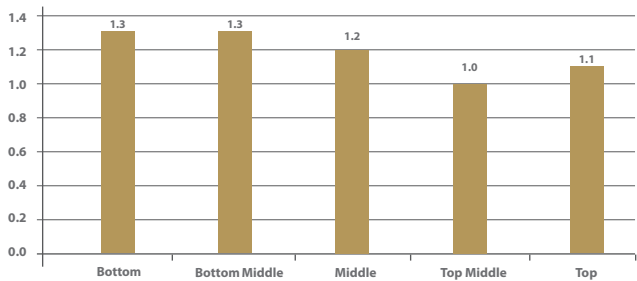
1.3.6. Average CPI Values by Household Welfare Level for 2011 and 2012

(Price in AED)

Year	Bottom	Bottom-Middle	Middle	Top-Middle	Top
2011	121.9	122.6	122.5	122.1	120.6
2012	123.5	124.2	123.9	123.3	121.9
Relative Change %	1.3	1.3	1.2	1.0	1.1

Source: Statistic Centre - Abu Dhabi

Figure 1.3.6. Relative Change for Average CPI Values by Household Welfare Level in 2012 Compared with 2011



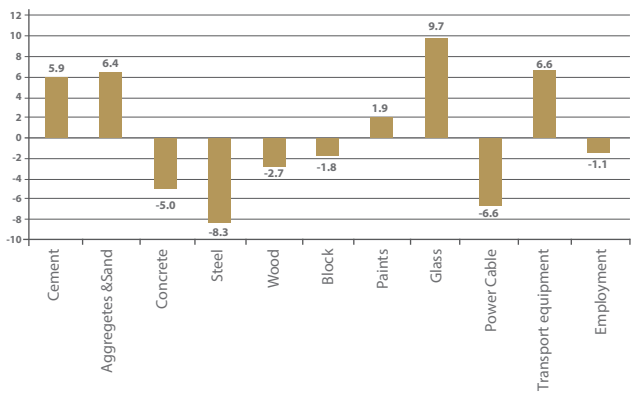
### 1.3.7. Percentage Change in the Average Prices of the Main Groups of Building Materials in 2012 Compared with 2011

(Price in AED)

Groups	Percentage Change (%)
Cement	5.9
Aggregates & sand	6.4
Concrete	-5.0
Steel	-8.3
Wood	-2.7
Block	-1.8
Roofing materials	0.7
Waterproofing products	4.5
Waterproofing bituminous membrane	
Natural stone	-4.5
Tiles and marble	0.1
Sanitary ware	
Bathroom set without accessories	8.9
Bathroom set with accessories	0.7
Sink stainless steel with mixer-single	3.7
False ceiling	0.4
Paints	1.9
Glass	9.7
Pipes	
(PVC) Pipes	-13.2
(UPVC) Pipes	-2.8
Wires	
Small building	-13.5
Apartments	-19.2
Residential towers	-7.0
Power cable	-6.6
Transport equipment	6.6
Employment / with all services	-1.1
Diesel	0.0

Source: Statistic Centre - Abu Dhabi

**Figure 1.3.7 Percentage Change in Average Prices of the Main Groups of Building Materials in 2012 Compared with 2011**



## 1.4. Financial Statistics

Financial intermediation is an important productive activity, which plays a vital role in the development of the emirate of Abu Dhabi, and acts as the main financing vehicle for other economic activities. This section provides key indicators of 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.

Financial and insurance activities contributed 3.8% to the GDP in 2012, compared with 3.9% in 2011. Registered banks dominated financial intermediation in Abu Dhabi, although there are a substantial number of non-bank financial institutions, such as holding companies, trusts, and financial leasing institutions. The majority of Abu Dhabi's registered banks are subsidiaries or branches of overseas banks. The number of registered banks on December 31, 2012 totaled 51 banks, of which seven are based in Abu Dhabi.

This section shows that the total value of shares traded on the Abu Dhabi Securities Exchange during 2012 amounted to AED 22.3 billion and 2.4% of GDP. The market capitalization of shares in the Abu Dhabi stock market in 2012 rose by 8.9% compared with 2011 despite the continued decrease in the total value of traded shares and the decrease in the listed companies from 67 to 66 over the same period.

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

Indicators	2009	2010	2011	2012*
Share in GDP at current prices (%)	5.6	4.6	3.9	3.8
Share in non-oil GDP at current prices (%)	10.2	9.1	9.1	8.8
Gross output (% of GDP at current prices)	6.5	5.6	4.7	4.6
Capital formation (% of GDP at current prices)	0.7	0.9	0.4	0.4
Compensation of employees (Million AED)	5,525	7,743	7,998	8,319

Source: Statistics Centre-Abu Dhabi

\*Preliminary estimates

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

Indicators	2005	2010	2011	2012
Total listed domestic companies	55	61	64	63
Total listed foreign companies	4	3	3	3
Market capitalization (Billion AED)	486.4	283.9	262	285.2
Market capitalization (% of GDP at current prices)	126.9	44.4	30.9	31.3*
Value traded (Billion AED)	104.7	32.5	24.9	22.3
Value traded (% of GDP at current prices)	27.3	5.1	2.9	2.4*
Shares Turnover Ratio(%)	24.0	24.5	24.3	21.0
(No. of Domestic Traded Shares / No. of Domestic Issued shares)				

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

\*Preliminary estimates

## 1.5. Government Finance

Government financial statistics in this section includes revenues and expenditures of the Abu Dhabi Government. The revenue in 2012 increased by 11.9% compared with 2011. The increase could mainly be attributed to capital revenue, department collections revenue and Petroleum royalties and tax revenue which rose by 39.2%, 15.2% and 10.7% respectively.

Current expenditure as a percentage of total public expenditure increased from 49.1% in 2011 to 51.5% in 2012. The sub items of current transfers, goods and services and salaries and wages contributed 32.2%, 9% and 10.3% of total current expenditure.

Capital expenditure as a percentage of total public expenditure decreased from 50.9% in 2011 to 48.5% in 2012. The sub items of capital transfers, development expenditures on government projects and capital expenditure on goods and services contributed 25.1%, 6.4% and 17.0% of total capital expenditure.

### 1.5.1. Percentage Distribution of Government Revenues

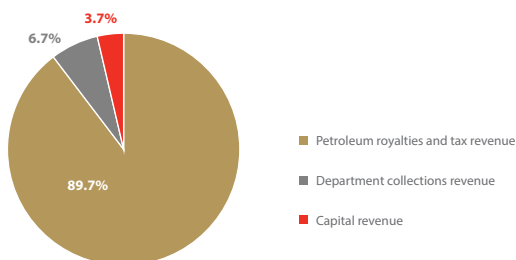
(%)

Item	2005	2010	2011	2012*
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Petroleum royalties and tax revenue	85.9	82.6	90.6	89.7
Department collections revenue	11.6	7.3	6.5	6.7
Capital revenue	2.5	10.1	2.9	3.7

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

Figure 1.5.1 Percentage Distribution of Government Revenues, 2012



### 1.5.2. Percentage Distribution of Public Expenditures

(%)

Item	2005	2010	2011	2012*
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Current expenditures</b>	<b>77.6</b>	<b>48.5</b>	<b>49.1</b>	<b>51.5</b>
Salaries and wages	15.4	11.3	10.8	10.3
Goods and services	15.2	9.6	11.4	9.0
Current transfers	47.0	27.6	26.8	32.2
<b>Capital expenditures</b>	<b>22.4</b>	<b>51.5</b>	<b>50.9</b>	<b>48.5</b>
Development expenditures on government projects	12.8	9.1	9.7	6.4
Capital expenditures on goods & services	1.0	17.7	17.8	17.0
Capital transfers	8.6	24.8	23.4	25.1

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

### 1.5.3. Percentage Distribution of Public Expenditures by Type

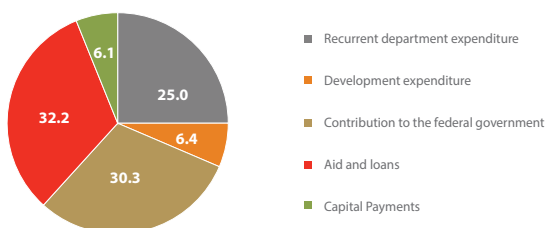
(%)

Item	2005	2010	2011	2012*
<b>Total expenditure</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Recurrent department expenditure	23.7	25.4	26.8	25.0
Development expenditure	11.8	9.1	9.7	6.4
Contribution to the federal government	42.4	32.2	30.9	30.3
Aid and loans	18.2	23.0	25.7	32.2
Capital payments	3.9	10.3	6.9	6.1

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

Figure 1.5.2. Percentage Distribution of Public Expenditure by Type, 2012



## 1.6. Wages and Compensation

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

Employee's compensation at current prices increased from AED 150,427 million in 2011 to AED164,128 million in 2012. The main economic activities contributing to the growth in 2012 were "Mining and quarrying" (includes crude oil and natural gas), and "Construction" with increases of 16.2% and 8.8% respectively.

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

(Million AED)

Economic Activity	2005	2010	2011	2012*
<b>Total</b>	<b>55,877</b>	<b>138,576</b>	<b>150,427</b>	<b>164,128</b>
Agriculture, forestry and fishing	1,664	1,394	1,571	1,637
Mining and quarrying (includes crude oil and natural gas)	3,843	8,265	9,293	10,800
Manufacturing	4,617	11,044	12,086	13,548
Electricity, gas, and water supply; waste management	1,051	2,176	2,157	2,286
Construction	7,641	23,638	25,493	27,729
Wholesale and retail trade; repair of motor vehicles and motorcycles	6,232	8,281	8,874	9,930
Transportation and storage	2,724	6,934	7,361	7,946
Accommodation and food services	1,228	3,172	3,425	3,699
Information and communication	1,759	4,740	4,924	5,234
Financial and insurance	2,776	7,743	7,998	8,319
Real estate	519	1,692	1,895	2,122
Professional, scientific and technical	3,889	9,449	9,943	11,245
Administrative and support services	1,652	3,388	4,043	4,385
Public administration and defence; compulsory social security	10,324	30,662	33,506	34,846
Education	3,377	6,334	7,695	8,855
Human health and social work	1,176	6,883	7,220	8,304
Arts, recreation and other services	493	1,210	1,155	1,223
Activities of households as employers	913	1,572	1,787	2,019
Imputed bank services	0	0	0	0

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	2005	2010	2011	2012*
<b>Total</b>	<b>19.4</b>	<b>28.8</b>	<b>8.6</b>	<b>9.1</b>
Agriculture, forestry and fishing	8.4	-3.0	12.7	4.2
Mining and quarrying (includes crude oil and natural gas)	23.1	3.4	12.4	16.2
Manufacturing	19.9	8.1	9.4	12.1
Electricity, gas, and water supply; waste management	20.7	15.9	-0.9	6.0
Construction	15.8	46.2	7.8	8.8
Wholesale and retail trade; repair of motor vehicles and motorcycles	29.0	25.4	7.2	11.9
Transportation and storage	91.3	35.8	6.2	8.0
Accommodation and food services	24.4	55.7	8.0	8.0
Information and communication	76.5	13.3	3.9	6.3
Financial and insurance	23.6	40.1	3.3	4.0
Real estate	25.8	-13.9	12.0	12.0
Professional, scientific and technical	25.8	58.5	5.2	13.1
Administrative and support services	26.3	-10.0	19.4	8.4
Public administration and defence; compulsory social security	2.8	49.1	9.3	4.0
Education	8.8	4.8	21.5	15.1
Human health and social work	8.4	22.1	4.9	15.0
Arts, recreation and other services	13.4	17.2	-4.5	5.8
Activities of households as employers	3.7	4.6	13.7	13.0
Imputed bank services	0.0	0.0	0.0	0.0

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	2005	2010	2011	2012*
<b>Total</b>	<b>14.6</b>	<b>21.7</b>	<b>17.8</b>	<b>18.0</b>
Agriculture, forestry and fishing	0.4	0.2	0.2	0.2
Mining and quarrying (includes crude oil and natural gas)	1.0	1.3	1.1	1.2
Manufacturing	1.2	1.7	1.4	1.5
Electricity, gas, and water supply; waste management	0.3	0.3	0.3	0.3
Construction	2.0	3.7	3.0	3.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	1.6	1.3	1.0	1.1
Transportation and storage	0.7	1.1	0.9	0.9
Accommodation and food services	0.3	0.5	0.4	0.4
Information and communication	0.5	0.7	0.6	0.6
Financial and insurance	0.7	1.2	0.9	0.9
Real estate	0.1	0.3	0.2	0.2
Professional, scientific and technical	1.0	1.5	1.2	1.2
Administrative and support services	0.4	0.5	0.5	0.5
Public administration and defence; compulsory social security	2.7	4.8	4.0	3.8
Education	0.9	1.0	0.9	1.0
Human health and social work	0.3	1.1	0.9	0.9
Arts, recreation and other services	0.1	0.2	0.1	0.1
Activities of households as employers	0.2	0.2	0.2	0.2

Source: Statistics Centre - Abu Dhabi

\* Preliminary estimates

## 1.7. Foreign Investment

The Abu Dhabi Government is taking steps to establish favorable conditions that will enhance investor confidence in the economy. A transparent tax structure, with a supporting judicial system, investment encouraging business legislation and industrial zones enhances international investor perception about business opportunities in the Emirate.

The value of Foreign Direct Investment (FDI) at the end of 2011 was AED 52,232 million, up from AED 48,446 million at the end of 2010. This increase could mainly be attributed to “Real estate and business services” (including real estate sales to non-residents), which attracted FDI worth AED 22,057 million at the end of 2011, compared with AED 18,964 million at the end of 2010. “Manufacturing industries” accounted for the second largest share of total FDI, with 17.6% at the end of 2011 and 15% at the end of 2010.

FDI from the GCC region amounted to AED 2,240 million or 4.3% of total FDI at the end of 2011 compared with AED 1,768 million or 3.6% at the end of 2010. Investments from other Arab countries totaled AED 6,614 million or 13.7% and AED 4,822 million or 9.2% of FDI for the Years 2010 and 2011, respectively. European countries accounted for the largest proportion of FDI in the Emirate of Abu Dhabi. Investment from these countries increased from AED 13,030 million at the end of 2010 to AED 13,664 million at the end of 2011, or by 4.9%.

Total portfolio investment in the Emirate of Abu Dhabi consisting of equity securities but excluding debt securities, amounted to AED 3,874 million in 2011, up from AED 3,122 million in 2010 by 24.1%. The “Financial institutions and insurance” activity contributed the largest proportion of portfolio investments amounting to AED 2,122 million or 54.8 % in 2011 and AED 1,901 million or 60.9 % in 2010. The second largest contributor was the “Real estate and business services” activity, with investments amounting to AED 1,514 million or 39.1 % in 2011 and AED 1,146 million or 36.7 % of total portfolio investments in 2010.

Other investment (including debt securities) amounted to AED 179,662 million at the end of 2011 compared with AED 160,943 million at the end of 2010. The increase in inward other investment could mainly be attributed to the “Financial institutions and insurance” activity which rose from AED 119,878 million or 74.5 % of total other investment in 2010, to AED 139,397 million or 77.6 % in 2011.

### 1.7.1. Total Foreign Investment by Economic Activity

(Million AED)

Economic Activity	2008	2009	2010	2011
<b>Total</b>	<b>239,142</b>	<b>237,519</b>	<b>212,511</b>	<b>235,768</b>
Mining and quarrying	5,653	3,597	2,726	1,992
Manufacturing industries	7,727	6,572	8,963	10,926
Electricity, gas and water	23,281	25,749	18,509	19,062
Construction	2,427	5,025	4,194	5,162
Wholesale retail trade and repairing services	282	425	177	191
Restaurants and hotels	4	4	7	9
Transport, storage and communication	9,917	10,343	16,685	15,404
Financial institutions and insurance	158,362	146,683	130,115	147,653
Real estate and business services*	31,425	39,043	31,042	35,118
Education	7	31	28	29
Health	26	29	28	193
Social and personal services	32	19	38	30

**Source:** Statistics Centre - Abu Dhabi

**Note:** Figures may not sum to totals due to rounding

\* Includes real estate sales to non-residents

### 1.7.2. Foreign Direct Investment by Economic Activity as a Percentage of the GDP at Current Prices

(%)

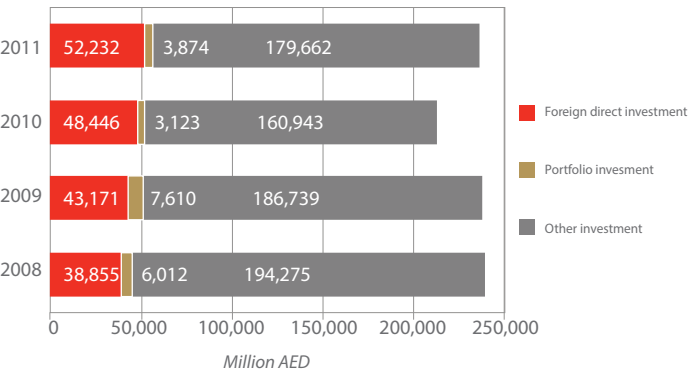
Economic Activity	2008	2009	2010	2011
<b>Total</b>	<b>5.5</b>	<b>8.1</b>	<b>7.6</b>	<b>6.2</b>
Mining and quarrying	0.5	0.6	0.4	0.2
Manufacturing industries	0.5	0.9	1.1	1.1
Electricity, gas and water	0.7	1.1	1.0	0.8
Construction	0.2	0.4	0.5	0.5
Wholesale retail trade and repairing services	0.0	0.1	0.0	0.0
Restaurants and hotels	0.0	0.0	0.0	0.0
Transport, storage and communication	0.5	0.6	0.3	0.3
Financial institutions and insurance	1.4	1.2	1.3	0.7
Real estate and business services*	1.8	3.2	3.0	2.6

**Source:** Statistics Centre - Abu Dhabi

**Note:** Figures may not sum to totals due to rounding

\* Includes real estate sales to non-residents

Figure 1.7.1. Total Foreign Investment



1.7.3. Foreign Direct Investment by Economic Activity

( Million AED)

Economic Activity	2008	2009	2010	2011
Total	38,855	43,171	48,446	52,232
Mining and quarrying	3,296	3,436	2,643	1,886
Manufacturing industries	3,533	4,692	7,259	9,180
Electricity, gas and water	5,182	5,886	6,140	6,423
Construction	1,087	1,886	3,000	3,958
Wholesale retail trade and repairing services	282	392	140	148
Restaurants and hotels	4	4	7	9
Transport, storage and communication	3,218	3,419	1,872	2,195
Financial institutions and insurance	9,568	6,422	8,336	6,134
Real estate and business services*	12,620	16,965	18,964	22,057
Education	7	22	19	19
Health	26	29	28	193
Social and personal services	32	19	38	30

Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding

\* Includes real estate sales to non-residents

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

( Million AED)

Economic Activity	2008	2009	2010	2011
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Mining and quarrying	8.5	8.0	5.5	3.6
Manufacturing industries	9.1	10.9	15.0	17.6
Electricity, gas and water	13.3	13.6	12.7	12.3
Construction	2.8	4.4	6.2	7.6
Wholesale retail trade and repairing services	0.7	0.9	0.3	0.3
Transport, storage and communication	8.3	7.9	3.9	4.2
Financial institutions and insurance	24.6	14.9	17.2	11.7
Real estate and business services*	32.5	39.3	39.1	42.2
Education	0.0	0.1	0.0	0.0
Health	0.1	0.1	0.1	0.4
Social and personal services	0.1	0.0	0.1	0.1

Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding

\* Includes real estate sales to non-residents

#### 1.7.5. Foreign Direct Investment by Top Ten Countries

( Million AED)

Countries	2010		2011	
	Value	%	Value	%
<b>Total</b>	<b>48,446</b>	<b>100</b>	<b>52,232</b>	<b>100</b>
Australia	4,831	10.0	6,164	11.8
United Kingdom	5,898	12.2	5,311	10.2
France	3,476	7.2	4,320	8.3
Japan	3,280	6.8	2,896	5.5
Netherlands	1,493	3.1	1,729	3.3
Libya	2,124	4.4	1,596	3.1
Germany	1,268	2.6	1,414	2.7
United States	969	2.0	1,144	2.2
Saudi Arabia	301	0.6	1,025	2.0
Jordan	880	1.8	912	1.7
Other countries*	23,927	49.4	25,721	49.2

Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding

\* Includes real estate sales to non-residents

### 1.7.6. Foreign Direct Investment by Region

(Million AED)

Region	2008	2009	2010	2011
<b>Total</b>	<b>38,855</b>	<b>43,171</b>	<b>48,446</b>	<b>52,232</b>
GCC countries	5,736	3,786	1,768	2,240
Other Arab countries	2,690	2,900	6,614	4,822
Other Asian countries	986	6,241	4,144	4,156
Other African countries	81	224	1	1
European countries	9,459	9,877	13,030	13,664
North America	1,517	2,059	1,128	1,251
Latin America	227	226	14	422
Other regions*	18,158	17,859	21,746	25,675

**Source:** Statistics Centre - Abu Dhabi

**Note:** Figures may not sum to totals due to rounding

\* Includes real estate sales to non-residents

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

(Million AED)

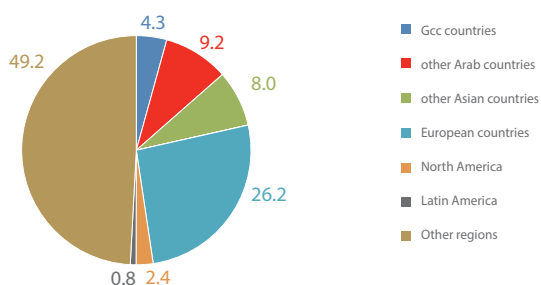
Region	2008	2009	2010	2011
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
GCC countries	14.8	8.8	3.6	4.3
Other Arab countries	6.9	6.7	13.7	9.2
Other Asian countries	2.5	14.5	8.6	8.0
Other African countries	0.2	0.5	0.0	0.0
European countries	24.3	22.9	26.9	26.2
North America	3.9	4.8	2.3	2.4
Latin America	0.6	0.5	0.0	0.8
Other regions*	46.7	41.4	44.9	49.2

**Source:** Statistics Centre - Abu Dhabi

**Note:** Figures may not sum to totals due to rounding

\* Includes real estate sales to non-residents

**Figure 1.7.2. Percentage Distribution of Foreign Direct Investment by Region, 2011**



### 1.7.8. Other Investments by Economic Activity

( Million AED)

Economic Activity	2008	2009	2010	2011
<b>Total</b>	<b>194,275</b>	<b>186,739</b>	<b>160,943</b>	<b>179,662</b>
Mining and quarrying	2,357	161	83	106
Manufacturing industries	4,194	1,880	1,704	1,746
Electricity, gas and water	18,099	19,863	12,369	12,639
Construction	1,184	2,699	1,118	966
Wholesale retail trade and repairing services	0.4	33	37.0	43
Transport, storage and communication	6,699	6,924	14,813	13,209
Financial institutions and insurance	147,074	138,620	119,878	139,397
Real estate and business services	14,669	16,549	10,932	11,547
Education	0	9	9	10

Source: Statistics Centre - Abu Dhabi

Note: Figures may not sum to totals due to rounding

### 1.7.9. Percentage Distribution of Other Investments by Economic Activity

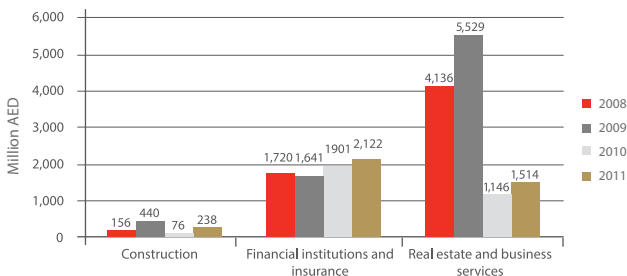
( Million AED)

Economic Activity	2008	2009	2010	2011
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Mining and quarrying	1.2	0.1	0.1	0.1
Manufacturing industries	2.2	1.0	1.1	1.0
Electricity, gas and water	9.3	10.6	7.7	7.0
Construction	0.6	1.4	0.7	0.5
Transport, storage and communication	3.4	3.7	9.2	7.4
Financial institutions and insurance	75.7	74.2	74.5	77.6
Real estate and business services	7.6	8.9	6.8	6.4
Education	0.0	0.0	0.0	0.0

Source: Statistics Centre - Abu Dhabi


Note: Figures may not sum to totals due to rounding

Figure 1.7.3. Portfolio Investments by Economic Activity







The background of the slide is a monochromatic, sepia-toned image. It features a large, intricate gear mechanism on the left side, with a person's face partially visible in the upper center, looking downwards. The overall aesthetic is industrial and historical.

## 2. Industry and Business

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

## 02. 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, and the average daily production is one of the most important indicators in the field of oil and natural gas. The average daily production of crude oil totaled 2,591 thousand barrels per day in 2012 compared with 2,502 thousand barrels per day in 2011, an increase of 3.5%.

About 50,381 GWH of electrical power were available in 2012, an increase of 8.7% compared with 2011. Electrical power consumption in 2012 was 47,117 GWH, an increase of 8.9% compared with 2011.

In the Tourism activity, the total number of hotel establishments was 130 in 2012, an increase of 0.8% compared with 2011. Over the same period, the number of guests increased by 13.1%, the number of rooms by 3.5% and the occupancy rate by 5.4%, while the average length of stay reached 3.0 nights.

In the Transport activity, the number of passengers travelling through the Emirate's airports totaled 15.0 million during 2012 compared with 12.6 million during 2011.

In the Information and Communication activity, the number of mobile cellular subscriptions increased from 171 per 100 inhabitants in 2011 to 189 per 100 inhabitants in 2012, an increase of 10.5%.

2012	Total Number of Business Licenses (New & renewed)	74,595
	Average Daily Oil Production (Thousand Barrels)	2,591
	Average Daily Gas Production (Million Cubic Feet), 2012	7,628
	Total of Available Electricity in the Emirate of AD (GWH)	50,381
	Total of Available Desalinated Water in the Emirate of AD (Million Imperial Gallons)	238,605
	Motor Vehicles Licensed in the Emirate of Abu Dhabi	785,076
	Number of Passengers Using the Emirate's Airports (Million)	15.0
	Mobile Cellular Subscribers Per 100 Inhabitants	189
	Fixed broadband subscribers per 100 Inhabitants	11
	Number of Hotel Establishments	130
	Number of Hotel Establishments Guests (Thousand)	2,388

## 2.1. Business Environment

The 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 the "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.

Renewed registered business licenses totaled 7,689 establishments in 2012, while canceled business licenses in the same Year amounted to 2,477 establishments.

### 2.1.1. General Indicators of the Business Environment

Indicators	2009	2010	2011	2012
Number of registered new business licenses	10,333	9,023	8,539	7,689
Number of renewed business licenses	64,482	67,821	68,043	66,906
Number of canceled business licenses	1,583	2,268	2,550	2,477

Source : Department of Economic Development

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

Indicators	2009	2010	2011	2012*
Share in GDP (%)	5.2	4.5	3.3	3.5
Share in non-oil GDP (%)	9.5	8.8	7.8	8.1
Gross Output (% of GDP)	6.5	5.9	4.5	4.7
Capital Formation (% of GDP)	0.3	0.2	0.2	0.2
Compensation of Employees (Million AED)	6,603	8,281	8,874	9,930

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.

Manufacturing activity accounted for 5.9% of the GDP and 13.4% of the non-oil GDP in 2012. The value added of the manufacturing activity increased by 33.9%, rising from AED 35,813 million in 2010 to AED 47,967 million in 2011.

### 2.2.1. Key Statistics of the Manufacturing Activity

Indicators	2009	2010	2011	2012*
Share in GDP at current prices (%)	5.6	5.6	5.7	5.9
Share in non-oil GDP at current prices (%)	10.1	11.1	13.3	13.4
Gross output (% of GDP at current prices)	18.4	20.6	21.0	21.3
Capital formation (% of GDP at current prices)	4.8	4.5	3.3	3.4
Compensation of employees (Million AED)	10,220	11,044	12,086	13,548

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	2010		2011	
	Gross Output	Value Added	Gross Output	Value Added
<b>Total</b>	<b>131,590</b>	<b>35,813</b>	<b>177,542</b>	<b>47,967</b>
Food, beverages and tobacco	6,275	2,246	6,888	2,461
Textiles, garments and leather products	2,172	1,319	1,927	1,081
Wood and wood products	853	101	606	124
Paper, printing, publishing and reproduction media	927	553	901	507
Chemicals and plastics and related products	76,012	15,987	110,356	22,548
Non-metallic mineral products (except oil)	12,004	4,117	12,562	3,978
Manufacture of basic metal	9,864	1,196	16,312	4,830
Structural metal products except machinery and equipment	10,552	5,113	11,702	4,978
Machinery, equipment and devices	7,206	1,850	9,324	3,926
Furniture	866	430	917	454
Repair and installation of machinery, equipment and other manufacturing	4,858	2,900	6,047	3,081

Source: Statistics Centre - Abu Dhabi

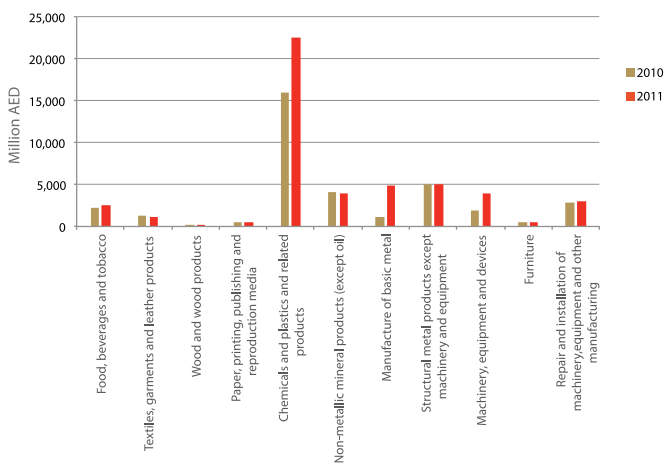
### 2.2.3. Gross Fixed Capital Formation of the Manufacturing Activity

(Million AED)

Type of Manufacturing Activity	2010	2011
<b>Total</b>	<b>28,740</b>	<b>28,278</b>
Food, beverages and tobacco	244	493
Textiles, garments and leather products	37	16
Wood and wood products	-1	-128
Paper, printing, publishing and reproduction media	25	4
Chemicals and plastics and related products	15,265	23,114
Non-metallic mineral products (except oil)	3,086	433
Manufacture of basic metal	8,602	2,765
Structural metal products except machinery and equipment	301	930
Machinery, equipment and devices	743	251
Furniture	48	44
Repair and installation of machinery, equipment and other manufacturing	391	356

Source: Statistics Centre - Abu Dhabi

Figure 2.2.1. Value Added of the Manufacturing Activity



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

Indicators	2009	2010	2011	2012
Share in GDP at current prices (%)	0.2	0.2	0.6	0.6*
Share in non-oil GDP at current prices (%)	0.3	0.4	1.3	1.4*
Gross output (% of GDP at current prices)	1.2	1.5	1.9	2.1*
Capital formation (% of GDP at current prices)	2.2	1.3	0.3	0.3*
Compensation of employees (Million AED)	706	979	1,172	1,403*
Imports (% of total imports)	12.3	15.2	16.7	14.6
Exports (% of total non-oil exports)	5.3	11.1	19.1	27.4

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

## 2.3. 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 948,200 thousand barrels in 2012, an increase of 3.8% compared with 2011, while the annual production of natural gas rose by 21.1% to 2,791,815 million cubic feet in 2012. The annual production of refined petroleum products totaled 20,658 thousand metric tons over the same period.

### 2.3.1. Key Statistics of Oil and Gas Activity

Indicators	2009	2010	2011	2012
Share in GDP at current prices (%)	44.0	49.1	56.9	56.1*
Gross output (% of GDP at current prices)	45.7	50.5	58.2	57.5*
Capital formation (% of GDP at current prices)	6.3	4.9	2.8	2.6*
Compensation of employees (Million AED)	6,716	7,043	7,855	9,133*
Imports (% of total imports)	3.0	4.0	4.0	4.6
Exports (% of total exports)	91.5	92.4	94.8	93.7

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates



### 2.3.2. Crude Oil Production and Exports

(Thousand Barrels)

	2009	2010	2011	2012
<b>Production</b>				
Volume	795,991	825,291	913,191	948,200
Daily average	2,181	2,261	2,502	2,591
<b>Exports</b>				
Volume	712,994	744,525	833,070	873,515
Daily average	1,953	2,040	2,282	2,387
<b>Total number of production oil wells</b>	1,896	1,962	1,999	2,034

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

**Note:** Production excludes condensates

### 2.3.3. Crude Oil Prices by Type

(\$/Barrel)

Type of Crude	2009	2010	2011	2012
Murban	63.5	79.2	110.6	113.0
Umm Al-Shaif	62.3	78.7	110.0	112.3
Lower Zakum	63.5	79.0	110.4	112.7
Upper Zakum	61.4	77.3	107.0	110.5
Price Average	62.7	78.5	109.5	112.1

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

### 2.3.4. Natural Gas Production

(Million cubic feet)

	2009	2010	2011	2012
<b>Production</b>				
Annual production	1,777,720	2,174,057	2,305,798	2,791,815
Daily production	4,870	5,956	6,317	7,628

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

### 2.3.5. Production and Exports of Liquefied Natural Gas Products

(Thousand Metric Tons)

Type of Products	2011		2012	
	Production	Exports	Production	Exports
<b>Total</b>	<b>19,582</b>	<b>19,231</b>	<b>19,910</b>	<b>19,606</b>
LNG	5,888	5,759	5,760	5,601
Propane	4,509	4,423	4,734	4,643
Butane	4,171	4,037	4,317	4,239
Pentane (plus)	2,772	2,822	2,888	2,835
Others (sulphur)	2,243	2,190	2,212	2,288

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

**Note:** Excluding Condensates

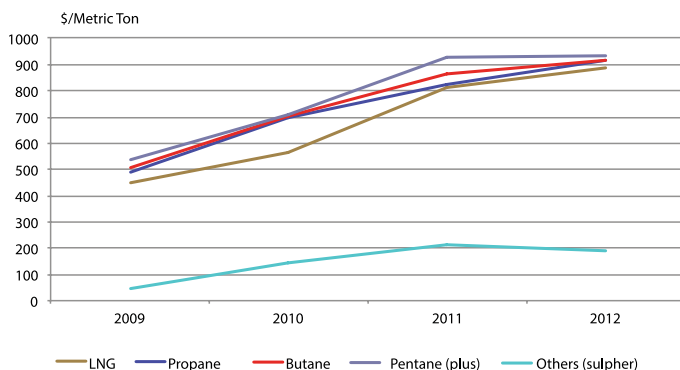
### 2.3.6. Prices of Liquefied Natural Gas Products

(\$/Metric Ton)

Type of Product	2009	2010	2011	2012
LNG	447	565	810	886
Propane	488	698	825	913
Butane	505	705	867	915
Pentane (plus)	537	708	928	933
Others (sulphur)	44	146	213	190

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

**Figure 2.3.1. Prices of Liquefied Natural Gas Products**



### 2.3.7. Production and Domestic Sales of Refined Petroleum Products

(Thousand Metric Tons)

	2009	2010	2011	2012
<b>Production</b>				
Quantity	17,461	19,223	20,702	20,658
Daily Average	47.84	52.67	56.72	56.44
<b>Domestic sales</b>				
Quantity	9,360	10,091	10,252	10,410
Daily average	25.64	27.65	28.09	28.44
<b>Exports</b>				
Quantity	7,391	8,288	10,002	10,006
Daily average	20.2	22.7	27.4	27.3
<b>Crude Oil &amp; Condensates Input (Thousand Barrels/ daily)</b>	<b>380</b>	<b>427</b>	<b>461</b>	<b>449</b>
<b>Refining capacity (Thousand Barrels/ daily)</b>	<b>500</b>	<b>505</b>	<b>505</b>	<b>505</b>

Source: Abu Dhabi National Oil Company - ADNOC

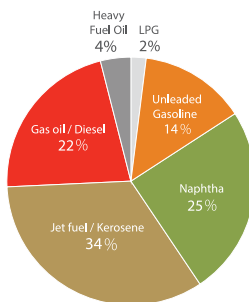
### 2.3.8. Production of Refined Petroleum Products

(Thousand Metric Tons)

Type of Product	2009	2010	2011	2012
<b>Total</b>	<b>17,461</b>	<b>19,223</b>	<b>20,702</b>	<b>20,658</b>
LPG	521.4	579.2	540.2	452.7
Unleaded gasoline	2,439.1	2,284.3	2,537.2	2,800.0
Naphtha	3,803.6	4,813.4	5,070.7	5,136.8
Jet fuel / Kerosene	5,266.6	5,684.0	6,422.1	6,920.9
Gas oil / Diesel	4,367.2	4,775.1	5,024.4	4,441.9
Heavy Fuel Oil / S.R.Residue	1,022.2	1,047.8	1,066.8	859.8
Sulphur	41.1	38.9	40.9	46.3

Source: ADNOC Co, ADNOC Fod Co, Takreer

Figure 2.3.2. Production of Refined Petroleum Products, 2012



### 2.3.9. Domestic Sales of Refined Petroleum Products

(Thousand Metric Tons)

Type of Product	2011		2012	
	Abu Dhabi Emirate	Other Emirates	Abu Dhabi Emirate	Other Emirates
<b>Total</b>	<b>8,111</b>	<b>2,141</b>	<b>8,307</b>	<b>2,103</b>
LPG	149	NIL	167	NIL
Unleaded gasoline	2,586	NIL	2,801	NIL
Jet fuel / Kerosene	1,965	582	2,121	591
Gas oil / Diesel	3,377	492	3,181	688
Heavy fuel Oil / S.R.Residue	32	1,067	27	824
Marine Bunker	2	NIL	9	NIL

Source: ADNOC Co, ADNOC Fod Co, Takreer

### 2.3.10. Export of Refined Petroleum Products

(Thousand Metric Ton)

Type of Product	2009	2010	2011	2012
<b>Total</b>	<b>7,391</b>	<b>8,288</b>	<b>10,002</b>	<b>10,006</b>
Naphtha	3,608	4,269	5,209	5,137
Jet fuel / Kerosene	2,815	3,219	3,806	4,207
Gas oil / Diesel	725	679	987	572
Heavy fuel Oil / S.R.Residue	242	121	NIL	89*

Source: Abu Dhabi National Oil Company - ADNOC

\* Export of S.R.Residue only

### 2.3.11. Export Prices of Refined Petroleum Products

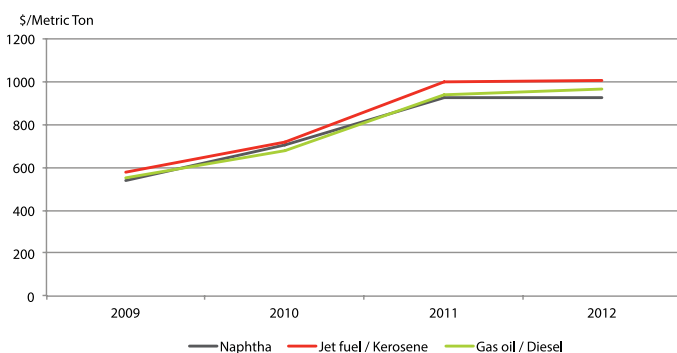
(\$/Metric Ton)

Type of Product	2009	2010	2011	2012
Naphtha	538	707	924	925
Jet fuel / Kerosene	577	720	999	1,005
Gas oil / Diesel	551	676	939	962
Heavy fuel Oil / S.R.Residue	348	474	NIL	818*

Source: Abu Dhabi National Oil Company - ADNOC

\* Export of S.R.Residue only

Figure 2.3.3. Export Prices of Refined Petroleum Products



## 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.

Domestic sales of the petrochemical industry rose from 145,645 metric tons in 2011 to 256,778 metric tons in 2012, an increase of 76.3%. The value of exports of petrochemicals products totaled 2,124,668 metric tons in 2012.

### 2.4.1. Production and Exports of Petrochemicals Products

(Metric Tons)

Type of Products	2011		2012	
	Production	Exports	Production	Exports
Total	2,789,528	2,147,658	2,780,681	2,124,668
Ammonia	465,159	49,134	397,815	41,649
Urea fertilizer	704,590	662,804	627,951	587,122
Polyethylene	1,041,747	893,618	1,118,186	963,397
Polypropylene	578,032	542,101	636,729	532,500

Source: Abu Dhabi National Oil Company - ADNOC

## 2.4.2. Domestic Sales of Petrochemical Products

(Metric Tons)

Type of Products	2009	2010	2011	2012
<b>Total</b>	<b>81,851</b>	<b>99,848</b>	<b>145,645</b>	<b>256,778</b>
Urea fertilizer	29,299	48,394	45,836	34,283
Polyethylene	52,552	47,617	69,524	126,888
Polypropylene	-	3,837	30,285	95,606

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

## 2.4.3. Export Prices of Petrochemicals Products

(\$/Metric Tons)

Type of Products	2009	2010	2011	2012
Ammonia	242	351	515	545
Urea fertilizer	284	304	440	421
Polyethylene	1,185	1,421	1,487	1,475
Polypropylene	-	1,305	1,521	1,433

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

## 2.5. 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 Gharbia regions.

The electricity and water activity performs a key role in Abu Dhabi's ambitious economic growth and development plans. Electricity and water activities provide the services that are essential to support the economic and social development of the Emirate.

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

As a result of the growing demand and urban and industrial development witnessed by the Emirate, electricity production in 2012 increased by 8.7% compared with 2011, reaching 50,381 GW/ h. Desalinated water available in the Emirate of Abu Dhabi totaled 238,605 million imperial gallons in 2012, an increase of 8.6% compared with 2011.

### 2.5.1. Key Statistics of Electricity and Water Activities

Indicators	2009	2010	2011	2012*
Share in GDP at current prices (%)	2.7	2.5	2.2	2.3
Share in non-oil GDP at current prices (%)	4.9	4.9	5.1	5.2
Gross output (% of GDP at current prices)	3.6	4.4	3.6	3.7
Capital formation (% of GDP at current prices)	3.0	2.0	1.5	1.5
Compensation of employees (Million AED)	1,749	1,945	1,953	2,051

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

### 2.5.2. Electrical Power Statistics

(MWH)

Item	2009	2010	2011	2012
Total electricity production by companies	39,219,090	41,712,189	46,314,248	50,378,419
Electricity transferred from Emal & Takreer	182,934	146,594	52,655	2,828
<b>Total</b>	<b>39,402,024</b>	<b>41,858,783</b>	<b>46,366,903</b>	<b>50,381,247</b>
Electricity exports from the Emirate of Abu Dhabi	4,685,857	2,685,643	3,115,984	3,264,421
Electricity consumption in the Emirate of Abu Dhabi*	34,716,166	39,173,140	43,250,919	47,116,826
Electricity consumption per capita	19.0	19.9	20.0	20.2
Electricity generation capacity (MW)	9,249	9,247	10,875	10,867

Source: Abu Dhabi Water and Electricity Company (ADWEC)

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



### 2.5.3. Consumption of Electricity by Region

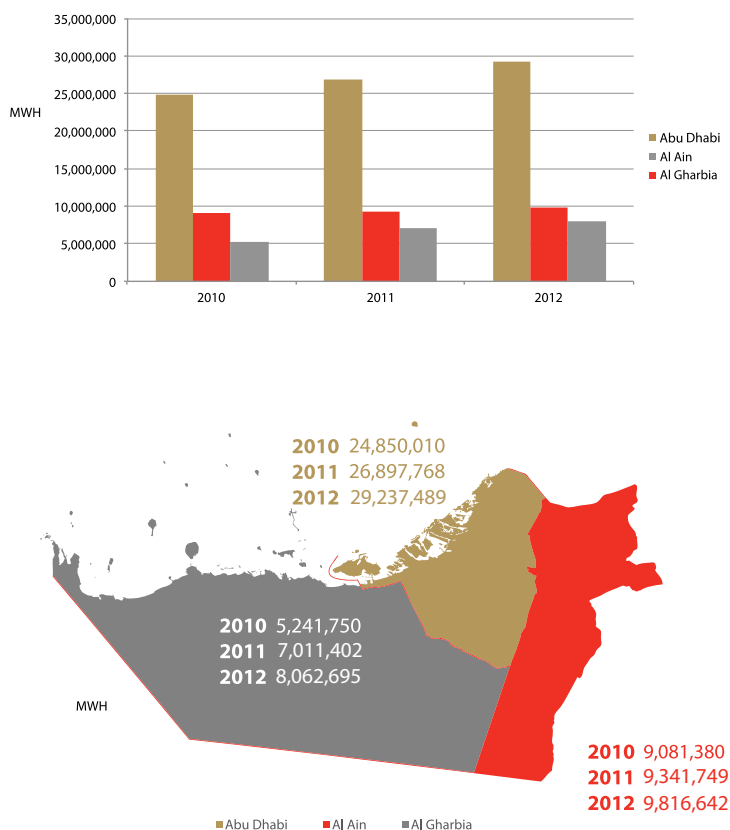
(MWH)

Region	2009	2010	2011	2012
<b>Total consumption *</b>	<b>34,716,166</b>	<b>39,173,140</b>	<b>43,250,919</b>	<b>47,116,826</b>
Abu Dhabi	22,062,262	24,850,010	26,897,768	29,237,489
Al Ain	8,474,342	9,081,380	9,341,749	9,816,642
Al Gharbia	4,179,562	5,241,750	7,011,402	8,062,695

**Source:** Abu Dhabi Water and Electricity Company (ADWEC)

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

**Figure 2.5.1. Consumption of Electricity by Region**



## 2.5.4. Percentage of Electricity Consumption by Sector

(%)

Sector	2009	2010	2011	2012
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Domestic	37.7	35.9	30.7	30.5
Commercial	31.7	32.1	28.8	29.8
Government	16.2	16.1	25.1*	23.9
Agriculture	9.2	8.2	7.0	6.1
Industry	3.7	7.2	8.0	9.3
Other	1.4	0.6	0.4	0.3

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

\* New meters were installed from 2008 and the cumulative readings were billed in 2011 for the Western Region (Al Marfa)

## 2.5.5. Percentage of the Electricity Consumption by Region and Sector, 2012

(%)

Sector	Abu Dhabi	Al Ain	Al Gharbia	Total
Domestic	63.4	30.5	6.1	100
Commercial	83.5	13.3	3.2	100
Government	52.4	17.2	30.4	100
Agriculture	6.0	68.8	25.2	100
Industry	70.0	6.0	23.9	100
Other	80.3	5.5	14.2	100

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

## 2.5.6. Fuel Consumption of the Electricity and Water Activity

Item	2009	2010	2011	2012
Natural gas ( Mscft)	451,579	450,850	511,674	554,789
Crude oil (Thousand Imperial Gallons)	47,914	134,935	37,317	0
Gas oil (Thousand Imperial Gallons)	31,658	81,202	57,206	1,267
Fuel oil (Thousand Imperial Gallons)	4,691	25	0	0

**Source:** Abu Dhabi Water and Electricity Company (ADWEC)

## 2.5.7. Fuel Consumption of the Electricity and Water Activity

(Billion BTU)

Item	2009	2010	2011	2012
<b>Total</b>	<b>483,597</b>	<b>502,487</b>	<b>543,643</b>	<b>574,709</b>
Natural gas	469,726	467,126	528,114	574,499
Crude oil	7,783	21,918	6,062	0
Gas oil	5,239	13,439	9,467	210
Fuel oil	849	4	0	0

**Source:** Abu Dhabi Water and Electricity Company (ADWEC)

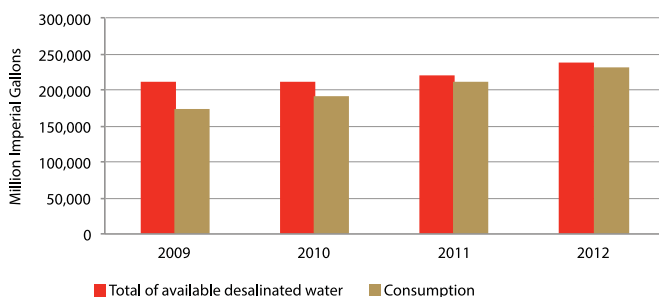
## 2.5.8. Production, Consumption and Planned Capacity of Desalinated Water

(Million Imperial Gallons )

Item	2009	2010	2011	2012
<b>Total of available desalinated water</b>	<b>211,448</b>	<b>211,793</b>	<b>219,788</b>	<b>238,605</b>
Production	185,955	183,561	187,982	194,321
Supply from Al - Fujairah station	25,493	28,232	31,806	44,284
<b>Consumption</b>	<b>173,781</b>	<b>192,028</b>	<b>211,510</b>	<b>232,999</b>
Daily consumption	476	526	579	637
Daily average per capita (Gallon)	261	267	268	273
<b>Desalinated water capacity (MG/D)</b>	<b>583</b>	<b>583</b>	<b>683</b>	<b>683</b>

**Source:** Abu Dhabi Water and Electricity Company (ADWEC)

**Figure 2.5.2. Consumption and Available Desalinated Water**



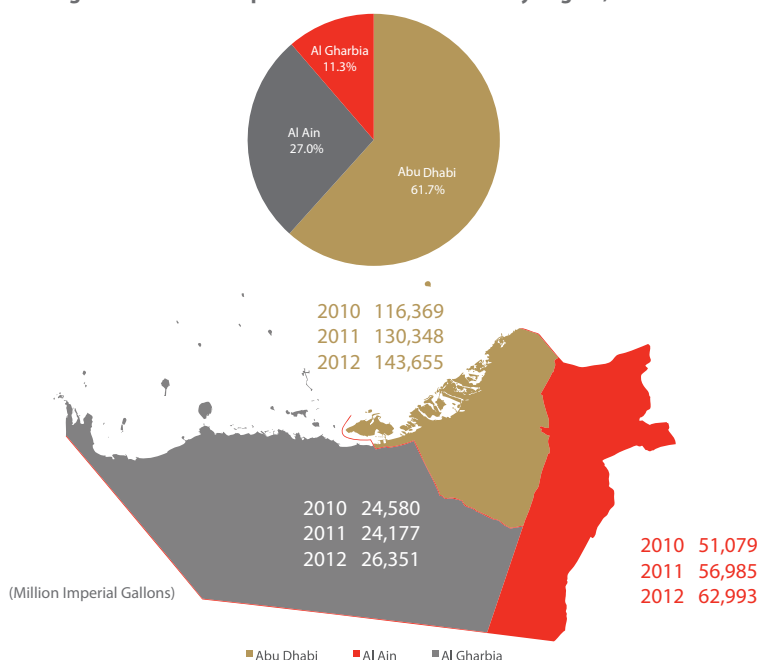
## 2.5.9. Consumption of Desalinated Water by Region

(Million Imperial Gallons)

Region	2009	2010	2011	2012
<b>Total consumption</b>	<b>173,781</b>	<b>192,028</b>	<b>211,510</b>	<b>232,999</b>
Abu Dhabi	107,837	116,369	130,348	143,655
Al Ain	41,985	51,079	56,985	62,993
Al Gharbia	23,959	24,580	24,177	26,351

**Source:** Abu Dhabi Water and Electricity Company (ADWEC)

**Figure 2.5.3. Consumption of Desalinated Water by Region, 2012**



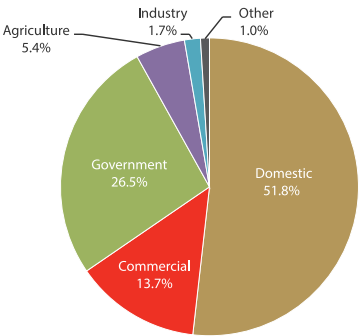
## 2.5.10. Percentage of Desalinated Water Consumption by Sector

(%)

Sector	2009	2010	2011	2012
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Domestic	43.7	55.2	54.3	51.8
Commercial	15.3	15.5	15.7	13.7
Government	32.8	22.4	22.2	26.5
Agriculture	5.2	4.0	3.2	5.4
Industry	1.4	1.5	1.9	1.7
Other	1.6	1.4	2.7	1.0

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

**Figure 2.5.4. Consumption of Desalinated Water by Sector, 2012**



**2.5.11. Percentage of Desalinated Water Consumption by Region and Sector, 2012**

(%)

Sector	Abu Dhabi	Al Ain	Al Gharbia	Total
Domestic	56.5	31.7	11.8	100
Commercial	78.6	9.6	11.8	100
Government	66.9	19.5	13.6	100
Agriculture	14.5	82.3	3.2	100
Industry	80.4	10.7	8.9	100
Other	54.5	37.4	8.1	100

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

**2.5.12. Water and Electricity Transmission Networks by Region, 2012**

(Km)

Region	Abu Dhabi	Al Ain	Al Gharbia
Length of electricity transmission lines	1,958.6	1,445.5	2,404.3
Length of water transmission pipelines	1,201.6	1,037.4	840.5

**Source:** Abu Dhabi Transmission & Despatch Company (TRANSCO)

## 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 9.6% to the GDP in 2012 compared with 9.9% in 2011. Building permits statistics show that the number of residential building permits issued in 2012 reached 11,466 an increase of 23.6% compared with 2011. In addition 7,592 non-residential building permits were issued in 2012 compared with 6,458 in 2011. The number of building permits issued for construction of new buildings represented 13% of the total number of building permits issued in 2012.

### 2.6.1. Key Statistics of the Construction Activity

Indicators	2009	2010	2011	2012*
Share in GDP at current prices (%)	14.8	12.9	9.9	9.6
Share in non-oil GDP at current prices (%)	26.8	25.7	23.1	22.1
Gross output (% of GDP at current prices)	27.4	24.4	19.8	19.7
Capital formation (% of GDP at current prices)	0.9	0.7	0.5	0.5
Compensation of employees (Million AED)	16,169	23,638	25,493	27,729

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

### 2.6.2. Number of Permits Issued by Type and Region, 2009

Type of Permits	Abu Dhabi	Al Ain	Al Gharbia
<b>Total</b>	<b>8,819</b>	<b>2,949</b>	<b>855</b>
New buildings	1,429	939	160
Permits renewal or amendments	655	472	38
Additions	2,609	956	427
Improvements and decorations	22	357	215
Temporary	3,629	24	7
Demolition	264	185	5
Others	211	16	3

Source: Department of Municipal Affairs - Municipalities of Abu Dhabi- Al Ain-Al Gharbia

### 2.6.3. Number of Permits Issued by Type and Region, 2010

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

**Source:** Department of Municipal Affairs - Municipalities of Abu Dhabi- Al Ain-Al Gharbia

### 2.6.4. Number of Building Permits Issued by Type and Region, 2011

Type of Permits	Abu Dhabi	Al Ain	Al Gharbia
<b>Total</b>	<b>11,293</b>	<b>3,439</b>	<b>1,001</b>
New buildings	1,143	949	163
Permits renewal or amendments	4,423	14	192
Additions	2,180	1,769	416
Improvements and decorations	2,538	260	176
Temporary	450	32	12
Demolition	126	324	23
Others	433	91	19

**Source:** Department of Municipal Affairs - Municipalities of Abu Dhabi- Al Ain-Al Gharbia

### 2.6.5. Number of Building Permits Issued by Type and Region, 2012

Type of Permits	Abu Dhabi	Al Ain	Al Gharbia
<b>Total</b>	<b>14,096</b>	<b>4,100</b>	<b>862</b>
New buildings	1,278	1,065	131
Permits renewal or amendments	2,770	24	135
Additions	2,470	2,381	384
Improvements and decorations	5,032	290	39
Temporary	522	23	7
Demolition	163	286	27
Others	1,861	31	139

**Source:** Department of Municipal Affairs - Municipalities of Abu Dhabi- Al Ain-Al Gharbia

### 2.6.6. Number of Building Permits Issued by Building Usage and Region, 2009

Building Usage	Abu Dhabi	Al Ain	Al Gharbia
<b>Total</b>	<b>8,819</b>	<b>2,949</b>	<b>855</b>
Residential	3,718	2,114	534
Commercial	388	304	146
Industrial	338	232	9
Public utilities	424	189	62
Agricultural	0	76	38
Residential and commercial	296	0	0
Temporary	3,629	0	0
Others	26	34	66

**Source:** Department of Municipal Affairs - Municipalities of Abu Dhabi- Al Ain-Al Gharbia



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

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

**Source:** Department of Municipal Affairs - Municipalities of Abu Dhabi- Al Ain-Al Gharbia

### 2.6.8. Number of Building Permits Issued by Building Usage and Region, 2011

Building Usage	Abu Dhabi	Al Ain	Al Gharbia
<b>Total</b>	<b>11,293</b>	<b>3,439</b>	<b>1,001</b>
Residential	6,267	2,386	622
Commercial	2,272	342	95
Industrial	1,095	166	107
Public utilities	11	98	98
Agricultural	84	0	46
Temporary	0	45	33
Others	1,564	402	0

**Source:** Department of Municipal Affairs - Municipalities of Abu Dhabi- Al Ain-Al Gharbia

2.6.9. Number of Building Permits Issued by Building Usage and Region, 2012

Building Usage	Abu Dhabi	Al Ain	Al Gharbia
<b>Total</b>	<b>14,096</b>	<b>4,100</b>	<b>862</b>
Residential	7,875	3,050	541
Commercial	1,917	361	34
Industrial	1,096	175	76
Public utilities	8	138	47
Agricultural	85	36	72
Temporary	0	23	9
Others	3,115	317	83

Source: Department of Municipal Affairs - Municipalities of Abu Dhabi- Al Ain-Al Gharbia

2.6.10. Number of Building Permits Issued by Type and Building Usage - Abu Dhabi, 2009

Building Usage	Type of permits	
	New Buildings	Additions
<b>Total</b>	<b>1,429</b>	<b>2,609</b>
Residential	963	2,188
Commercial	78	141
Industrial	87	120
Public utilities	207	116
Residential and commercial	94	44

Source: Department of Municipal Affairs - Municipality of Abu Dhabi

### 2.6.11. Number of Building Permits Issued by Type and Building Usage - Abu Dhabi, 2010

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

**Source:** Department of Municipal Affairs - Municipality of Abu Dhabi

### 2.6.12. Number of Building Permits Issued by Type and Building Usage - Abu Dhabi, 2011

Building Usage	Type of Permits	
	New Buildings	Additions
<b>Total</b>	<b>1,143</b>	<b>2,180</b>
Residential	828	1,065
Commercial	217	623
Industrial	72	447
Public utilities	0	6
Agricultural	26	39

**Source:** Department of Municipal Affairs - Municipality of Abu Dhabi

### 2.6.13. Number of Building Permits Issued by Type and Building Usage - Abu Dhabi, 2012

Building Usage	Type of Permits	
	New Buildings	Additions
<b>Total</b>	<b>1,278</b>	<b>2,470</b>
Residential	1,179	2,200
Commercial	23	32
Industrial	70	238
Agricultural	6	0

**Source:** Department of Municipal Affairs - Municipality of Abu Dhabi

### 2.6.14. Number of Building Permits Issued by Type and Building Usage - Al Ain, 2009

Building Usage	Type of permits	
	New Buildings	Additions
<b>Total</b>	<b>939</b>	<b>956</b>
Residential	765	542
Commercial	57	163
Industrial	80	63
Public utilities	31	127
Agricultural	6	61

**Source:** Department of Municipal Affairs - Municipality of Al Ain

### 2.6.15. Number of Building Permits Issued by Type and Building Usage - Al Ain, 2010

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

**Source:** Department of Municipal Affairs - Municipality of Al Ain

### 2.6.16. Number of Building Permits Issued by Type and Building Usage - Al Ain, 2011

Building Usage	Type of Permits	
	New Buildings	Additions
<b>Total</b>	<b>949</b>	<b>1,769</b>
Residential	851	1,518
Commercial	17	68
Industrial	58	108
Public utilities	23	75

**Source:** Department of Municipal Affairs - Municipality of Al Ain

### 2.6.17. Number of Building Permits Issued by Type and Building Usage - Al Ain, 2012

Building Usage	Type of Permits	
	New Buildings	Additions
<b>Total</b>	<b>1,065</b>	<b>2,381</b>
Residential	956	2,070
Commercial	20	51
Industrial	42	133
Public utilities	40	98
Agricultural	7	29

**Source:** Department of Municipal Affairs - Municipality of Al Ain

### 2.6.18. Number of Building Permits Issued by Type and Building Usage - Al Gharbia, 2009

Building Usage	Type of permits	
	New Buildings	Additions
<b>Total</b>	<b>160</b>	<b>427</b>
Residential	95	256
Commercial	30	110
Industrial	5	3
Public utilities	30	21
Agricultural	0	37

**Source:** Source: Department of Municipal Affairs - Municipality of Al Gharbia

### 2.6.19. Number of Building Permits Issued by Type and Building Usage - Al Gharbia, 2010

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

**Source:** Source: Department of Municipal Affairs - Municipality of Al Gharbia

### 2.6.20. Number of Building Permits Issued by Type and Building Usage - Al Gharbia, 2011

Building Usage	Type of Permits	
	New Buildings	Additions
<b>Total</b>	<b>163</b>	<b>416</b>
Residential	81	235
Commercial	28	59
Industrial	17	47
Public utilities	28	41
Agricultural	9	34

**Source:** Department of Municipal Affairs - Municipality of Al Gharbia

### 2.6.21. Number of Building Permits Issued by Type and Building Usage - Al Gharbia, 2012

Building Usage	Type of Permits	
	New Buildings	Additions
<b>Total</b>	<b>131</b>	<b>384</b>
Residential	90	293
Commercial	6	3
Industrial	16	14
Public utilities	18	7
Agricultural	1	67

**Source:** Department of Municipal Affairs - Municipality of Al Gharbia

## 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 during 2012.

Total aircraft movements in 2012 were about 155.2 thousand flights compared with 145.2 thousand flights in 2011, an increase of 5.9%. The number of passengers equaled 15 million in 2012, an increase of 18.3% compared with 2011.

### 2.7.1. Key Statistics of Transportation and Storage

Indicators	2009	2010	2011	2012*
Share in GDP at current prices (%)	2.9	3.3	3.5	3.6
Share in non-oil GDP at current prices (%)	5.2	6.6	8.1	8.4
Gross output (% of GDP at current prices)	5.2	5.3	5.2	5.4
Capital formation (% of GDP at current prices)	2.0	1.8	2.2	2.4
Compensation of employees (Million AED)	5,106	6,934	7,361	7,946

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

### 2.7.2. Fuel Consumption Indicators

Indicator	2009	2010	2011	2012
Pump price for diesel fuel (AED per litre)	1.8	2.1	2.4	2.4
Pump price for gasoline (AED per litre)*	1.3	1.5	1.6	1.6
Passenger cars (per 1,000 people)	332	339	333	n.a
Vehicles (per 1,000 people)	370	378	370	n.a

Source: Statistics Centre - Abu Dhabi

\*Pump price of gasoline E-Plus

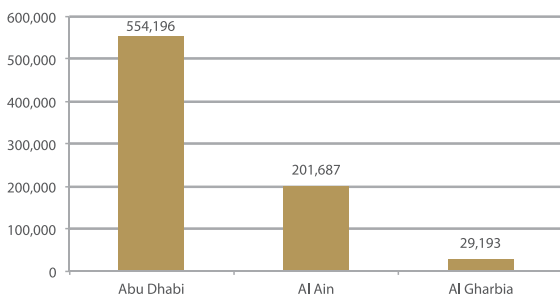


### 2.7.3. Motor Vehicles Licensed by Region

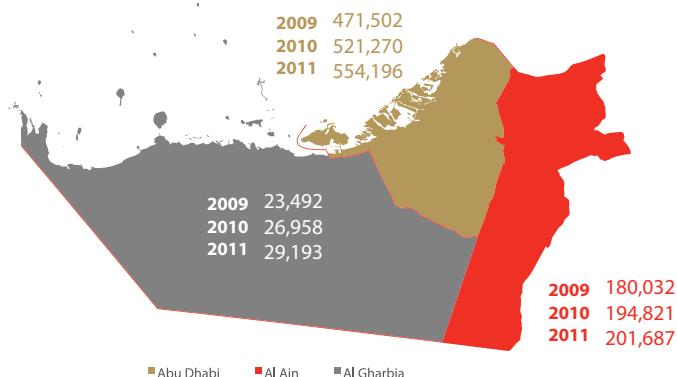
Type of License	2008	2009	2010	2011
<b>Abu Dhabi Emirate</b>	<b>561,748</b>	<b>675,026</b>	<b>743,049</b>	<b>785,076</b>
Motorcycles	3,768	5,141	6,176	7,009
Light vehicles	494,013	592,970	652,017	687,901
Bus (light and heavy)	10,790	13,948	15,220	17,380
Trucks (light and heavy)	31,861	37,545	42,115	43,873
Heavy mechanical equipment	21,316	25,422	27,521	28,913
<b>Abu Dhabi</b>	<b>386,853</b>	<b>471,502</b>	<b>521,270</b>	<b>554,196</b>
Motorcycles	2,778	3,906	4,716	5,488
Light vehicles	338,799	411,732	454,958	482,889
Bus (light and heavy)	8,290	11,020	12,118	14,050
Trucks (light and heavy)	19,971	24,288	27,379	28,670
Heavy mechanical equipment	17,015	20,556	22,099	23,099
<b>Al Ain</b>	<b>154,110</b>	<b>180,032</b>	<b>194,821</b>	<b>201,687</b>
Motorcycles	928	1,139	1,321	1,352
Light vehicles	138,593	162,540	175,845	182,515
Bus (light and heavy)	2,145	2,508	2,613	2,666
Trucks (light and heavy)	8,897	9,859	10,696	10,502
Heavy mechanical equipment	3,547	3,986	4,346	4,652
<b>Al Gharbia</b>	<b>20,785</b>	<b>23,492</b>	<b>26,958</b>	<b>29,193</b>
Motorcycles	62	96	139	169
Light vehicles	16,621	18,698	21,214	22,497
Bus (light and heavy)	355	420	489	664
Trucks (light and heavy)	2,993	3,398	4,040	4,701
Heavy mechanical equipment	754	880	1,076	1,162

Source: Ministry of Interior

Figure 2.7.1. Motor Vehicles Licensed by Region, 2011



## Motor Vehicles Licensed by Region, 2011



### 2.7.4. Number of Vehicles by Engine Capacity

Region/Engine Capacity	2007	2008	2009
<b>Abu Dhabi</b>	<b>283,477</b>	<b>383,872</b>	<b>468,916</b>
4-cylinders and less	147,260	197,525	238,581
Greater than 4 and less than or equal to 6 cylinders	98,800	131,267	158,610
Greater than 6 and less than or equal to 8 cylinders	36,572	53,889	70,118
Greater than 8 and less than or equal to 12-cylinders	798	1,087	1,445
Greater than 12-cylinders	47	104	162
<b>Al Ain</b>	<b>120,029</b>	<b>150,548</b>	<b>176,587</b>
4-cylinders and less	57,565	70,029	81,212
Greater than 4 and less than or equal to 6 cylinders	45,755	55,452	62,934
Greater than 6 and less than or equal to 8 cylinders	16,430	24,669	31,961
Greater than 8 and less than or equal to 12-cylinders	258	360	436
Greater than 12-cylinders	21	38	44
<b>Al Gharbia</b>	<b>17,046</b>	<b>20,707</b>	<b>23,330</b>
4-cylinders and less	6,509	7,856	8,766
Greater than 4 and less than or equal to 6 cylinders	8,093	9,475	10,560
Greater than 6 and less than or equal to 8 cylinders	2,361	3,282	3,896
Greater than 8 and less than or equal to 12-cylinders	82	91	108
Greater than 12-cylinders	1	3	0

Source: Ministry of Interior

### 2.7.5. Number of Vehicles by Plate Type and Region

Region/Plate Type	2008	2009	2010	2011
<b>Abu Dhabi</b>	<b>386,853</b>	<b>471,502</b>	<b>521,270</b>	<b>554,196</b>
Motorcycle	3,466	4,593	5,230	5,935
Private	321,280	390,493	434,286	464,504
Public transport	55,930	67,740	72,501	74,127
Taxi	4,634	6,637	7,028	7,539
Others	1,543	2,039	2,225	2,091
<b>Al Ain</b>	<b>154,110</b>	<b>180,032</b>	<b>194,821</b>	<b>201,687</b>
Motorcycle	1,743	1,954	1,890	1,909
Private	132,949	155,546	169,528	175,973
Public transport	17,561	20,428	21,976	22,616
Taxi	1,737	1,831	1,110	878
Others	120	273	317	311
<b>Al Gharbia</b>	<b>20,785</b>	<b>23,492</b>	<b>26,958</b>	<b>29,193</b>
Motorcycle	63	98	139	170
Private	15,972	17,658	20,001	21,352
Public transport	4,734	5,718	6,786	7,639
Taxi	16	16	23	22
Others	0	2	9	10

Source: Ministry of Interior

### 2.7.6. Driving Licenses Issued by Type of License and Region

Region/Type of license	2005	2007	2008	2009
<b>Abu Dhabi</b>	<b>452,187</b>	<b>523,696</b>	<b>588,164</b>	<b>662,683</b>
Motorcycle	13,412	15,865	18,243	20,895
Light vehicles	325,868	385,911	434,917	492,161
Heavy vehicles	47,889	51,782	56,969	63,360
Light bus	31,996	32,202	32,466	32,711
Heavy bus	14,342	15,868	17,494	19,120
Light mechanical equipment	3,325	3,494	4,184	4,894
Heavy mechanical equipment	15,355	18,574	23,891	29,542
<b>Al Ain</b>	<b>213,346</b>	<b>237,397</b>	<b>251,000</b>	<b>274,189</b>
Motorcycle	6,788	7,117	7,300	7,739
Light vehicles	153,279	175,224	187,367	207,654
Heavy vehicles	24,082	25,212	26,110	27,987
Light bus	16,613	16,688	16,721	16,780
Heavy bus	5,688	5,932	6,051	6,191
Light mechanical equipment	2,554	2,610	2,679	2,716
Heavy mechanical equipment	4,342	4,614	4,772	5,122
<b>Al Gharbia</b>	<b>19,500</b>	<b>28,171</b>	<b>33,243</b>	<b>38,501</b>
Motorcycle	307	387	437	488
Light vehicles	14,878	22,554	26,735	31,263
Heavy vehicles	1,940	2,340	2,679	3,014
Light bus	786	852	900	917
Heavy bus	569	722	852	925
Light mechanical equipment	106	169	202	238
Heavy mechanical equipment	914	1,147	1,438	1,656

Source: Ministry of Interior

### 2.7.7. Vehicles by Registration

Region	2008	2009	2010	2011
<b>Abu Dhabi</b>	<b>492,800</b>	<b>524,394</b>	<b>601,716</b>	<b>637,120</b>
Re-registration	8,103	6,920	11,703	9,505
Renewal	245,095	302,555	347,985	375,331
Registration	125,985	102,882	105,577	102,104
Vehicle travel certificate	11,973	12,482	13,179	10,715
Export	9,416	8,619	9,672	11,879
Transfer	92,228	90,936	113,600	127,586
<b>Al Ain</b>	<b>200,442</b>	<b>206,845</b>	<b>229,825</b>	<b>243,419</b>
Re-registration	4,295	3,278	4,991	4,555
Renewal	100,701	116,874	130,433	138,887
Registration	41,743	36,337	37,192	34,340
Vehicle travel certificate	5,228	5,108	5,659	4,622
Export	6,156	5,248	5,046	6,769
Transfer	42,319	40,000	46,504	54,246
<b>Al Gharbia</b>	<b>23,847</b>	<b>26,988</b>	<b>31,898</b>	<b>34,223</b>
Re-registration	546	492	709	706
Renewal	14,217	16,750	19,523	21,752
Registration	3,750	3,821	4,638	4,232
Vehicle travel certificate	975	1,065	1,314	1,112
Export	135	186	223	273
Transfer	4,224	4,674	5,491	6,148

Source: Ministry of Interior

### 2.7.8. External Road Details, 2011

(length in km)

Length	Region			Total
	Abu Dhabi	Al Ain	Al Gharbia	
1Lanex2	345.0	392.4	184.1	921.5
2Lanesx2	144.3	294.4	531.9	970.6
3Lanesx2	77.5	96.5	80.5	254.5
4Lanesx2	144.0	47.9	0.0	191.9
5Lanesx2	30.0	0.0	0.0	30.0

Source: Department of Transport

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

## 2.7.9. External Road Details, 2012

(length in km)

Length	Region			Total
	Abu Dhabi	Al Ain	Al Gharbia	
1Lanex2	357.1	489.4	184.1	1030.6
2Lanesx2	156.8	294.4	531.9	983.1
3Lanesx2	94.1	99.3	80.5	273.9
4Lanesx2	156.9	47.9	0.0	204.8
5Lanesx2	30.0	0.0	0.0	30.0

**Source:** Department of Transport

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

## 2.7.10. Length of Internal Roads

(length in km)

Region	2011	2012
<b>Total</b>	<b>15,830</b>	<b>16,825</b>
Abu Dhabi	12,413	13,164
Al Ain	1,809	2,053
Al Gharbia	1,608	1,608

**Source:** Department of Municipal Affairs - Municipalities of Abu Dhabi- Al Ain-Al Gharbia

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

### 2.7.11. Aircraft Movement by Airport and Month

Airport / Month	2005	2010	2011	2012
<b>Abu Dhabi international airport*</b>	76,633	135,715	142,430	150,768
January	6,724	11,846	12,286	12,623
February	6,255	10,460	10,822	11,993
March	6,268	11,536	12,382	12,539
April	6,118	10,844	11,577	12,522
May	6,442	11,613	11,983	12,697
June	6,421	11,148	11,450	12,132
July	6,332	10,857	12,008	12,624
August	6,468	11,402	11,423	11,955
September	6,293	10,946	11,411	12,367
October	6,305	11,532	12,229	13,099
November	6,305	11,689	12,488	13,038
December	6,702	11,842	12,371	13,179
<b>Al Ain international airport</b>	2,636	3,131	2,753	4,421
January	296	242	214	338
February	235	260	241	199
March	222	260	290	303
April	186	235	203	406
May	216	306	245	357
June	238	262	252	459
July	190	254	316	365
August	193	241	210	311
September	213	300	251	418
October	170	321	231	545
November	190	248	177	374
December	287	202	123	346

Source: Abu Dhabi Airports Company

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

## 2.7.12. Air Transport by Airport, Passengers and Freight

Item	2005	2010	2011	2012
<b>Abu Dhabi international airport*</b>				
Aircraft Movement	76,633	135,715	142,430	150,768
<b>Passengers:</b>				
Arrival	2,482,092	5,419,321	6,175,221	7,331,211
Departure	2,458,410	5,343,809	6,083,923	7,325,410
Transit	537,974	272,166	290,674	230,989
<b>Freights (tons):</b>				
In	112,828	229,021	254,560	306,212
Out	100,896	208,790	226,984	261,752
<b>Mail (tons):</b>				
In	807	2,113	2,158	2,411
Out	776	2,411	3,241	3,637
<b>Al Ain international airport</b>				
Aircraft Movement	2,636	3,131	2,753	4,421
<b>Passengers:</b>				
Arrival	35,041	39,395	35,182	24,701
Departure	42,910	43,318	37,996	22,620
Transit	49,102	9,052	14,872	16,022
<b>Freights (tons):</b>				
In	350	407	104	142
Out	1,045	1,354	393	1,357
<b>Mail (tons):</b>				
In	0.13	0.00	0.00	0.00
Out	0.01	0.00	0.00	0.00

Source: Abu Dhabi Airports Company

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



### 2.7.13. Air Cargo Discharged by Region

(Tons)

Region	2005	2010	2011	2012
<b>Total</b>	<b>113,178</b>	<b>229,428</b>	<b>254,590</b>	<b>306,212</b>
GCC countries	5,688	7,476	7,984	7,699
Other Arab countries	11,173	9,539	10,089	9,135
Asia (except Arab)	48,585	112,952	122,417	162,763
Europe	42,856	72,622	86,108	96,562
North America	168	6,546	6,076	6,321
South America	10	0	10	0
Africa (except Arab)	245	8,800	10,810	9,263
Australia	12	11,493	11,096	14,469
Others	4,441	0	0	0

Source: Abu Dhabi Airports Company

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

### 2.7.14. Air Cargo Loaded by Region of Destination

(Tons)

Region	2005	2010	2011	2012
<b>Total</b>	<b>101,941</b>	<b>210,144</b>	<b>227,016</b>	<b>261,752</b>
GCC countries	16,325	30,929	34,192	36,251
Other Arab countries	16,195	20,205	16,291	25,546
Asia (except Arab)	22,895	43,383	60,959	66,847
Europe	41,889	79,175	80,576	94,481
North America	261	6,786	5,774	5,835
South America	0	118	229	0
Africa (except Arab)	397	19,099	18,517	21,262
Australia	1	10,449	10,478	11,531
Others	3,978	0	0	0

Source: Abu Dhabi Airports Company

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

### 2.7.15. Air Passengers Arrivals by Region of Embarkation

Region	2005	2010	2011	2012
<b>Total</b>	<b>2,517,133</b>	<b>5,458,716</b>	<b>6,084,068</b>	<b>7,237,648</b>
GCC countries	640,458	1,117,530	1,225,519	1,279,614
Other Arab countries	344,287	595,329	607,596	775,112
Asia (except Arab)	1,094,406	2,008,785	2,305,404	2,872,126
Europe	432,234	1,175,683	1,398,630	1,635,122
North America	3,204	163,806	181,818	208,956
South America	51	265	0	0
Africa (except Arab)	2,327	62,398	68,225	159,081
Australia	0	233,215	277,086	304,131
Others	166	101,705	19,790	3,506

**Source:** Abu Dhabi Airports Company

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

### 2.7.16. Air Passengers Departures by Region of Disembarkation

Region	2005	2010	2011	2012
<b>Total</b>	<b>2,501,320</b>	<b>5,387,127</b>	<b>5,990,970</b>	<b>7,231,783</b>
GCC countries	657,257	963,628	1,159,642	1,317,232
Other Arab countries	373,511	603,145	587,553	758,404
Asia (except Arab)	1,048,476	2,054,660	2,282,179	2,839,152
Europe	418,244	1,194,648	1,421,929	1,653,960
North America	2,392	174,284	179,474	210,763
South America	0	0	0	0
Africa (Except Arab)	1,438	64,909	64,014	151,211
Australia	2	229,049	276,344	297,725
Others	0	102,804	19,835	3,336

**Source:** Abu Dhabi Airports Company

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

### 2.7.17. Main Indicators for Goods Vessels Movement

Item	2009	2010	2011	2012
<b>Number of vessels</b>	<b>16,391</b>	<b>20,154</b>	<b>39,526</b>	<b>38,291</b>
<b>Container TEUs*</b>				
<b>Total TEUs</b>	<b>530,271</b>	<b>521,156</b>	<b>767,713</b>	<b>787,048</b>
Discharged	263,648	257,302	384,394	391,267
Loaded	266,623	263,854	383,319	395,781
<b>General cargo (metric tons)</b>				
<b>Total cargo</b>	<b>4,914,168</b>	<b>6,046,722</b>	<b>8,368,766</b>	<b>9,393,265</b>
Discharged	4,801,450	5,962,276	8,190,376	9,153,595
Loaded	112,718	84,446	178,390	239,670
<b>Vehicle unit</b>				
<b>Total units</b>	<b>37,951</b>	<b>62,352</b>	<b>56,510</b>	<b>79,906</b>
Discharged	37,078	61,910	56,318	79,184
Loaded	873	442	192	722

Source: Abu Dhabi Terminals

\* Twenty- foot Equivalent Unit (TEU)

### 2.7.18. Vessels Turnaround in Zayed Port

Item	2009	2010	2011	2012
Number of vessels	2,123	2,086	2,244	2,113
<b>Total turnaround (Hours)</b>	<b>68023:49</b>	<b>80277:46</b>	<b>66408:48</b>	<b>100471:36</b>
Average turnaround	1.34	1.60	1.23	1.98
Total stay (Hours)	81403:47	83267:59	95688:18	98118:33
Total gross tonnage (M.T)	36,592,129	41,123,157	41,878,310	44,537,816

Source: Abu Dhabi Terminals

2.7.19. Distribution of Container TEUs Incoming and Outgoing by Region

Region	2011		2012	
	Incoming	Outgoing	Incoming	Outgoing
<b>Total</b>	<b>384,394</b>	<b>379,966</b>	<b>391,267</b>	<b>390,003</b>
United Arab Emirates*	138,691	259,913	202,620	257,379
Other GCC Countries	5,398	5,074	6,640	3,819
Total Middle East (Non- GCC)	589	5,165	964	2,316
Indian Sub Continent	8,413	17,220	8,200	11,833
South East Asia	13,854	19,578	13,256	20,412
Far East	32,551	36,756	35,177	42,459
North Africa	3,186	6,536	2,309	5,304
South Africa	1,726	916	2,071	799
East Africa	13,525	2,111	10,797	3,733
West Africa	177	115	157	74
Western Europe	23,654	2,034	19,800	1,622
Mediterranean	66,872	2,575	38,384	2,979
Scandinavia	613	83	314	43
Eastern Europe	8,181	38	3,690	23
North America	63,366	1,991	33,521	1,408
Caribbean	0	126	0	78
Central America	583	141	18	73
South America	1,717	207	3,435	262
Australasia	1,296	550	1,617	143
Others	2	18,837	8,297	35,244

Source: Abu Dhabi Terminals.

\*Container TEUs of UAE are from other Emirates of UAE

2.7.20. Post Offices and Mail Boxes\*

Item	2009	2010	2011	2012*
Number of post offices	34	35	26	26
Number of private mail boxes	127,627	132,480	112,498	92,329
Number of mail boxes	227	182	113	97

Source: Emirates Post

\*Does not include Al Ain

### 2.7.21. Postal Traffic by Type\*

Postal Traffic	2009	2010	2011	2012*
<b>Registered letters</b>				
Internal	859,653	795,225	669,921	1,337,352
External outgoing	157,708	151,048	208,682	98,984
External incoming	188,737	148,653	147,849	116,460
<b>Parcels</b>				
Internal	1,454	349	390	84
External outgoing	23,870	23,576	31,597	33,032
External incoming	29,836	27,190	30,418	4,451
<b>Express mail</b>				
Internal	14,184	12,634	150,033	3,601
External outgoing	56,528	62,595	61,118	48,643
External incoming	62,386	60,791	58,782	9,732

Source: Emirates Post

\*Does not include Al Ain

## 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 11 in 2012. While the number of mobile phone subscriptions amounted to about twice the size of the population.

### 2.8.1. Key Statistics of the Information and Communication Technology

Indicators	2009	2010	2011	2012*
Share in GDP at current prices (%)	4.5	3.0	2.3	2.2
Share in non-oil GDP at current prices (%)	8.1	5.9	5.3	5.0
Gross output (% of GDP at current prices)	5.2	3.9	3.1	3.0
Capital formation (% of GDP at current prices)	0.3	0.3	0.8	0.7
Compensation of employees (Million AED)	4,185	4,740	4,924	5,234

Source: Statistics Centre - Abu Dhabi

\*Preliminary estimates

### 2.8.2. The Information and Communication Technology Indicators

Indicators	2009	2010	2011	2012
Fixed broadband subscribers per 100 inhabitants	8	11	11	11
Fixed telephone subscribers per 100 inhabitants	13	14	11	17
Mobile cellular subscribers per 100 inhabitants	159	161	168	189
Percentage of population covered by mobile network	100	100	100	100

Source: Telecommunications Regulatory Authority

### 2.8.3. Daily Distributed Local Newspapers by Month

Month	2010	2011	2012
<b>Total</b>	<b>48,006,546</b>	<b>53,677,632</b>	<b>51,544,358</b>
January	4,177,535	4,691,299	4,507,791
February	3,772,912	4,174,237	4,114,869
March	4,180,074	4,690,748	4,409,821
April	3,936,209	4,449,526	4,281,982
May	4,118,378	4,682,748	4,426,905
June	3,988,379	4,444,256	4,174,718
July	3,981,292	4,530,244	4,321,879
August	3,994,185	4,387,789	4,213,138
September	3,833,399	4,328,127	4,197,788
October	4,162,315	4,540,665	4,353,332
November	3,872,016	4,308,547	4,241,425
December	3,989,852	4,449,446	4,300,710

**Source:** Local Newspapers

## 2.9. Hotels

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

The number of hotel establishments rose to 130 in 2012, a slight increase compared with 2011. As a result, the number of rooms rose to 21,997, an increase of 3.5% compared with the previous Year. In 2012, the number of guests totaled about 2.4 million, an increase of 13.1% compared with the previous Year. The occupancy rate decreased to 65.2% in 2012, a decline of 5.4% while the number of guest nights grew by 11.6% compared with 2011.

### 2.9.1. Key Statistics of the Hotel Establishments Activity

Item	2009	2010	2011	2012
Number of hotel establishments	115	116	129	130
Number of rooms	17,424	18,844	21,254	21,997
Number of guests (Thousand)	1,540	1,812	2,112	2,388
Number of guestnights (Thousand)	4,319	5,132	6,270	6,997
Average length of stay (nights)	2.8	2.8	3.0	2.9
Occupancy rate %	72.2	64.7	68.9	65.2
ARR: Average revenue of hotel rooms (AED)	746	567	490	453
Rev PAR: Average revenue of available room (AED)	538	367	338	295

**Source:** Abu Dhabi Tourism & Culture Authority



### 2.9.2. Hotel Establishments Indicators by Type, 2012

Item	Hotel	Hotel Apartments	Total
Number of hotel establishments	81	49	130
Number of rooms	16,998	4,999	21,997
Number of guests (Thousand)	1,981	407	2,388
Number of guestnights (Thousand)	5,067	1,930	6,997
Average length of stay (nights)	2.6	4.7	2.9
Occupancy rate (%)	61.6	76.9	65.2
ARR: Average revenue of hotel rooms (AED)	491	353	453
Rev PAR: Average revenue of available room (AED)	303	271	295

Source: Abu Dhabi Tourism & Culture Authority

### 2.9.3. Hotel Establishments Indicators by Region, 2012

Item	Abu Dhabi	Al Ain	Al Gharbia	Total
Number of hotel establishments	109	14	7	130
Number of hotel rooms	19,609	1,682	706	21,997
Number of guests (Thousand)	2,015	286	87	2,388
Number of guest nights (Thousand)	6,154	571	272	6,997
Average length of stay (nights)	3.1	2.0	3.1	2.9
Occupancy rate (%)	65.7	59.3	64.6	65.2

Source: Abu Dhabi Tourism & Culture Authority

**2.9.4. Guests of Hotel Establishments by Nationality**

Nationality	2009	2010	2011	2012
<b>Total</b>	<b>1,540,258</b>	<b>1,812,011</b>	<b>2,111,611</b>	<b>2,388,023</b>
United Arab Emirates	650,585	752,777	824,442	888,241
Other GCC countries	85,670	102,067	133,277	159,306
Other Arab countries	158,797	206,830	252,626	274,250
Asia (except Arab)	173,921	248,273	323,094	413,607
Australia and Pacific	26,013	30,712	40,414	42,089
Africa (except Arab)	13,569	16,091	21,280	28,208
Europe	325,392	316,701	380,980	442,891
North and South America	92,696	108,303	109,327	115,857
Not Specified	13,615	30,257	26,171	23,574

**Source:** Abu Dhabi Tourism & Culture Authority

**2.9.5. Guestnights of Hotel Establishments by Nationality**

Nationality	2009	2010	2011	2012
<b>Total</b>	<b>4,318,504</b>	<b>5,132,323</b>	<b>6,269,682</b>	<b>6,996,724</b>
United Arab Emirates	1,117,628	1,348,270	1,573,266	1,701,393
Other GCC countries	163,247	200,223	301,105	353,981
Other Arab countries	446,668	543,326	652,585	693,374
Asia (except Arab)	654,807	814,786	1,060,502	1,341,974
Australia and Pacific	119,484	107,486	143,403	141,966
Africa (except Arab)	53,233	63,974	74,533	93,646
Europe	1,272,993	1,373,467	1,716,139	1,969,592
North and South America	444,646	587,711	653,879	614,692
Not Specified	45,798	93,080	94,270	86,106

**Source:** Abu Dhabi Tourism & Culture Authority

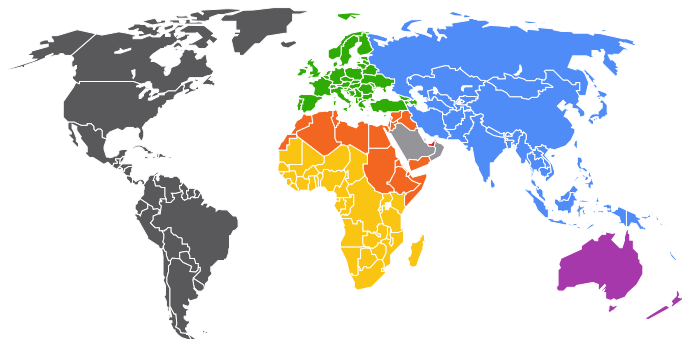
## 2.9.6. Guests for Hotel Establishments by Nationality and Classification, 2012

Nationality	5- stars	4- stars	3 stars or less*	Hotel Apartments	Total
<b>Total</b>	<b>880,642</b>	<b>641,650</b>	<b>458,317</b>	<b>407,414</b>	<b>2,388,023</b>
United Arab Emirates	358,016	198,820	167,722	163,683	888,241
Other GCC countries	57,910	36,716	32,898	31,782	159,306
Other Arab countries	60,115	84,020	71,221	58,894	274,250
Asia (except Arab)	102,569	120,654	107,406	82,978	413,607
Australia and Pacific	19,707	13,965	4,447	3,970	42,089
Africa (except Arab)	7,620	10,464	6,230	3,894	28,208
Europe	213,847	135,799	53,077	40,168	442,891
North and South America	52,413	30,321	13,734	19,389	115,857
Not Specified	8,445	10,891	1,582	2,656	23,574

Source: Abu Dhabi Tourism & Culture Authority

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

## Guests for Hotel Establishments by Nationality, 2012



■ Australia and Pacific	42,089	■ United Arab Emirates	888,241
■ Africa (except Arab)	28,208	■ Other GCC countries	159,306
■ Europe	442,891	■ Other Arab countries	274,250
■ North and South America	115,857	■ Asia (except Arab)	413,607

### 2.9.7. Guestnights for Hotel Establishments by Nationality and Classification, 2012

Nationality	5- stars	4- stars	3 stars or less*	Hotel Apartment	Total
<b>Total</b>	<b>1,929,933</b>	<b>1,097,417</b>	<b>1,514,647</b>	<b>2,454,727</b>	<b>6,996,724</b>
United Arab Emirates	338,785	324,247	338,942	699,419	1,701,393
Other GCC countries	80,721	62,426	75,606	135,228	353,981
Other Arab countries	232,795	152,712	165,626	142,241	693,374
Asia (except Arab)	512,683	279,278	273,415	276,598	1,341,974
Australia and Pacific	41,539	13,253	33,631	53,543	141,966
Africa (except Arab)	20,795	18,388	30,622	23,841	93,646
Europe	425,853	190,108	463,620	890,011	1,969,592
North and South America	250,312	49,943	114,712	199,725	614,692
Not Specified	26,450	7,062	18,473	34,121	86,106

Source: Abu Dhabi Tourism & Culture Authority

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

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

Nationality	2011	2012	Difference	Percentage Change
<b>Average</b>	<b>2.97</b>	<b>2.93</b>	<b>-0.04</b>	<b>-1.30</b>
United Arab Emirates	1.91	1.92	0.01	0.50
Other GCC countries	2.26	2.22	-0.04	-1.80
Other Arab countries	2.58	2.53	-0.05	-1.90
Asia (except Arab)	3.28	3.24	-0.04	-1.20
Australia and Pacific	3.55	3.37	-0.18	-5.10
Africa (except Arab)	3.50	3.32	-0.18	-5.10
Europe	4.50	4.45	-0.05	-1.10
North and South America	5.98	5.31	-0.67	-11.20
Not Specified	3.60	3.65	0.05	1.40

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

2.9.9. Occupancy Rate of Hotel Establishments by Month

Month	2009	2010	2011	2012
Average	72.2	64.7	68.9	65.2
January	78.3	60.5	65.9	66.0
February	83.4	66.6	77.3	69.2
March	83.5	70.5	74.3	69.0
April	79.4	64.6	72.3	64.4
May	73.9	61.2	67.8	62.6
June	71.3	61.1	65.8	60.6
July	68.4	59.2	64.8	54.7
August	65.0	51.4	52.6	54.6
September	66.1	61.0	66.2	64.6
October	78.1	72.0	77.1	71.4
November	65.3	77.2	76.8	75.9
December	59.8	70.2	66.5	68.7

Source: Abu Dhabi Tourism & Culture Authority

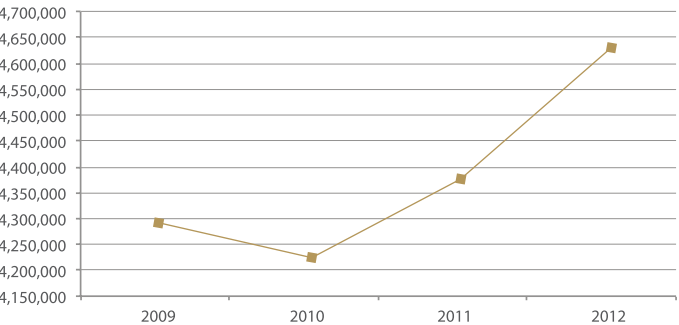
2.9.10. Total Revenue of Hotel Establishments

(Thousand AED)

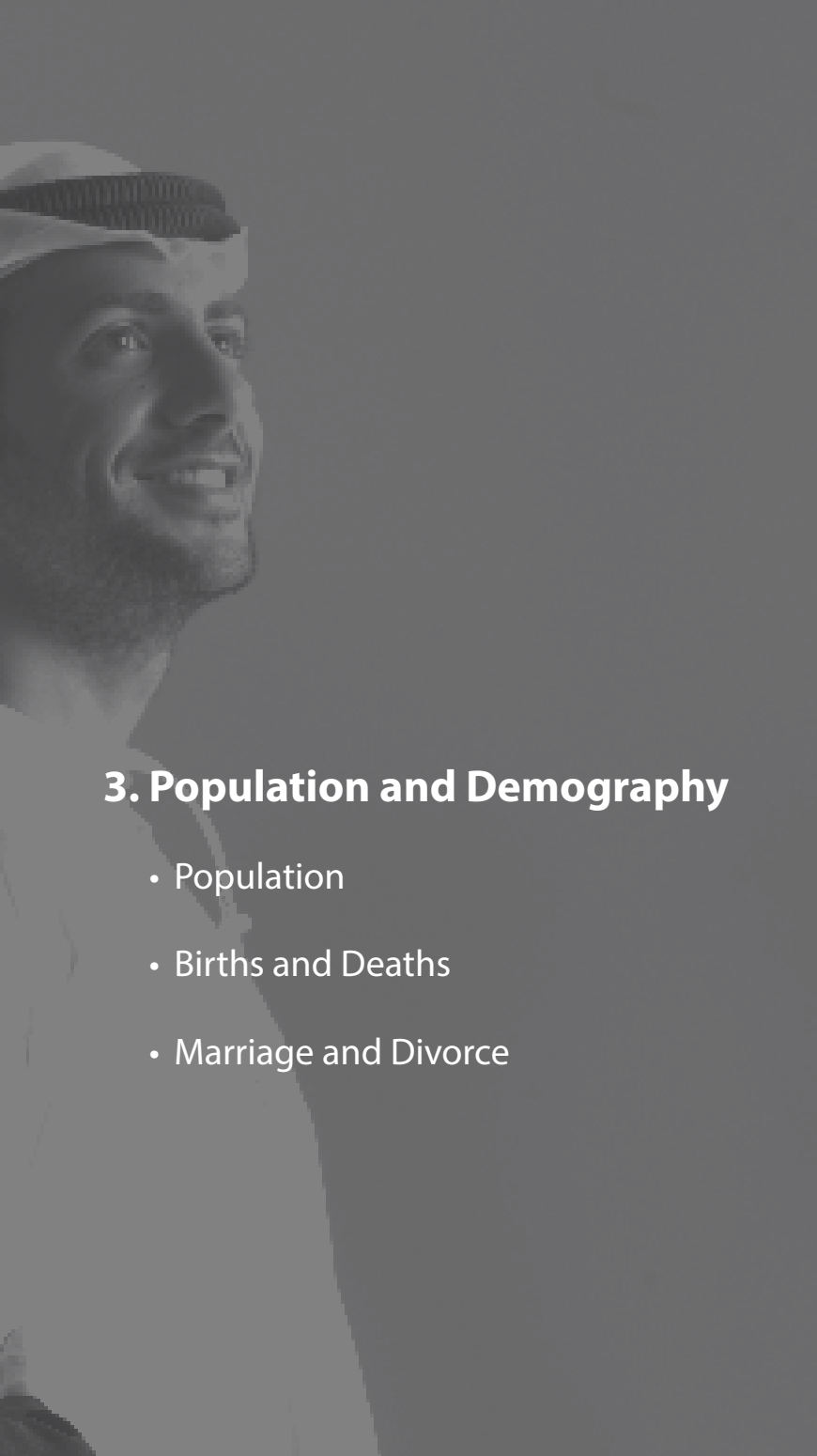
Item	2009	2010	2011	2012
Total revenue	4,293,073	4,228,520	4,376,024	4,633,075
Room revenue	2,582,842	2,269,007	2,314,969	2,342,734
Food & beverage revenue	1,378,928	1,507,411	1,604,391	1,803,404
Other revenue	331,303	452,102	456,664	486,937

Source: Abu Dhabi Tourism & Culture Authority

Figure 2.9.1. Total Revenue of Hotel Establishments







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

- Population
- Births and Deaths
- Marriage and Divorce

### 3. Population and Demography

The population estimates describe the size, regional distribution and age and gender structure of the population of the Abu Dhabi Emirate for mid-Year 2012. Statistics and corresponding key indicators on births, deaths, marriages and divorce for the calendar Year 2012 describe the vital events affecting population change.

The resident population of the Abu Dhabi Emirate was 2,334,563 people in 2012. In mid-Year 2012 the estimated population in Abu Dhabi Region was 1.42 million (60.7%), Al Ain Region 0.63 million (27.0%), and Al Gharbia 0.29 million (12.2%), making the total mid-Year population for the Abu Dhabi Emirate 2.33 million.

In Abu Dhabi, fertility is higher than most developed regions of the world, and mortality remains extremely low. In 2012, Crude Birth Rates and Crude Death Rates among Citizens were 14.6 births per 1000 population and 1.3 deaths per 1000 population respectively.

#### Key Indicators

Total Population ( Mid -Year Estimate)	2,334,563
Males	1,662,051
Females	672,512
Average Annual Population Growth Rate (2005- 2012) (%)	8.1
Age Dependency Ratio	21.8
Age Dependency Ratio, Old	1.1
Age Dependency Ratio, Young	20.7
General Fertility Rate (Births Per 1000 Women Aged 15 - 49 Years)	78.8
Crude Birth Rate (Births Per 1000 Population)	14.6
Crude Death Rate (Deaths Per 1000 Population)	1.3
Infant Mortality Rate (Deaths Per 1000 Live Births)	6.4
Under 5 Mortality Rate (Deaths Per 1000 Population)	8.2
Life Expectancy at Birth for Females (Years)	78.7
Life Expectancy at Birth for Males (Years)	75.2
Singulate Mean Age at First Marriage for Males (Years)	27.9
Singulate Mean Age at First Marriage for Females (Years)	26.8

2012



### 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 people who are usual residents, temporary absents and Emirati citizens away from the Emirate, who are legally entitled to live in UAE. The mid-year 2012 population estimate is preliminary and subject to revision.

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 2012 the population estimated to be 2,334,563.

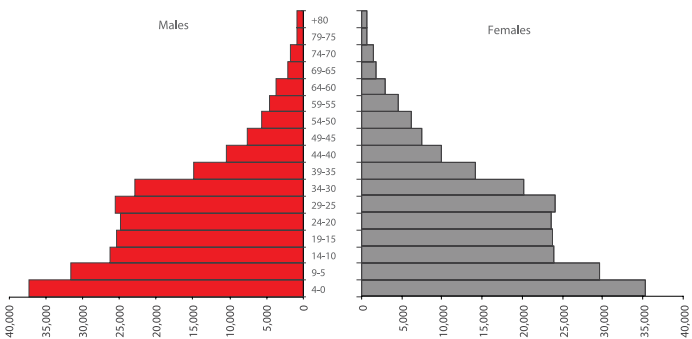
Of the total Abu Dhabi Emirate population, 476,722 people (20.4%) are Emirati citizens. Of the citizens, 253,740 (53.2%) live in Abu Dhabi Region, and 194,158(40.7%) in Al Ain Region, leaving 28,824 (6.0%) in Al Gharbia.

The non-citizen population of 1,857,841 people comprise 79.6% of the total resident population. Of the non-citizens 1,164,462 people (62.7%) live in Abu Dhabi Region.

More than 71% 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 2012 was 39 persons per square kilometre. The population density in Abu Dhabi Region, Al Ain Region and Al Gharbia were 130, 47, and 8 persons per square kilometre respectively. Al Gharbia 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 2012



Source: Department of Economic Development

### 3.1.1. Population By Gender and Citizenship From Population Censuses (Persons)

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

Source: Department of Economic Development

### 3.1.2. Average Annual Population Growth Rates in the Intercensal Periods by Citizenship and Gender

(%) per annum

Citizenship and Gender	1975-1985	1985-1995	1995-2005	2005-2012 *
<b>Grand Total</b>	<b>10.4</b>	<b>5.2</b>	<b>4.0</b>	<b>8.1</b>
Males	9.4	5.5	3.6	9.3
Females	12.6	4.6	5.0	5.5
<b>Citizens</b>	<b>9.5</b>	<b>5.1</b>	<b>4.6</b>	<b>4.8</b>
Males	9.1	4.9	4.6	5.2
Females	9.9	5.2	4.7	4.4
<b>Non-Citizens</b>	<b>10.6</b>	<b>5.3</b>	<b>3.8</b>	<b>9.1</b>
Males	9.5	5.6	3.4	10.2
Females	14.5	4.3	5.1	6.1

Source: Statistics Centre - Abu Dhabi

\* 2012 was not a census Year. Growth rates are to mid-Year estimates.

### 3.1.3. Population Density By Region

(Persons Per Square Kilometre)

Region	2005	2010	2011	2012
<b>Abu Dhabi Emirate</b>	<b>23.1</b>	<b>33.1</b>	<b>36.4</b>	<b>39.3</b>
Abu Dhabi Region	74.3	109.9	120.3	130.2
Al Ain Region	33.2	42.5	44.5	47.1
Al Gharbia	3.4	5.8	7.3	8.1

Source: Statistics Centre - Abu Dhabi

### 3.1.4. Population Estimates by Region and Gender, Mid 2005 and Mid 2012 (Thousand Persons)

Region	Males	Females	Total
<b>Abu Dhabi Emirate</b>			
2005	911.9	462.3	1,374.2
2012	1,662.1	672.5	2,334.6
<b>Abu Dhabi Region</b>			
2005	523.5	285.5	809.0
2012	998.4	419.8	1,418.2
<b>Al Ain Region</b>			
2005	293.0	151.7	444.7
2012	409.4	221.6	631.0
<b>Al Gharbia</b>			
2005	85.2	23.4	108.6
2012	254.2	31.2	285.4
<b>Islands</b>			
2005	10.2	1.7	11.9
2012 *	-	-	-

Source: Statistics Centre - Abu Dhabi

\* Since 2011, Islands were merged with Abu Dhabi Region and Al Gharbia

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

### 3.1.5. Estimated Population (Mid Years) by Region, Citizenship and Gender (Thousand Persons)

Region / Citizenship / Gender	2005	2010	2011	2012
<b>Abu Dhabi Emirate</b>	<b>1,374.2</b>	<b>1,967.7</b>	<b>2,161.6</b>	<b>2,334.6</b>
<b>Abu Dhabi Region</b>	<b>809</b>	<b>1,197.3</b>	<b>1,310.5</b>	<b>1,418.2</b>
<b>Citizens</b>	<b>177.6</b>	<b>228.2</b>	<b>241.5</b>	<b>253.7</b>
Males	91.4	114.4	124.1	130.5
Females	86.3	113.8	117.3	123.2
<b>Non-Citizens</b>	<b>631.4</b>	<b>969.1</b>	<b>1,069.0</b>	<b>1,164.5</b>
Males	432.1	716.4	788.9	867.9
Females	199.3	252.7	280.1	296.6
<b>Al Ain Region</b>	<b>444.7</b>	<b>568.2</b>	<b>595.8</b>	<b>631.0</b>
<b>Citizens</b>	<b>143.9</b>	<b>177.1</b>	<b>186.0</b>	<b>194.2</b>
Males	70.3	87.7	94.1	98.7
Females	73.6	89.5	92.0	95.5
<b>Non-Citizens</b>	<b>300.7</b>	<b>391.1</b>	<b>409.8</b>	<b>436.8</b>
Males	222.6	290.0	291.8	310.7
Females	78.1	101.1	118.1	126.1
<b>Al Gharbia</b>	<b>108.6</b>	<b>184.5</b>	<b>255.3</b>	<b>285.4</b>
<b>Citizens</b>	<b>20.2</b>	<b>25.2</b>	<b>27.6</b>	<b>28.8</b>
Males	10.6	13.8	16.2	17.2
Females	9.6	11.4	11.4	11.6
<b>Non-Citizens</b>	<b>88.3</b>	<b>159.3</b>	<b>227.7</b>	<b>256.5</b>
Males	74.5	141.8	209.2	237.0
Females	13.8	17.5	18.5	19.5
<b>Islands *</b>	<b>11.9</b>	<b>17.6</b>	<b>-</b>	<b>-</b>
<b>Citizens</b>	<b>2.5</b>	<b>3.2</b>	<b>-</b>	<b>-</b>
Males	1.5	1.9	-	-
Females	1.0	1.3	-	-
<b>Non-Citizens</b>	<b>9.4</b>	<b>14.4</b>	<b>-</b>	<b>-</b>
Males	8.7	13.6	-	-
Females	0.6	0.8	-	-

Source: Statistics Centre - Abu Dhabi

\* Since 2011, Islands were merged with Abu Dhabi Region and Al Gharbia

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

### 3.1.6. Population Estimates by Age Group and Gender, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>1,662,051</b>	<b>672,512</b>	<b>2,334,563</b>
0-4	80,854	75,519	156,373
5-9	68,887	63,752	132,639
10-14	56,217	51,479	107,696
15-19	58,912	50,228	109,140
20-24	200,811	75,101	275,912
25-29	345,513	96,836	442,349
30-34	281,097	81,073	362,170
35-39	201,066	59,690	260,756
40-44	146,467	41,093	187,560
45-49	91,369	28,818	120,187
50-54	63,872	20,397	84,269
55-59	37,949	12,688	50,637
60-64	16,401	6,945	23,346
65-69	6,303	3,692	9,995
70-74	3,387	2,520	5,907
75-79	1,546	1,275	2,821
80+	1,400	1,406	2,806

Source: Statistics Centre - Abu Dhabi

### 3.1.7. Citizen Population Estimates by Age Group and Gender, Mid 2012 (Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>246,387</b>	<b>230,335</b>	<b>476,722</b>
0-4	37,231	35,234	72,465
5-9	31,637	29,546	61,183
10-14	26,310	23,911	50,221
15-19	25,374	23,819	49,193
20-24	24,801	23,624	48,425
25-29	25,621	24,107	49,728
30-34	22,928	20,151	43,079
35-39	14,873	14,216	29,089
40-44	10,421	9,880	20,301
45-49	7,582	7,478	15,060
50-54	5,672	6,267	11,939
55-59	4,585	4,543	9,128
60-64	3,641	2,960	6,601
65-69	2,199	1,783	3,982
70-74	1,771	1,474	3,245
75-79	903	694	1,597
80+	838	648	1,486

Source: Statistics Centre - Abu Dhabi

### 3.1.8. Non-Citizen Population Estimates by Age Group and Gender, Mid 2012 (Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>1,415,664</b>	<b>442,177</b>	<b>1,857,841</b>
0-4	43,623	40,285	83,908
5-9	37,250	34,206	71,456
10-14	29,907	27,568	57,475
15-19	33,538	26,409	59,947
20-24	176,010	51,477	227,487
25-29	319,892	72,729	392,621
30-34	258,169	60,922	319,091
35-39	186,193	45,474	231,667
40-44	136,046	31,213	167,259
45-49	83,787	21,340	105,127
50-54	58,200	14,130	72,330
55-59	33,364	8,145	41,509
60-64	12,760	3,985	16,745
65-69	4,104	1,909	6,013
70-74	1,616	1,046	2,662
75-79	643	581	1,224
80+	562	758	1,320

Source: Statistics Centre - Abu Dhabi



### 3.1.9. Population Estimates by Age Group and Gender - Abu Dhabi Region, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>998,416</b>	<b>419,786</b>	<b>1,418,202</b>
0-4	48,926	45,315	94,241
5-9	41,740	38,364	80,104
10-14	33,793	30,651	64,444
15-19	33,183	29,332	62,515
20-24	116,023	44,358	160,381
25-29	213,522	60,356	273,878
30-34	175,271	52,741	228,012
35-39	120,883	39,575	160,458
40-44	85,497	27,419	112,916
45-49	52,307	19,533	71,840
50-54	36,488	13,673	50,161
55-59	23,002	8,540	31,542
60-64	10,501	4,649	15,150
65-69	3,859	2,313	6,172
70-74	1,882	1,434	3,316
75-79	834	692	1,526
80+	705	841	1,546

Source: Statistics Centre - Abu Dhabi

### 3.1.10. Citizen Population Estimates by Age Group and Gender - Abu Dhabi Region, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>130,506</b>	<b>123,234</b>	<b>253,740</b>
0-4	19,284	18,084	37,368
5-9	16,887	15,575	32,462
10-14	13,915	12,629	26,544
15-19	13,517	12,872	26,389
20-24	12,722	13,047	25,769
25-29	13,033	12,585	25,618
30-34	11,908	10,931	22,839
35-39	8,199	7,935	16,134
40-44	6,072	5,606	11,678
45-49	4,379	4,229	8,608
50-54	3,204	3,438	6,642
55-59	2,635	2,478	5,113
60-64	1,999	1,618	3,617
65-69	1,109	878	1,987
70-74	865	709	1,574
75-79	446	319	765
80+	332	301	633

Source: Statistics Centre - Abu Dhabi

### 3.1.11. Non-Citizen Population Estimates by Age Group and Gender- Abu Dhabi Region, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>867,910</b>	<b>296,552</b>	<b>1,164,462</b>
0-4	29,642	27,231	56,873
5-9	24,853	22,789	47,642
10-14	19,878	18,022	37,900
15-19	19,666	16,460	36,126
20-24	103,301	31,311	134,612
25-29	200,489	47,771	248,260
30-34	163,363	41,810	205,173
35-39	112,684	31,640	144,324
40-44	79,425	21,813	101,238
45-49	47,928	15,304	63,232
50-54	33,284	10,235	43,519
55-59	20,367	6,062	26,429
60-64	8,502	3,031	11,533
65-69	2,750	1,435	4,185
70-74	1,017	725	1,742
75-79	388	373	761
80+	373	540	913

Source: Statistics Centre - Abu Dhabi

### 3.1.12. Population Estimates by Age Group and Gender - Abu Dhabi Region Urban, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>672,493</b>	<b>303,242</b>	<b>975,735</b>
0-4	33,641	31,226	64,867
5-9	29,483	26,913	56,396
10-14	23,440	21,365	44,805
15-19	22,024	19,497	41,521
20-24	74,027	28,539	102,566
25-29	133,775	43,120	176,895
30-34	113,307	40,241	153,548
35-39	83,856	30,550	114,406
40-44	60,953	21,871	82,824
45-49	38,539	15,644	54,183
50-54	27,863	10,773	38,636
55-59	18,126	6,634	24,760
60-64	8,356	3,390	11,746
65-69	2,947	1,605	4,552
70-74	1,231	909	2,140
75-79	519	445	964
80+	406	520	926

Source: Statistics Centre - Abu Dhabi

### 3.1.13. Citizen Population Estimates by Age Group and Gender - Abu Dhabi Region Urban Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>62,518</b>	<b>58,193</b>	<b>120,711</b>
0-4	8,790	8,295	17,085
5-9	8,001	7,246	15,247
10-14	6,232	5,737	11,969
15-19	5,630	6,055	11,685
20-24	5,582	6,018	11,600
25-29	6,205	5,594	11,799
30-34	6,246	5,683	11,929
35-39	4,947	4,393	9,340
40-44	3,666	2,941	6,607
45-49	2,387	2,020	4,407
50-54	1,639	1,481	3,120
55-59	1,281	1,070	2,351
60-64	838	679	1,517
65-69	416	369	785
70-74	341	332	673
75-79	192	148	340
80+	125	132	257

Source: Statistics Centre - Abu Dhabi

### 3.1.14. Non-Citizen Population Estimates by Age Group and Gender -Abu Dhabi Region Urban, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>609,975</b>	<b>245,049</b>	<b>855,024</b>
0-4	24,851	22,931	47,782
5-9	21,482	19,667	41,149
10-14	17,208	15,628	32,836
15-19	16,394	13,442	29,836
20-24	68,445	22,521	90,966
25-29	127,570	37,526	165,096
30-34	107,061	34,558	141,619
35-39	78,909	26,157	105,066
40-44	57,287	18,930	76,217
45-49	36,152	13,624	49,776
50-54	26,224	9,292	35,516
55-59	16,845	5,564	22,409
60-64	7,518	2,711	10,229
65-69	2,531	1,236	3,767
70-74	890	577	1,467
75-79	327	297	624
80+	281	388	669

Source: Statistics Centre - Abu Dhabi

### 3.1.15. Population Estimates by Age Group and Gender - Abu Dhabi Region Rural, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>325,923</b>	<b>116,544</b>	<b>442,467</b>
0-4	15,285	14,089	29,374
5-9	12,257	11,451	23,708
10-14	10,353	9,286	19,639
15-19	11,159	9,835	20,994
20-24	41,996	15,819	57,815
25-29	79,747	17,236	96,983
30-34	61,964	12,500	74,464
35-39	37,027	9,025	46,052
40-44	24,544	5,548	30,092
45-49	13,768	3,889	17,657
50-54	8,625	2,900	11,525
55-59	4,876	1,906	6,782
60-64	2,145	1,259	3,404
65-69	912	708	1,620
70-74	651	525	1,176
75-79	315	247	562
80+	299	321	620

Source: Statistics Centre - Abu Dhabi

### 3.1.16. Citizen Population Estimates by Age Group and Gender Abu Dhabi Region Rural, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>67,988</b>	<b>65,041</b>	<b>133,029</b>
0-4	10,494	9,789	20,283
5-9	8,886	8,329	17,215
10-14	7,683	6,892	14,575
15-19	7,887	6,817	14,704
20-24	7,140	7,029	14,169
25-29	6,828	6,991	13,819
30-34	5,662	5,248	10,910
35-39	3,252	3,542	6,794
40-44	2,406	2,665	5,071
45-49	1,992	2,209	4,201
50-54	1,565	1,957	3,522
55-59	1,354	1,408	2,762
60-64	1,161	939	2,100
65-69	693	509	1,202
70-74	524	377	901
75-79	254	171	425
80+	207	169	376

Source: Statistics Centre - Abu Dhabi



### 3.1.17. Non-Citizen Population Estimates by Age Group and Gender Abu Dhabi Region Rural, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>257,935</b>	<b>51,503</b>	<b>309,438</b>
0-4	4,791	4,300	9,091
5-9	3,371	3,122	6,493
10-14	2,670	2,394	5,064
15-19	3,272	3,018	6,290
20-24	34,856	8,790	43,646
25-29	72,919	10,245	83,164
30-34	56,302	7,252	63,554
35-39	33,775	5,483	39,258
40-44	22,138	2,883	25,021
45-49	11,776	1,680	13,456
50-54	7,060	943	8,003
55-59	3,522	498	4,020
60-64	984	320	1,304
65-69	219	199	418
70-74	127	148	275
75-79	61	76	137
80+	92	152	244

Source: Statistics Centre - Abu Dhabi

### 3.1.18. Population Estimates by Age Group and Gender - Al Ain Region, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>409,434</b>	<b>221,571</b>	<b>631,005</b>
0-4	27,738	26,144	53,882
5-9	23,543	21,877	45,420
10-14	19,558	17,987	37,545
15-19	21,218	18,287	39,505
20-24	51,237	27,297	78,534
25-29	72,953	32,420	105,373
30-34	59,272	25,052	84,324
35-39	44,548	17,533	62,081
40-44	33,780	11,905	45,685
45-49	21,999	8,152	30,151
50-54	15,728	5,938	21,666
55-59	9,200	3,665	12,865
60-64	4,264	2,058	6,322
65-69	1,999	1,261	3,260
70-74	1,238	959	2,197
75-79	580	526	1,106
80+	579	510	1,089

Source: Statistics Centre - Abu Dhabi

### 3.1.19. Citizen Population Estimates by Age Group and Gender - Al Ain Region, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>98,686</b>	<b>95,472</b>	<b>194,158</b>
0-4	15,909	15,257	31,166
5-9	13,088	12,452	25,540
10-14	11,075	9,990	21,065
15-19	10,505	9,678	20,183
20-24	10,003	9,330	19,333
25-29	9,925	10,304	20,229
30-34	8,658	8,338	16,996
35-39	5,488	5,654	11,142
40-44	3,610	3,851	7,461
45-49	2,625	2,892	5,517
50-54	2,039	2,551	4,590
55-59	1,650	1,843	3,493
60-64	1,485	1,185	2,670
65-69	1,001	836	1,837
70-74	804	672	1,476
75-79	385	341	726
80+	436	298	734

Source: Statistics Centre - Abu Dhabi

### 3.1.20. Non-Citizen Population Estimates by Age Group and Gender - Al Ain Region, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>310,748</b>	<b>126,099</b>	<b>436,847</b>
0-4	11,829	10,887	22,716
5-9	10,455	9,425	19,880
10-14	8,483	7,997	16,480
15-19	10,713	8,609	19,322
20-24	41,234	17,967	59,201
25-29	63,028	22,116	85,144
30-34	50,614	16,714	67,328
35-39	39,060	11,879	50,939
40-44	30,170	8,054	38,224
45-49	19,374	5,260	24,634
50-54	13,689	3,387	17,076
55-59	7,550	1,822	9,372
60-64	2,779	873	3,652
65-69	998	425	1,423
70-74	434	287	721
75-79	195	185	380
80+	143	212	355

Source: Statistics Centre - Abu Dhabi

### 3.1.21. Population Estimates by Age Group and Gender - Al Ain Region Urban, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>264,714</b>	<b>156,000</b>	<b>420,714</b>
0-4	19,051	17,956	37,007
5-9	16,164	15,115	31,279
10-14	13,281	12,149	25,430
15-19	14,130	11,857	25,987
20-24	31,301	17,818	49,119
25-29	45,670	22,784	68,454
30-34	37,321	18,585	55,906
35-39	28,181	13,600	41,781
40-44	21,377	9,185	30,562
45-49	14,678	6,247	20,925
50-54	11,007	4,368	15,375
55-59	6,559	2,703	9,262
60-64	3,047	1,475	4,522
65-69	1,375	875	2,250
70-74	831	633	1,464
75-79	398	341	739
80+	343	309	652

Source: Statistics Centre - Abu Dhabi

### 3.1.22. Citizen Population Estimates by Age Group and Gender - Al Ain Region Urban, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>56,959</b>	<b>56,022</b>	<b>112,981</b>
0-4	9,225	8,893	18,118
5-9	7,405	7,244	14,649
10-14	6,238	5,553	11,791
15-19	5,915	5,305	11,220
20-24	5,617	5,290	10,907
25-29	5,684	6,053	11,737
30-34	5,235	5,275	10,510
35-39	3,520	3,713	7,233
40-44	2,244	2,379	4,623
45-49	1,570	1,703	3,273
50-54	1,134	1,436	2,570
55-59	863	1,099	1,962
60-64	800	735	1,535
65-69	540	534	1,074
70-74	468	428	896
75-79	240	197	437
80+	261	185	446

Source: Statistics Centre - Abu Dhabi

### 3.1.23. Non-Citizen Population Estimates by Age Group and Gender - Al Ain Region Urban, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>207,755</b>	<b>99,978</b>	<b>307,733</b>
0-4	9,826	9,063	18,889
5-9	8,759	7,871	16,630
10-14	7,043	6,596	13,639
15-19	8,215	6,552	14,767
20-24	25,684	12,528	38,212
25-29	39,986	16,731	56,717
30-34	32,086	13,310	45,396
35-39	24,661	9,887	34,548
40-44	19,133	6,806	25,939
45-49	13,108	4,544	17,652
50-54	9,873	2,932	12,805
55-59	5,696	1,604	7,300
60-64	2,247	740	2,987
65-69	835	341	1,176
70-74	363	205	568
75-79	158	144	302
80+	82	124	206

Source: Statistics Centre - Abu Dhabi

### 3.1.24. Population Estimates by Age Group and Gender - Al Ain Region Rural, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>144,720</b>	<b>65,571</b>	<b>210,291</b>
0-4	8,687	8,188	16,875
5-9	7,379	6,762	14,141
10-14	6,277	5,838	12,115
15-19	7,088	6,430	13,518
20-24	19,936	9,479	29,415
25-29	27,283	9,636	36,919
30-34	21,951	6,467	28,418
35-39	16,367	3,933	20,300
40-44	12,403	2,720	15,123
45-49	7,321	1,905	9,226
50-54	4,721	1,570	6,291
55-59	2,641	962	3,603
60-64	1,217	583	1,800
65-69	624	386	1,010
70-74	407	326	733
75-79	182	185	367
80+	236	201	437

Source: Statistics Centre - Abu Dhabi



### 3.1.25. Citizen Population Estimates by Age Group and Gender - Al Ain Region Rural, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>41,727</b>	<b>39,450</b>	<b>81,177</b>
0-4	6,684	6,364	13,048
5-9	5,683	5,208	10,891
10-14	4,837	4,437	9,274
15-19	4,590	4,373	8,963
20-24	4,386	4,040	8,426
25-29	4,241	4,251	8,492
30-34	3,423	3,063	6,486
35-39	1,968	1,941	3,909
40-44	1,366	1,472	2,838
45-49	1,055	1,189	2,244
50-54	905	1,115	2,020
55-59	787	744	1,531
60-64	685	450	1,135
65-69	461	302	763
70-74	336	244	580
75-79	145	144	289
80+	175	113	288

Source: Statistics Centre - Abu Dhabi

### 3.1.26. Non-Citizen Population Estimates by Age Group and Gender - Al Ain Region Rural, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>102,993</b>	<b>26,121</b>	<b>129,114</b>
0-4	2,003	1,824	3,827
5-9	1,696	1,554	3,250
10-14	1,440	1,401	2,841
15-19	2,498	2,057	4,555
20-24	15,550	5,439	20,989
25-29	23,042	5,385	28,427
30-34	18,528	3,404	21,932
35-39	14,399	1,992	16,391
40-44	11,037	1,248	12,285
45-49	6,266	716	6,982
50-54	3,816	455	4,271
55-59	1,854	218	2,072
60-64	532	133	665
65-69	163	84	247
70-74	71	82	153
75-79	37	41	78
80+	61	88	149

Source: Statistics Centre - Abu Dhabi

### 3.1.27. Population Estimates by Age Group and Gender - Al Gharbia, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>254,201</b>	<b>31,155</b>	<b>285,356</b>
0-4	4,190	4,060	8,250
5-9	3,604	3,511	7,115
10-14	2,866	2,841	5,707
15-19	4,511	2,609	7,120
20-24	33,551	3,446	36,997
25-29	59,038	4,060	63,098
30-34	46,554	3,280	49,834
35-39	35,635	2,582	38,217
40-44	27,190	1,769	28,959
45-49	17,063	1,133	18,196
50-54	11,656	786	12,442
55-59	5,747	483	6,230
60-64	1,636	238	1,874
65-69	445	118	563
70-74	267	127	394
75-79	132	57	189
80+	116	55	171

Source: Statistics Centre - Abu Dhabi

### 3.1.28. Citizen Population Estimates by Age Group and Gender - Al Gharbia, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>17,195</b>	<b>11,629</b>	<b>28,824</b>
0-4	2,038	1,893	3,931
5-9	1,662	1,519	3,181
10-14	1,320	1,292	2,612
15-19	1,352	1,269	2,621
20-24	2,076	1,247	3,323
25-29	2,663	1,218	3,881
30-34	2,362	882	3,244
35-39	1,186	627	1,813
40-44	739	423	1,162
45-49	578	357	935
50-54	429	278	707
55-59	300	222	522
60-64	157	157	314
65-69	89	69	158
70-74	102	93	195
75-79	72	34	106
80+	70	49	119

Source: Statistics Centre - Abu Dhabi

### 3.1.29. Non-Citizen Population Estimates by Age Group and Gender - Al Gharbia, Mid 2012

(Persons)

Age Group	Males	Females	Total
<b>Total</b>	<b>237,006</b>	<b>19,526</b>	<b>256,532</b>
0-4	2,152	2,167	4,319
5-9	1,942	1,992	3,934
10-14	1,546	1,549	3,095
15-19	3,159	1,340	4,499
20-24	31,475	2,199	33,674
25-29	56,375	2,842	59,217
30-34	44,192	2,398	46,590
35-39	34,449	1,955	36,404
40-44	26,451	1,346	27,797
45-49	16,485	776	17,261
50-54	11,227	508	11,735
55-59	5,447	261	5,708
60-64	1,479	81	1,560
65-69	356	49	405
70-74	165	34	199
75-79	60	23	83
80+	46	6	52

Source: Statistics Centre - Abu Dhabi

### 3.1.30. Age Dependency Ratio by Type, Citizenship and Region, Mid 2012

(Average Number of Dependants per Person)

Type and Citizenship	Abu Dhabi Region	Al Ain Region	Al Gharbia	Abu Dhabi Emirate
<b>Age Dependency Ratio</b>				
<b>Total</b>	<b>21.5</b>	<b>29.7</b>	<b>8.5</b>	<b>21.8</b>
Citizens	66.5	74.0	55.6	68.7
Non-Citizens	14.8	16.5	4.9	13.7
<b>Age Dependency Ratio, Old</b>				
<b>Total</b>	<b>1.1</b>	<b>1.6</b>	<b>0.5</b>	<b>1.1</b>
Citizens	3.3	4.3	3.1	3.6
Non-Citizens	0.7	0.8	0.3	0.7
<b>Age Dependency Ratio, Young</b>				
<b>Total</b>	<b>20.5</b>	<b>28.1</b>	<b>8.0</b>	<b>20.7</b>
Citizens	63.2	69.7	52.5	65.1
Non-Citizens	14.0	15.8	4.6	13.0

Source: Statistics Centre - Abu Dhabi

### 3.1.31. Sex Ratio by Citizenship and Region, Mid 2012

(Males per 100 females)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Gharbia	Abu Dhabi Emirate
<b>Total</b>	<b>237.8</b>	<b>184.8</b>	<b>815.9</b>	<b>247.1</b>
Citizens	105.9	103.4	147.9	107.0
Non-Citizens	292.7	246.4	1213.8	320.2

Source: Statistics Centre - Abu Dhabi

### 3.1.32. Sex Ratio by Citizenship

(Males per 100 females)

Citizenship	2005	2010	2011	2012
<b>Total</b>	<b>197.2</b>	<b>234.6</b>	<b>239.2</b>	<b>247.1</b>
Citizens	102.0	100.9	106.2	107.0
Non-Citizens	252.9	312.2	309.6	320.2

Source: Statistics Centre - Abu Dhabi

### 3.1.33. Percentage Distribution of Population by Wide Age Group, Citizenship and Gender, 2012

(%)

Citizenship / Gender	0-14	15-64	65+
<b>Grand Total</b>	<b>17.0</b>	<b>82.1</b>	<b>0.9</b>
Males	12.4	86.8	0.8
Females	28.4	70.3	1.3
<b>Citizens</b>	<b>38.6</b>	<b>59.3</b>	<b>2.2</b>
Males	38.6	59.1	2.3
Females	38.5	59.5	2.0
<b>Non-Citizens</b>	<b>11.5</b>	<b>87.9</b>	<b>0.6</b>
Males	7.8	91.7	0.5
Females	23.1	75.9	1.0

Source: Statistics Centre - Abu Dhabi

## 3.2. Births and Deaths

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

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

The number of births in the Abu Dhabi Emirate in 2012 was 34,103, comprising 17,353 males and 16,750 females. The number of deaths during the same Year was 2,923 including 2,052 males and 862 females.

The 2012 Crude Birth Rates for citizens, non-citizens and the population as a whole were 31.5, 10.2 and 14.6 births per 1,000 population respectively.

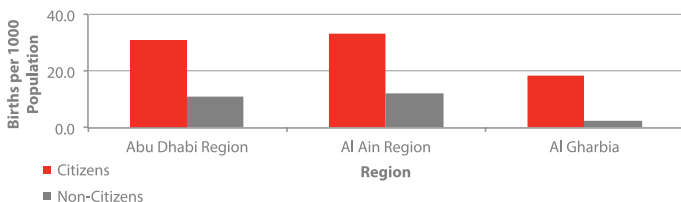
The 2012 Crude Death Rates for citizens, non-citizens and the population as a whole were 2.0, 1.0 and 1.3 deaths per 1,000 population respectively.

The 2012 Infant Mortality Rates for citizens, non-citizens and the population as a whole were 7.0, 5.8 and 6.4 infant (less than one Year old) deaths per 1,000 live births respectively. The corresponding figures among Child Mortality Rates were 9.3, 7.4 and 8.2 child (less than five Years old) deaths per 1,000 population respectively.

Life expectancy at birth represents the average number of Years that a baby could expect to live, assuming current age-specific death rates were experienced. In 2012, life expectancy at birth for Abu Dhabi Emirate was 76.9 Years for both genders. Life expectancy at birth was 75.2 Years for male citizens, and 78.7 Years for female citizens.

The proportion of births likely to survive to an age of 65 Years were 88.5% and 92.9% for male and female citizens respectively. The proportion of individuals likely to survive from 15 to 60 Years of age among for male and female citizens were 92.9% and 96.5% respectively.

**Figure 3.2.1 Crude Birth Rate (Births Per 1000 Population) by Citizenship and Region, 2012**



Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, April 2013



### 3.2.1. Sex Ratio at Birth by Citizenship

(Males per 100 females)

Citizenship	2005	2010	2011	2012*
<b>Total</b>	<b>106.3</b>	<b>108.4</b>	<b>103.5</b>	<b>103.6</b>
Citizens	105.2	107.3	103.1	103.8
Non-Citizens	107.2	109.3	103.9	103.5

Source: Statistics Centre - Abu Dhabi

\* Based on Health Authority - Abu Dhabi preliminary data, April 2013

### 3.2.2. Sex Ratio at Birth by Citizenship and Region, 2012

(Males per 100 females)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Gharbia	Abu Dhabi Emirate
<b>Total</b>	<b>104.1</b>	<b>103.1</b>	<b>100.7</b>	<b>103.6</b>
Citizens	104.4	103.0	109.9	103.8
Non-Citizens	104.0	103.4	94.0	103.5

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data, April 2013

### 3.2.3. Births by Citizenship, Gender and Region, 2012

(Births)

Citizenship and Gender	Males	Females	Total
<b>Grand Total</b>	<b>17,353</b>	<b>16,750</b>	<b>34,103</b>
Abu Dhabi Region	10,651	10,227	20,878
Al Ain Region	6,005	5,823	11,828
Al Gharbia	592	588	1,180
Not Stated	105	112	217
<b>Citizens</b>	<b>7,652</b>	<b>7,373</b>	<b>15,025</b>
Abu Dhabi Region	4,004	3,837	7,841
Al Ain Region	3,270	3,175	6,445
Al Gharbia	278	253	531
Not Stated	100	108	208
<b>Non-Citizens</b>	<b>9,674</b>	<b>9,350</b>	<b>19,024</b>
Abu Dhabi Region	6,632	6,378	13,010
Al Ain Region	2,725	2,636	5,361
Al Gharbia	314	334	648
Not Stated	3	2	5
<b>Not Stated</b>	<b>27</b>	<b>27</b>	<b>54</b>
Abu Dhabi Region	15	12	27
Al Ain Region	10	12	22
Al Gharbia	0	1	1
Not Stated	2	2	4

Source: Health Authority - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data

### 3.2.4. Crude Birth Rate by Citizenship

(Births Per 1000 Population)

Citizenship	2005	2010	2011	2012*
<b>Total</b>	<b>19.7</b>	<b>15.0</b>	<b>14.8</b>	<b>14.6</b>
Citizens	35.7	31.1	32.2	31.5
Non-Citizens	14.4	10.3	10.2	10.2

Source: Statistics Centre - Abu Dhabi

\* Based on Health Authority - Abu Dhabi preliminary data, April 2013

### 3.2.5. Crude Birth Rate by Citizenship and Region, 2012

(Births Per 1000 Population)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Gharbia	Abu Dhabi Emirate
<b>Total</b>	<b>14.7</b>	<b>18.7</b>	<b>4.1</b>	<b>14.6</b>
Citizens	30.9	33.2	18.4	31.5
Non-Citizens	11.2	12.3	2.5	10.2

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data

### 3.2.6. General Fertility Rate by Citizenship and Region, 2012

(Births Per 1000 Female Population 15-49 Years)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Gharbia	Abu Dhabi Emirate
<b>Total</b>	<b>76.4</b>	<b>84.1</b>	<b>62.5</b>	<b>78.8</b>
Citizens	116.7	128.8	88.2	121.9
Non-Citizens	63.1	59.2	50.4	61.5

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data

### 3.2.7. Total Fertility Rate by Citizenship and Region, 2012

(Children per Woman)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Gharbia	Abu Dhabi Emirate
<b>Total</b>	<b>2.2</b>	<b>2.4</b>	<b>1.8</b>	<b>2.2</b>
Citizens	3.6	3.9	2.8	3.8
Non-Citizens	1.7	1.7	1.4	1.7

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data

### 3.2.8. Age Specific Fertility Rates by Age Group and Region, 2012

(Births Per 1000 Female Population)

Age Group	Abu Dhabi Region	Al Ain Region	Al Gharbia	Abu Dhabi Emirate
15-19	14.7	17.7	14.6	15.8
20-24	80.5	86.5	73.4	83.0
25-29	118.8	117.8	93.6	118.0
30-34	113.6	127.3	93.3	117.6
35-39	74.0	94.0	57.3	79.6
40-44	26.2	35.1	30.0	29.4
45-49	3.0	7.2	1.8	4.4

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data

### 3.2.9. Deaths by Citizenship, Gender and Region, 2012

(Deaths)

Citizenship and Gender	Males	Females	Not Stated	Total
<b>Grand Total</b>	<b>2,052</b>	<b>862</b>	<b>9</b>	<b>2,923</b>
Abu Dhabi Region	1,182	478	4	1,664
Al Ain Region	586	312	3	901
Al Gharbia	176	23	1	200
Not Stated	108	49	1	158
<b>Citizens</b>	<b>618</b>	<b>352</b>	<b>6</b>	<b>976</b>
Abu Dhabi Region	304	189	2	495
Al Ain Region	190	105	3	298
Al Gharbia	21	9	1	31
Not Stated	103	49	-	152
<b>Non-Citizens</b>	<b>1,434</b>	<b>508</b>	<b>3</b>	<b>1,945</b>
Abu Dhabi Region	878	288	2	1,168
Al Ain Region	396	207	-	603
Al Gharbia	155	13	-	168
Not Stated	5	-	1	6
<b>Not Stated</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>2</b>
Abu Dhabi Region	-	1	-	1
Al Ain Region	-	-	-	-
Al Gharbia	-	1	-	1
Not Stated	-	-	-	-

Source: Health Authority - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data

### 3.2.10. Crude Death Rate by Citizenship and Gender

(Deaths Per 1000 Population)

Citizenship and Gender	2005	2010	2011	2012*
<b>Grand Total</b>	<b>1.8</b>	<b>1.5</b>	<b>1.3</b>	<b>1.3</b>
Males	1.9	1.5	1.4	1.2
Females	1.5	1.4	1.3	1.3
<b>Citizens</b>	<b>2.4</b>	<b>2.2</b>	<b>2.1</b>	<b>2.0</b>
Males	2.8	2.6	2.4	2.5
Females	1.9	1.8	1.7	1.5
<b>Non-Citizens</b>	<b>1.6</b>	<b>1.2</b>	<b>1.1</b>	<b>1.0</b>
Males	1.7	1.3	1.2	1.0
Females	1.3	1.1	1.1	1.1

Source: Statistics Centre - Abu Dhabi

\* Based on Health Authority - Abu Dhabi preliminary data

### 3.2.11. Crude Death Rate by Citizenship, Gender and Region, 2012

(Deaths Per 1000 Population)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Gharbia	Abu Dhabi Emirate
<b>Grand Total</b>	<b>1.2</b>	<b>1.4</b>	<b>0.7</b>	<b>1.3</b>
Males	1.2	1.4	0.7	1.2
Females	1.1	1.4	0.7	1.3
<b>Citizens</b>	<b>2.0</b>	<b>1.5</b>	<b>1.1</b>	<b>2.0</b>
Males	2.3	1.9	1.2	2.5
Females	1.5	1.1	0.8	1.5
<b>Non-Citizens</b>	<b>1.0</b>	<b>1.4</b>	<b>0.7</b>	<b>1.0</b>
Males	1.0	1.3	0.7	1.0
Females	1.0	1.6	0.7	1.1

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data

3.2.12. Age Specific Death Rate by Age Group and Gender, 2012

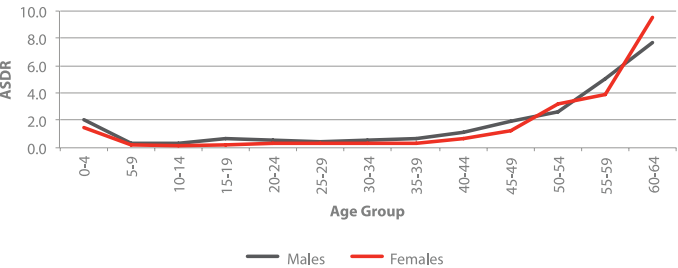
(Deaths Per 1000 Population)

Age Group	Males	Females	Total
<b>Total</b>	<b>1.2</b>	<b>1.3</b>	<b>1.3</b>
0-4	2.0	1.5	1.8
5-9	0.3	0.2	0.2
10-14	0.3	0.2	0.2
15-19	0.7	0.2	0.5
20-24	0.5	0.3	0.5
25-29	0.5	0.3	0.4
30-34	0.5	0.3	0.5
35-39	0.7	0.3	0.6
40-44	1.1	0.6	1.0
45-49	2.0	1.3	1.8
50-54	2.6	3.2	2.8
55-59	5.0	3.9	4.7
60-64	7.7	9.5	8.2
65-69	17.9	14.9	16.8
70-74	31.9	31.7	32.2
75-79	44.6	53.3	48.6
80+	94.3	125.2	110.1

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data

Figure 3.2.2 Age Specific Deaths Rate (ASDR) (Deaths Per 1000 Population) by Age Group (up to 64 Years) and Gender, 2012

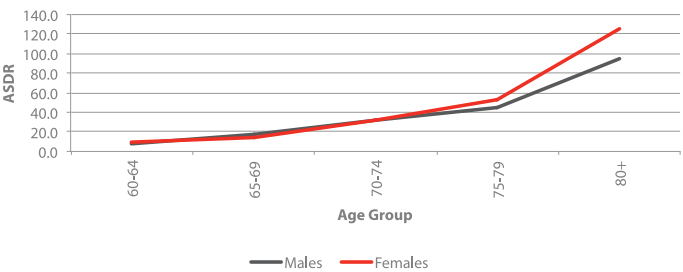


Source: Statistics Centre - Abu Dhabi

Age range truncated in the figure to depict gender variation for these age groups

Based on Health Authority - Abu Dhabi preliminary data

**Figure 3.2.3 Age Specific Death Rate (Deaths Per 1000 Population)by Age Group (60 Years and older) and Gender, 2012**



Source: Statistics Centre - Abu Dhabi

Age range truncated in the figure to depict gender variation for these age groups  
Based on Health Authority - Abu Dhabi preliminary data, April 2013

**3.2.10. Deaths by Region, Citizenship, Gender and Age at Death, 2012**  
( Deaths )

Region, Citizenship and Gender	Deaths	Neonatal Deaths	Infant Deaths	Child Deaths
	(All Ages)	Below 1 Month	Under 1 Year	(1-4) Years
<b>Abu Dhabi Emirate</b>	<b>2,923</b>	<b>135</b>	<b>217</b>	<b>64</b>
Abu Dhabi Region	1,664	101	147	30
Al Ain Region	901	27	59	23
Al Gharbia	200	5	6	2
Not Stated	158	2	5	9
<b>Citizenship</b>				
Citizens	976	72	105	34
Non-Citizens	1,945	62	111	30
Not Stated	2	1	1	0
<b>Gender</b>				
Males	2,052	75	126	38
Females	862	56	87	25
Not Stated	9	4	4	1

Source: Health Authority - Abu Dhabi  
Based on Health Authority - Abu Dhabi preliminary data



### 3.2.14. Infant Mortality Rate (Under 1 Year) by Citizenship, Gender and Region, 2012

(Deaths per 1000 Live Births )

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Gharbia*	Abu Dhabi Emirate
<b>Grand Total</b>	<b>7.0</b>	<b>5.0</b>	<b>-</b>	<b>6.4</b>
Males	7.7	6.7	-	7.3
Females	6.2	3.1	-	5.2
<b>Citizens</b>	<b>8.8</b>	<b>5.0</b>	<b>-</b>	<b>7.0</b>
Males	9.7	7.0	-	8.5
Females	7.6	2.5	-	5.2
<b>Non- Citizen</b>	<b>6.0</b>	<b>5.0</b>	<b>-</b>	<b>5.8</b>
Males	6.5	6.2	-	6.3
Females	5.3	3.8	-	5.1

Source: Statistics Centre - Abu Dhabi

\*Specific values for Al Gharbia Region are excluded due to technical issues,however are included in totals.  
Based on Health Authority - Abu Dhabi preliminary data

### 3.2.15. Child Mortality Rate (Under 5 Years) by Citizenship, Gender and Region, 2012

(Deaths Per 100 Population)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Gharbia*	Abu Dhabi Emirate
<b>Grand Total</b>	<b>8.5</b>	<b>6.9</b>	<b>-</b>	<b>8.2</b>
Males	9.4	9.2	-	9.5
Females	7.3	4.5	-	6.7
<b>Citizens</b>	<b>10.7</b>	<b>6.2</b>	<b>-</b>	<b>9.3</b>
Males	12.2	8.9	-	11.2
Females	8.9	3.1	-	6.8
<b>Non-Citizens</b>	<b>7.1</b>	<b>7.8</b>	<b>-</b>	<b>7.4</b>
Males	7.7	9.5	-	8.1
Females	6.4	6.1	-	6.5

Source: Statistics Centre - Abu Dhabi

\*Specific values for Al Gharbia Region are excluded due to technical issues,however are included in totals.  
Based on Health Authority - Abu Dhabi preliminary data

### 3.2.16. Natural Increase Rate by Citizenship, Gender and Region, 2012 (Per 100 Population)

Citizenship	Abu Dhabi Region	Al Ain Region	Al Gharbia	Abu Dhabi Emirate
<b>Total</b>	<b>1.4</b>	<b>1.7</b>	<b>0.3</b>	<b>1.3</b>
Citizens	2.9	3.2	1.7	2.9
Non-Citizens	1.0	1.1	0.2	0.9

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data

### 3.2.17. Life Expectancy at Birth for Citizens by Region and Gender, 2012 (Years)

Region	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>75.2</b>	<b>78.7</b>	<b>76.9</b>
Abu Dhabi Region	75.4	77.9	76.6
Al Ain Region	78.4	81.5	79.9
Al Gharbia	80.7	79.8	80.2

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data

### 3.2.18. Births Surviving to Age 65 Years for Citizens by Region and Gender, 2012 (%)

Region	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>88.5</b>	<b>92.9</b>	<b>90.6</b>
Abu Dhabi Region	89.6	93.9	91.7
Al Ain Region	93.2	95.2	94.2
Al Gharbia	91.6	90.1	90.8

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data

### 3.2.19. Individuals Aged 15 Years who will Survive to Age 60 Years for Citizens by Region and Gender, 2012 (%)

Region	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>92.9</b>	<b>96.5</b>	<b>94.7</b>
Abu Dhabi Region	90.9	94.8	92.8
Al Ain Region	94.2	95.8	95.0
Al Gharbia	93.3	91.2	92.3

Source: Statistics Centre - Abu Dhabi

Based on Health Authority - Abu Dhabi preliminary data

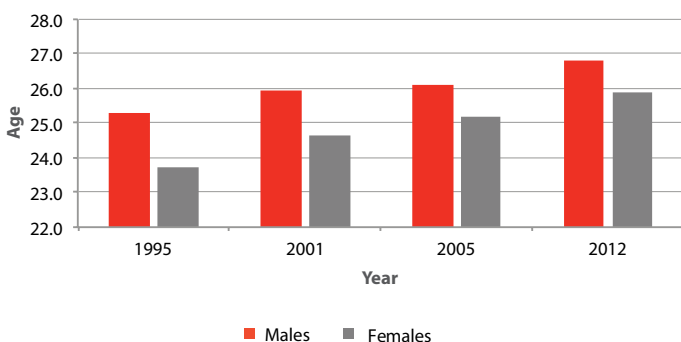
### 3.3. Marriage and Divorce

Marriages are measured as the number of registered marriage contracts. According to Emirate of Abu Dhabi – Judicial Department statistics there were 5,570 new marriage contracts registered in 2012, in 3,157 of these marriages the wife was an Emirati citizen.

Divorces are measured as the number of marriage dissolutions granted by Emirate of Abu Dhabi – Judicial Department. The number of divorces during 2012 was 1,700 of which 835 divorces involved female Emirati citizens.

The average age at first marriage is measured by the Singulate Mean Age at first Marriage (SMAM). SMAM is an indirect measure of the average number of Years spent as single for those who marry before becoming 50 Years of age. Female citizen SMAM increased from 23.7 Years in 1995 to 25.9 Years in 2012, while the SMAM for males did not show an equally significant increase. The increase for males was only from 25.3 Years in 1995 to 26.8 Years in 2012.

**Figure 3.3.1. Singulate Mean Age at first Marriage for Citizens by Gender**



Source: Statistics Centre - Abu Dhabi

### 3.3.1. Registered Marriages By Region, Citizenship and Gender

(Marriage Contracts)

Region, Citizenship and Gender	2005	2010	2011	2012
<b>Abu Dhabi Emirate</b>	<b>5,552</b>	<b>5,848</b>	<b>5,708</b>	<b>5,570</b>
<b>Citizens</b>				
Males	3,353	3,642	3,521	3,439
Females	3,059	3,242	3,145	3,157
<b>Non-Citizens</b>				
Males	2,199	2,206	2,187	2,131
Females	2,493	2,606	2,563	2,413
<b>Abu Dhabi Region</b>	<b>3,318</b>	<b>3,347</b>	<b>3,226</b>	<b>3,167</b>
<b>Citizens</b>				
Males	1,725	1,818	1,741	1,708
Females	1,483	1,603	1,517	1,553
<b>Non-Citizens</b>				
Males	1,593	1,529	1,485	1,459
Females	1,835	1,744	1,709	1,614
<b>Al Ain Region</b>	<b>2,021</b>	<b>2,250</b>	<b>2,224</b>	<b>2,167</b>
<b>Citizens</b>				
Males	1,453	1,614	1,578	1,536
Females	1,412	1,441	1,430	1,424
<b>Non-Citizens</b>				
Males	568	636	646	631
Females	609	809	794	743
<b>Al Gharbia</b>	<b>213</b>	<b>251</b>	<b>258</b>	<b>236</b>
<b>Citizens</b>				
Males	175	210	202	195
Females	164	198	198	180
<b>Non-Citizens</b>				
Males	38	41	56	41
Females	49	53	60	56

Source: Emirate of Abu Dhabi – Judicial Department

### 3.3.2. Singulate Mean Age at First Marriage (SMAM\*) by Citizenship and Gender (Years)

Citizenship and Gender	1995	2001	2005	2012
<b>Grand Total</b>				
Males	27.0	27.3	26.7	27.9
Females	24.4	25.2	25.1	26.8
<b>Citizens</b>				
Males	25.3	25.9	26.1	26.8
Females	23.7	24.6	25.2	25.9
<b>Non-Citizens</b>				
Males	27.2	27.5	26.8	28.0
Females	24.5	25.3	25.1	27.1

Source: Statistics Centre - Abu Dhabi

\* Average number of Years lived unmarried before first marriage for those who will ultimately marry before age 50 Years

### 3.3.3. Medain Age at First Marriage by Region, Citizenship and Gender, 2012

(Years)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Gharbia	Abu Dhabi Emirate
<b>Grand Total</b>				
Males	27.1	25.6	24.8	26.4
Females	24.5	23.2	21.8	24.0
<b>Citizens</b>				
Males	25.2	24.8	24.2	25.0
Females	23.1	22.6	21.8	22.8
<b>Non-Citizens</b>				
Males	29.2	28.5	27.1	29.0
Females	26.2	25.1	22.1	25.7

Source: Statistics Centre - Abu Dhabi

### 3.3.4. Crude Marriage Rate by Region, Citizenship and Gender, 2012

(Per 1000 Population)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Gharbia	Abu Dhabi Emirate
<b>Total</b>	<b>2.2</b>	<b>3.4</b>	<b>0.8</b>	<b>2.4</b>
Male Citizens	13.1	15.6	11.3	14.0
Female Citizens	12.6	14.9	15.5	13.7
Male Non-Citizens	1.7	2.0	0.2	1.5
Female Non-Citizens	5.4	5.9	2.9	5.5

Source: Statistics Centre - Abu Dhabi

**3.3.5. General Marriage Rates by Region, Citizenship and Gender, 2012**

(Per 1000 Population 15 Years and Older)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Gharbia	Abu Dhabi Emirate
<b>Total</b>	<b>2.7</b>	<b>4.4</b>	<b>0.9</b>	<b>2.9</b>
Male Citizens	21.2	26.2	16.0	22.7
Female Citizens	20.2	24.6	26.0	22.3
Male Non-Citizens	1.8	2.3	0.2	1.6
Female Non-Citizens	7.1	7.6	4.1	7.1

Source: Statistics Centre - Abu Dhabi

**3.3.6. Registered Divorces by Region, Citizenship and Gender**

(Registered Divorces)

Region, Citizenship and Gender	2005	2010	2011	2012
<b>Abu Dhabi Emirate</b>	<b>1,804</b>	<b>1,769</b>	<b>1,803</b>	<b>1,700</b>
<b>Citizens</b>				
Males	1,177	1,091	1,136	1,073
Females	839	820	897	835
<b>Non-Citizens</b>				
Males	627	678	667	627
Females	965	949	906	865
<b>Abu Dhabi Region</b>	<b>1,177</b>	<b>1,201</b>	<b>1,170</b>	<b>1,073</b>
<b>Citizens</b>				
Males	713	707	684	630
Females	473	529	538	482
<b>Non-Citizens</b>				
Males	464	494	486	443
Females	704	672	632	591
<b>Al Ain Region</b>	<b>571</b>	<b>512</b>	<b>583</b>	<b>575</b>
<b>Citizens</b>				
Males	421	346	419	404
Females	331	256	327	319
<b>Non-Citizens</b>				
Males	150	166	164	171
Females	240	256	256	256
<b>Al Gharbia</b>	<b>56</b>	<b>56</b>	<b>50</b>	<b>52</b>
<b>Citizens</b>				
Males	43	38	33	39
Females	35	35	32	34
<b>Non-Citizens</b>				
Males	13	18	17	13
Females	21	21	18	18

Source: Emirate of Abu Dhabi – Judicial Department

### 3.3.7. Crude Divorce Rate by Region, Citizenship and Gender, 2012

(Per 1000 Population)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Gharbia	Abu Dhabi Emirate
<b>Total</b>	<b>0.8</b>	<b>0.9</b>	<b>0.2</b>	<b>0.7</b>
Male Citizens	4.8	4.1	2.3	4.4
Female Citizens	3.9	3.3	2.9	3.6
Male Non-Citizens	0.5	0.6	0.1	0.4
Female Non-Citizens	2.0	2.0	0.9	2.0

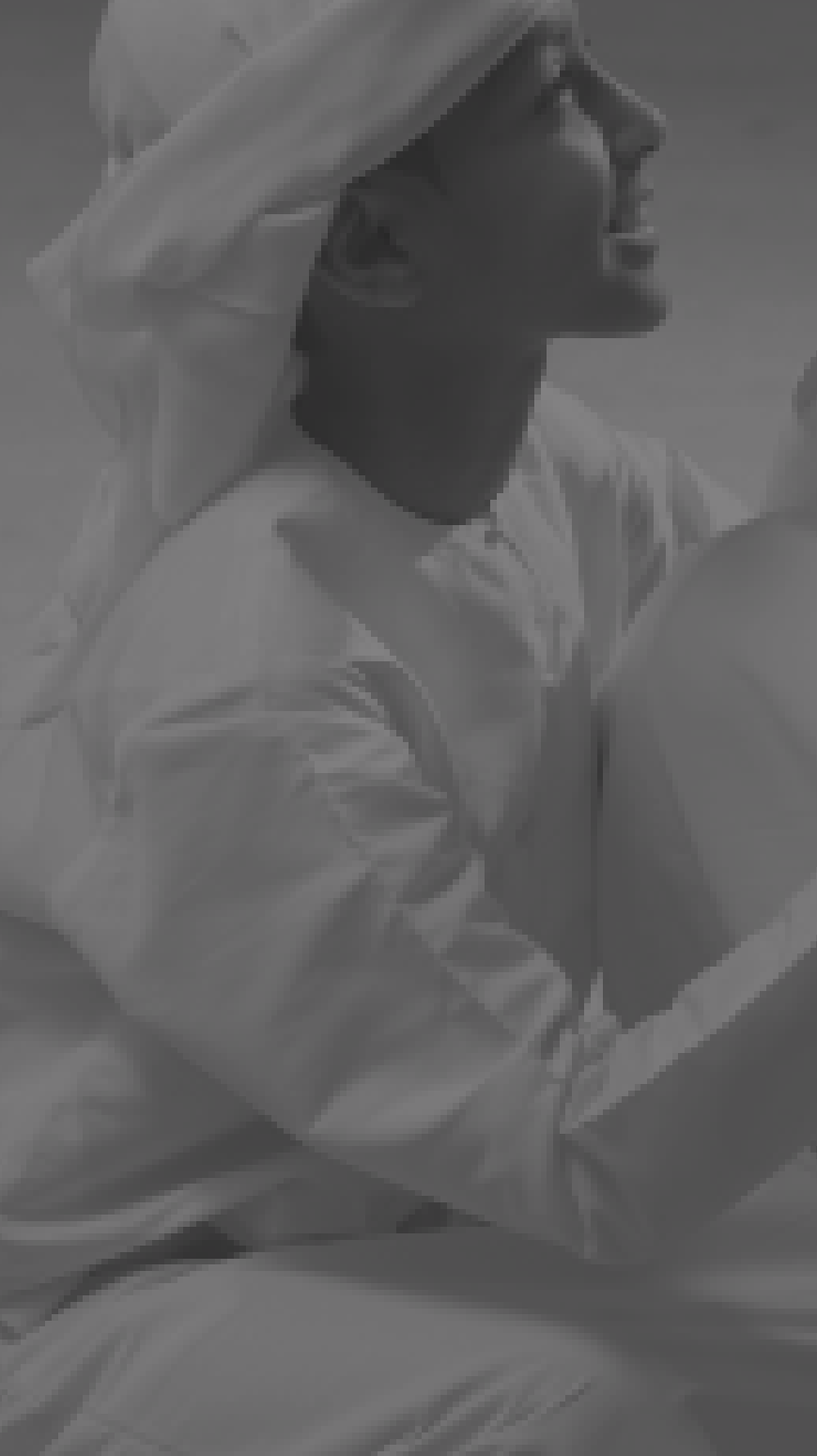
Source: Statistics Centre - Abu Dhabi

### 3.3.8. General Divorce Rate by Region, Citizenship and Gender, 2012

(Per 1000 Population 15 Years and Older)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Gharbia	Abu Dhabi Emirate
<b>Total</b>	<b>0.9</b>	<b>1.2</b>	<b>0.2</b>	<b>0.9</b>
Male Citizens	7.8	6.9	3.2	7.1
Female Citizens	6.3	5.5	4.9	5.9
Male Non-Citizens	0.6	0.6	0.1	0.5
Female Non-Citizens	2.6	2.6	1.3	2.5

Source: Statistics Centre - Abu Dhabi







## 4. Social Statistics

- . Education
- . Health
- . Social Welfare
- . Culture and Heritage

## 0.4. 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, safety and security, and culture and heritage.

2012	<b>Key Indicators</b>	
	<b>Government Schools</b>	
	Private Schools	268
	Pupils in Government Schools	183
	Pupils in Private Schools	124,997
	Pupils per Teacher	185,623
	Pupils per Classroom	14.0
	Universities	23.0
	<b>Social Welfare</b>	
	Social Aid Beneficiaries	8
	Value of Social Aid Granted (000 AED)	38,949
	<b>Culture and Heritage</b>	
	Visitors of Museum	163,584
	Books Available at National Library	409,256

## 4.1. Education

Abu Dhabi has made remarkable achievements in the education sector, and has spared no effort in its endeavor to ensure the availability of high quality educational infrastructure of schools, colleges/institutes, adult education centres and universities and qualified teachers in the government and private sectors. This section provides detailed statistics on education for the academic Year 2011-12.

The total number of schools in Abu Dhabi Emirate was 451 of which 268 were government schools and 183 were private schools, comprising 13,501 classrooms. In these schools there were 310,620 pupils, 22,184 teachers and 8,890 administrators. The number of pupils per teacher was 14.0 and the number of pupils per classroom was 23.0.

There are 40.2% pupils enrolled in government education, while 59.8% pupils are enrolled in private education. The proportion of pupils enrolled in private education increased from 49.3% in 2005-06 to 59.8% in 2011-12. The number of female pupils per 100 male pupils in all education stages for the Emirate was 95.8.

The number of enrolled citizen pupils in all stages of schooling up to the secondary stage was 139,734, representing 45.0% of all pupils.

In 2011-12, the gross enrolment ratio for school level was 107.9 in the first education cycle, 100.9 in cycle 2 and 88.3 in secondary.

The 2011-12 progression ratios to secondary school for males, females and both genders were 90.6%, 93.4% and 92.0% respectively. The 18,068 students progressing to secondary school in 2011-12 was lower than the previous Year, 19,645, reducing by 8.0%.

There were 13,610 students enrolled in literacy and adult education centres in 2011-12 with 74.7% being citizens. There were 255 teachers including 156 citizens.

The academic Year 2011-12 witnessed the graduation of 7,249 students from higher education, of whom 3,332 students graduated from the government universities and institutions and 3,917 from the private universities and institutions with 68.0% being citizens. Total enrolments in higher education were 41,921, of whom 31,115 were citizens.

The estimated rate of illiteracy for mid-2011 among the population aged 10 Years and over declined from 12.6% in 2005 to 7.5% in 2011. This declining trend in illiteracy applies to both citizens and non-citizens and to males and females.

**Key Education Statistics****Government Education**

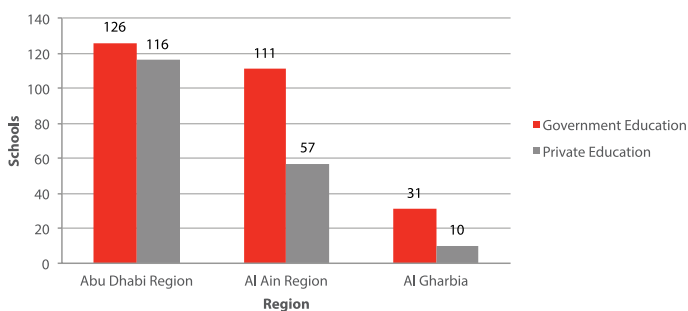
Schools	268
Classrooms	5,448
Pupils	124,997
Teachers	10,451
Administrators	2,535

**Private Education**

Schools	183
Classrooms	8,053
Pupils	185,623
Teachers	11,733
Administrators	6,355

**Total Education**

Pupils per teacher	14.0
Pupils per classroom	23.0
Universities	8
Gross Enrollment ratio, first cycle ( 5 Years primary education stage)	107.9

**Figure 4.4.1. Number of Schools by Region and Sector, 2011-12**

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

#### 4.1.1. Government and Private Schools by Educational Stages, 2011-12

Stage	Government	Private	Total
<b>Total</b>	<b>268</b>	<b>183</b>	<b>451</b>
Kindergarten	48	6	54
Cycle1	80	0	80
Cycle2	46	0	46
Secondary	36	0	36
Multi-Stage	58	177	235

Source: Abu Dhabi Education Council

#### 4.1.2. Higher Education Institutions by Type and Sector, 2011-12

Type	Government	Private	Total
<b>Total</b>	<b>3</b>	<b>25</b>	<b>28</b>
Universities	2	6	8
Colleges	1	14	15
Institutes	0	5	5

Source: Ministry of Higher Education and Scientific Research

#### 4.1.3. Government and Private Classrooms by Educational Stages, 2011-12

Stage	Government	Private	Total
<b>Total</b>	<b>5,448</b>	<b>8,053</b>	<b>13,501</b>
Kindergarten	604	1,568	2,172
Cycle1	2,095	3,442	5,537
Cycle2	1,544	1,930	3,474
Secondary	1,205	1,113	2,318

Source: Abu Dhabi Education Council

#### 4.1.4. Government and Private Pupils by Educational Stages, 2011-12

Stage	Government	Private*	Total
<b>Total</b>	<b>124,997</b>	<b>185,559</b>	<b>310,556</b>
Kindergarten	13,029	35,890	48,919
Cycle1	46,089	84,097	130,186
Cycle2	37,993	43,277	81,270
Secondary	27,886	22,295	50,181

Source: Abu Dhabi Education Council

\* Excluding 64 Pupils in Special Education for whom education stage is not appropriate

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

Item	2005-06	2009-10	2010-11	2011-12
<b>Grand Total</b>				
Schools	495	489	480	451
Classrooms	11,328	12,038	13,528	13,501
Pupils	250,909	291,512	306,497	310,620
Teachers	18,712	20,372	22,218	22,184
Administrators	n.a	5,299	8,055	8,890
<b>Government Education</b>				
Schools	322	305	299	268
Classrooms	5,492	5,272	5,618	5,448
Pupils	127,136	126,492	125,949	124,997
Teachers	10,436	10,854	11,384	10,451
Administrators	n.a	2,233	2,201	2,535
<b>Private Education</b>				
Schools	173	184	181	183
Classrooms	5,836	6,766	7,910	8,053
Pupils	123,773	165,020	180,548	185,623
Teachers	8,276	9,518	10,834	11,733
Administrators	n.a	3,066	5,854	6,355

Source: Abu Dhabi Education Council

\* Table comprises all stages

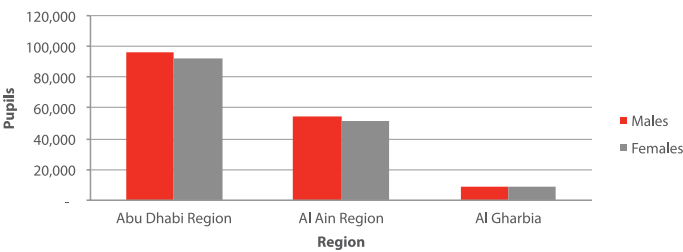
#### 4.1.6. Pupils, Teachers and Administrators by Region and Gender in Government and Private Education, 2011-12\*

Region, Gender and Sector	Pupils	Teachers	Administrators
<b>Grand Total</b>			
<b>Abu Dhabi Emirate</b>	<b>310,620</b>	<b>22,184</b>	<b>8,890</b>
Males	158,667	6,012	3,655
Females	151,953	16,172	5,235
<b>Abu Dhabi Region</b>	<b>188,389</b>	<b>12,618</b>	<b>5,021</b>
Males	95,928	3,145	2,153
Females	92,461	9,473	2,868
<b>Al Ain Region</b>	<b>105,319</b>	<b>8,003</b>	<b>3,434</b>
Males	54,172	2,409	1,348
Females	51,147	5,594	2,086
<b>Al Gharbia</b>	<b>16,912</b>	<b>1,563</b>	<b>435</b>
Males	8,567	458	154
Females	8,345	1,105	281
<b>Government Education</b>			
<b>Abu Dhabi Emirate</b>	<b>124,997</b>	<b>10,451</b>	<b>2,535</b>
Males	59,625	3,555	774
Females	65,372	6,896	1,761
<b>Abu Dhabi Region</b>	<b>62,137</b>	<b>4,667</b>	<b>1,078</b>
Males	29,967	1,607	330
Females	32,170	3,060	748
<b>Al Ain Region</b>	<b>52,205</b>	<b>4,672</b>	<b>1,194</b>
Males	24,502	1,595	364
Females	27,703	3,077	830
<b>Al Gharbia</b>	<b>10,655</b>	<b>1,112</b>	<b>263</b>
Males	5,156	353	80
Females	5,499	759	183
<b>Private Education</b>			
<b>Abu Dhabi Emirate</b>	<b>185,623</b>	<b>11,733</b>	<b>6,355</b>
Males	99,042	2,457	2,881
Females	86,581	9,276	3,474
<b>Abu Dhabi Region</b>	<b>126,252</b>	<b>7,951</b>	<b>3,943</b>
Males	65,961	1,538	1,823
Females	60,291	6,413	2,120
<b>Al Ain Region</b>	<b>53,114</b>	<b>3,331</b>	<b>2,240</b>
Males	29,670	814	984
Females	23,444	2,517	1,256
<b>Al Gharbia</b>	<b>6,257</b>	<b>451</b>	<b>172</b>
Males	3,411	105	74
Females	2,846	346	98

Source: Abu Dhabi Education Council

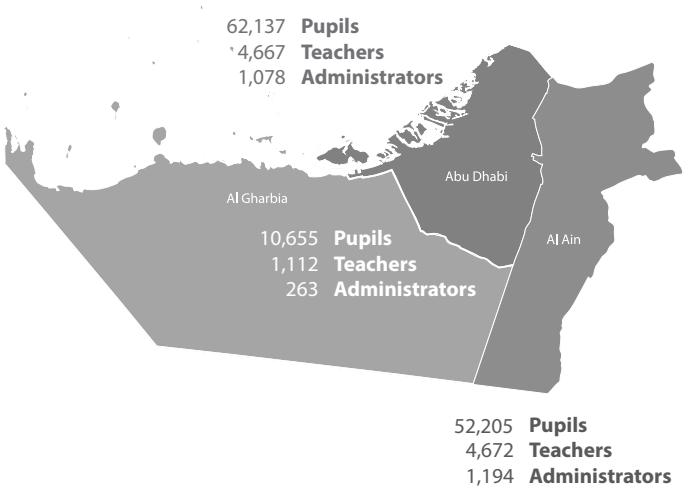
\* Table comprises all stages

**Figure 4.1.2. Pupils by Region and Gender in Government and Private Education, 2011-12**



Source: Abu Dhabi Education Council

**Figure 4.1.3. Pupils, Teachers and Administrators in Government Schools by Region, 2011-12**



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



#### 4.1.7. Pupils in Government and Private Schools by Educational Stage, Gender and Females per 100 Males, 2011-12

Stage	Males	Females	Total	Females per 100 Males
<b>Grand Total</b>	<b>158,620</b>	<b>151,936</b>	<b>310,556</b>	<b>95.8</b>
Kindergarten	25,242	23,677	48,919	93.8
Cycle1	66,617	63,569	130,186	95.4
Cycle2	41,799	39,471	81,270	94.4
Secondary	24,962	25,219	50,181	101.0
<b>Government Education</b>	<b>59,625</b>	<b>65,372</b>	<b>124,997</b>	<b>109.6</b>
Kindergarten	6,316	6,713	13,029	106.3
Cycle1	21,885	24,204	46,089	110.6
Cycle2	18,438	19,555	37,993	106.1
Secondary	12,986	14,900	27,886	114.7
<b>Private Education*</b>	<b>98,995</b>	<b>86,564</b>	<b>185,559</b>	<b>87.4</b>
Kindergarten	18,926	16,964	35,890	89.6
Cycle1	44,732	39,365	84,097	88.0
Cycle2	23,361	19,916	43,277	85.3
Secondary	11,976	10,319	22,295	86.2

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

\* Excluding 64 Pupils in Special Education for whom education stage is not appropriate

#### 4.1.8. Percentage of Pupils in Government Schools by Region, Citizenship, Gender and Education Stage, 2011-12

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
<b>Abu Dhabi Emirate</b>	<b>35.4</b>	<b>46.7</b>	<b>55.6</b>	<b>42.8</b>
Males	32.9	44.1	52.0	40.0
Females	38.1	49.5	59.1	45.7
<b>Citizens</b>	<b>63.4</b>	<b>76.8</b>	<b>78.7</b>	<b>70.7</b>
Males	59.1	72.6	72.9	66.0
Females	67.9	81.1	84.1	75.3
<b>Non-Citizens</b>	<b>13.8</b>	<b>22.5</b>	<b>35.3</b>	<b>20.4</b>
Males	13.0	21.6	34.7	19.6
Females	14.6	23.5	35.8	21.3
<b>Abu Dhabi Region</b>	<b>28.4</b>	<b>38.7</b>	<b>48.3</b>	<b>55.3</b>
Males	26.8	37.4	45.5	53.2
Females	30.1	40.2	51.1	57.3
<b>Citizens</b>	<b>59.0</b>	<b>71.2</b>	<b>75.2</b>	<b>82.7</b>
Males	55.9	68.6	70.2	80.3
Females	62.2	73.8	79.6	85.0
<b>Non-Citizens</b>	<b>9.0</b>	<b>17.3</b>	<b>29.5</b>	<b>28.5</b>
Males	8.3	16.8	29.3	27.7
Females	9.6	17.7	29.8	29.3
<b>Al Ain Region</b>	<b>45.0</b>	<b>56.3</b>	<b>62.6</b>	<b>71.0</b>
Males	40.9	51.5	57.2	66.5
Females	49.3	61.5	68.2	75.6
<b>Citizens</b>	<b>67.4</b>	<b>81.6</b>	<b>80.5</b>	<b>88.3</b>
Males	61.6	75.2	73.0	83.5
Females	73.3	88.2	87.8	92.8
<b>Non-Citizens</b>	<b>20.1</b>	<b>27.4</b>	<b>39.5</b>	<b>43.1</b>
Males	18.8	25.5	38.1	40.9
Females	21.6	29.6	41.0	45.5
<b>Al Gharbia</b>	<b>54.1</b>	<b>74.4</b>	<b>88.5</b>	<b>87.1</b>
Males	50.8	71.9	89.0	86.0
Females	57.6	76.9	88.1	88.2
<b>Citizens</b>	<b>78.3</b>	<b>97.7</b>	<b>99.7</b>	<b>99.2</b>
Males	72.8	96.5	99.6	98.7
Females	83.9	98.9	99.7	99.6
<b>Non-Citizens</b>	<b>37.3</b>	<b>58.3</b>	<b>79.8</b>	<b>75.9</b>
Males	36.3	56.0	80.9	75.0
Females	38.4	60.8	78.6	76.8

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

#### 4.1.9. Percentage of Pupils in Private Schools by Region, Citizenship, Gender and Education Stage, 2011-12\*

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
<b>Abu Dhabi Emirate</b>	<b>64.6</b>	<b>53.3</b>	<b>44.4</b>	<b>57.2</b>
Males	67.1	55.9	48.0	60.0
Females	61.9	50.5	40.9	54.3
<b>Citizens</b>	<b>36.6</b>	<b>23.2</b>	<b>21.3</b>	<b>29.3</b>
Males	40.9	27.4	27.1	34.0
Females	32.1	18.9	15.9	24.7
<b>Non-Citizens</b>	<b>86.2</b>	<b>77.5</b>	<b>64.7</b>	<b>79.6</b>
Males	87.0	78.4	65.3	80.4
Females	85.4	76.5	64.2	78.7
<b>Abu Dhabi Region</b>	<b>71.6</b>	<b>61.3</b>	<b>51.7</b>	<b>44.7</b>
Males	73.2	62.6	54.5	46.8
Females	69.9	59.8	48.9	42.7
<b>Citizens</b>	<b>41.0</b>	<b>28.8</b>	<b>24.8</b>	<b>17.3</b>
Males	44.1	31.4	29.8	19.7
Females	37.8	26.2	20.4	15.0
<b>Non-Citizens</b>	<b>91.0</b>	<b>82.7</b>	<b>70.5</b>	<b>71.5</b>
Males	91.7	83.2	70.7	72.3
Females	90.4	82.3	70.2	70.7
<b>Al Ain Region</b>	<b>55.0</b>	<b>43.7</b>	<b>37.4</b>	<b>29.0</b>
Males	59.1	48.5	42.8	33.5
Females	50.7	38.5	31.8	24.4
<b>Citizens</b>	<b>32.6</b>	<b>18.4</b>	<b>19.5</b>	<b>11.7</b>
Males	38.4	24.8	27.0	16.5
Females	26.7	11.8	12.2	7.2
<b>Non-Citizens</b>	<b>79.9</b>	<b>72.6</b>	<b>60.5</b>	<b>56.9</b>
Males	81.2	74.5	61.9	59.1
Females	78.4	70.4	59.0	54.5
<b>Al Gharbia</b>	<b>45.9</b>	<b>25.6</b>	<b>11.5</b>	<b>12.9</b>
Males	49.2	28.1	11.0	14.0
Females	42.4	23.1	11.9	11.8
<b>Citizens</b>	<b>21.7</b>	<b>2.3</b>	<b>0.3</b>	<b>0.8</b>
Males	27.2	3.5	0.4	1.3
Females	16.1	1.1	0.3	0.4
<b>Non-Citizens</b>	<b>62.7</b>	<b>41.7</b>	<b>20.2</b>	<b>24.1</b>
Males	63.7	44.0	19.1	25.0
Females	61.6	39.2	21.4	23.2

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

\* Excluding 64 Pupils in Special Education for whom education stage is not appropriate

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

Region and Sector	2005-06	2009-10	2010-11	2011-12
	Citizen Pupils Per 100 Non-Citizen Pupils			
<b>Grand Total</b>	<b>87.2</b>	<b>84.3</b>	<b>79.4</b>	<b>81.8</b>
Abu Dhabi Region	67.8	68.6	64.4	66.1
Al Ain Region	129.6	119.9	113.8	120.6
Al Gharbia	100.6	83.5	78.3	74.0
<b>Government Education</b>	<b>265.3</b>	<b>270.9</b>	<b>275.9</b>	<b>302.0</b>
Abu Dhabi Region	254.9	263.1	277.0	309.8
Al Ain Region	310.2	330.3	326.8	359.8
Al Gharbia	164.9	147.5	143.6	132.7
<b>Private Education</b>	<b>24.7</b>	<b>33.0</b>	<b>31.5</b>	<b>32.8</b>
Abu Dhabi Region	23.7	29.7	27.5	28.5
Al Ain Region	29.6	44.1	44.3	46.0
Al Gharbia	9.9	10.1	11.5	21.7

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

#### 4.1.11. Special Need Students in Government Education by Disability Type and Region, 2011-12

Disability Type	Abu Dhabi Region	Al Ain Region	Al Gharbia	Total
<b>Total</b>	<b>2,307</b>	<b>1,138</b>	<b>143</b>	<b>3,588</b>
Students with learning disabilities	1,677	814	100	2,591
Visually impaired students	57	61	11	129
Students with hearing disabilities	141	54	10	205
Students of speech and language disorders	350	131	12	493
Students with Physically disabled	46	48	2	96
Students with health problems	2	4	1	7
Students with hyper-activity	6	4	4	14
Autistic students	14	5	0	19
Intellectual disability and mental impairment	14	17	3	34

Source: Abu Dhabi Education Council

#### 4.1.12. Teachers by Education Stage and Gender in Government Education, 2011-12

Stage	Males	Females	Total
<b>Total</b>	<b>3,555</b>	<b>6,896</b>	<b>10,451</b>
Kindergarten*	0	1,157	1,157
Cycle 1	728	2,474	3,202
Cycle 2	922	961	1,883
Secondary	710	1,000	1,710
Multi-Stage	1,195	1,304	2,499

Source: Abu Dhabi Education Council

\* All Kindergarten teachers are female

#### 4.1.13. Teaching Staff of Government Schools by Region, Citizenship, Gender and Education Stage, 2011-12 \*

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
<b>Abu Dhabi Emirate</b>	<b>3,202</b>	<b>1,883</b>	<b>1,710</b>	<b>6,795</b>
Males	728	922	710	2,360
Females	2,474	961	1,000	4,435
<b>Citizens</b>	<b>1,377</b>	<b>924</b>	<b>652</b>	<b>2,953</b>
Males	79	185	71	335
Females	1,298	739	581	2,618
<b>Non-Citizens</b>	<b>1,825</b>	<b>959</b>	<b>1,058</b>	<b>3,842</b>
Males	649	737	639	2,025
Females	1,176	222	419	1,817
<b>Abu Dhabi Region</b>	<b>1,519</b>	<b>1,090</b>	<b>1,054</b>	<b>3,663</b>
Males	421	560	457	1,438
Females	1,098	530	597	2,225
<b>Citizens</b>	<b>608</b>	<b>500</b>	<b>337</b>	<b>1,445</b>
Males	46	121	53	220
Females	562	379	284	1,225
<b>Non-Citizens</b>	<b>911</b>	<b>590</b>	<b>717</b>	<b>2,218</b>
Males	375	439	404	1,218
Females	536	151	313	1,000
<b>Al Ain Region</b>	<b>1,354</b>	<b>778</b>	<b>640</b>	<b>2,772</b>
Males	277	362	253	892
Females	1,077	416	387	1,880
<b>Citizens</b>	<b>677</b>	<b>422</b>	<b>314</b>	<b>1,413</b>
Males	32	64	18	114
Females	645	358	296	1,299
<b>Non-Citizens</b>	<b>677</b>	<b>356</b>	<b>326</b>	<b>1,359</b>
Males	245	298	235	778
Females	432	58	91	581
<b>Al Gharbia</b>	<b>329</b>	<b>15</b>	<b>16</b>	<b>360</b>
Males	30	0	0	30
Females	299	15	16	330
<b>Citizens</b>	<b>92</b>	<b>2</b>	<b>1</b>	<b>95</b>
Males	1	0	0	1
Females	91	2	1	94
<b>Non-Citizens</b>	<b>237</b>	<b>13</b>	<b>15</b>	<b>265</b>
Males	29	0	0	29
Females	208	13	15	236

Source: Abu Dhabi Education Council

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

#### 4.1.14. Teachers by Region,Citizenship and Gender in Private Education, 2011-12\*

Region and Citizenship	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>2,457</b>	<b>9,276</b>	<b>11,733</b>
Citizens	1	41	42
Non-Citizens	2,456	9,235	11,691
<b>Abu Dhabi Region</b>	<b>1,538</b>	<b>6,413</b>	<b>7,951</b>
Citizens	1	19	20
Non-Citizens	1,537	6,394	7,931
<b>Al Ain Region</b>	<b>814</b>	<b>2,517</b>	<b>3,331</b>
Citizens	0	22	22
Non-Citizens	814	2,495	3,309
<b>Al Gharbia</b>	<b>105</b>	<b>346</b>	<b>451</b>
Citizens	0	0	0
Non-Citizens	105	346	451

Source: Abu Dhabi Education Council

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

#### 4.1.15. Number of Pupils per Teacher by Region, Educational Stage\* and Gender in Government Education, 2011-12

Region and Stage	Males	Females	Total
<b>Abu Dhabi Emirate</b>	-	-	<b>12.2</b>
Cycle1	-	-	13.2
Cycle2	13.5	13.7	13.6
Secondary	12.2	11.4	11.8
Multi-Stage	9.9	10.2	10.1
<b>Abu Dhabi Region</b>	-	-	<b>13.7</b>
Cycle1	-	-	14.4
Cycle2	14.3	14.7	14.5
Secondary	12.8	12.1	12.4
Multi-Stage	12.1	12.1	12.1
<b>Al Ain Region</b>	-	-	<b>11.3</b>
Cycle1	-	-	12.4
Cycle2	12.3	12.7	12.5
Secondary	11.2	10.6	10.8
Multi-Stage	9.7	9.8	9.7
<b>Al Gharbia</b>	-	-	<b>9.8</b>
Cycle1	-	-	10.8
Cycle2	0.0	8.4	8.4
Secondary	0.0	6.9	6.9
Multi-Stage	9.2	9.5	9.3

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

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



**4.1.16. Number of Pupils per Classroom and Number of Teachers per Classroom by Region and Educational Stage in Government Education, 2011-12\***

Region and Gender	Cycle 1	Cycle 2	Secondary	Total
<b>Abu Dhabi Emirate</b>				
Pupils/Classroom	22.0	24.6	23.1	23.1
Teachers/Classroom	1.5	1.2	1.4	1.4
<b>Abu Dhabi Region</b>				
Pupils/Classroom	23.0	26.0	25.4	24.6
Teachers/Classroom	1.6	1.5	1.9	1.6
<b>Al Ain Region</b>				
Pupils/Classroom	21.8	23.9	21.8	22.5
Teachers/Classroom	1.5	1.2	1.2	1.3
<b>Al Gharbia</b>				
Pupils/Classroom	18.1	21.0	18.5	19.1
Teachers/Classroom	1.5	0.1	0.1	0.7

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

\*Number of classrooms does not available in Multi-Stage schools

#### 4.1.17. Pupils per Classroom by Region and Education Stage in Private Education\*, 2011-12

Region	Cycle 1	Cycle 2	Secondary	Total
Abu Dhabi Emirate	24.4	22.4	20.0	23.1
Abu Dhabi Region	25.0	23.5	21.3	23.9
Al Ain Region	23.5	20.6	18.0	21.6
Al Gharbia	22.3	17.8	13.3	20.2

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

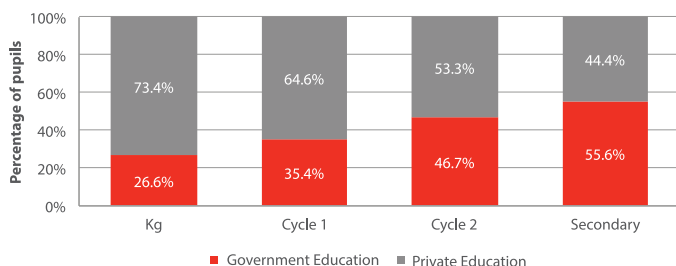
\* Excluding 64 Pupils in Special Education for whom education stage is not appropriate

#### 4.1.18. Pupils per Teacher and Number of Teachers per Classroom by Region in Private Education, 2011-12

Region	Pupils per Teacher	Teachers per Classroom
Abu Dhabi Emirate	15.8	1.5
Abu Dhabi Region	15.9	1.5
Al Ain Region	15.9	1.4
Al Gharbia	13.9	1.5

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

**Figure 4.1.4. Percentage Distribution of Pupils by Sector & Stage , 2011-12**



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

\* Excluding 64 Pupils in Special Education for whom education stage is not appropriate

#### 4.1.19. Institute of Applied Technology Students by Region and Gender

Region and Gender	2007-08	2009-10	2010-11	2011-12
<b>Abu Dhabi Emirate</b>	<b>944</b>	<b>1,196</b>	<b>1,575</b>	<b>2,482</b>
Males	944	1,019	1,134	1,467
Females	0	177	441	1,015
<b>Abu Dhabi Region</b>	<b>381</b>	<b>566</b>	<b>612</b>	<b>1,350</b>
Males	381	566	612	922
Females	0	0	0	428
<b>Al Ain Region</b>	<b>563</b>	<b>630</b>	<b>963</b>	<b>1,132</b>
Males	563	453	522	545
Females	0	177	441	587
<b>Al Gharbia</b>	-	-	-	-
Males	-	-	-	-
Females	-	-	-	-

Source: Institute of Applied Technology

#### 4.1.20. Institute of Applied Technology Graduates by Region and Gender

Region and Gender	2007-08	2009-10	2010-11	2011-12
<b>Abu Dhabi Emirate</b>	<b>135</b>	<b>291</b>	<b>241</b>	<b>448</b>
Males	135	291	241	300
Females	0	0	0	148
<b>Abu Dhabi Region</b>	<b>0</b>	<b>162</b>	<b>142</b>	<b>195</b>
Males	0	162	142	195
Females	0	0	0	0
<b>Al Ain Region</b>	<b>135</b>	<b>129</b>	<b>99</b>	<b>253</b>
Males	135	129	99	105
Females	0	0	0	148
<b>Al Gharbia</b>	-	-	-	-
Males	-	-	-	-
Females	-	-	-	-

Source: Institute of Applied Technology

# Educational Enrollment Ratios

## 4.1.21. Gross Enrollment Ratio by Educational Stage and Gender , 2011-12\*

(%)

Stage	Males	Females	Total
Kindergarten	90.2	91.0	90.6
Class1	111.0	111.3	111.1
Cycle1	114.5	101.7	107.9
Cycle2	99.7	102.1	100.9
Secondary	84.9	92.0	88.3

Source: Statistics Centre - Abu Dhabi

\* Excluding Pupils in Special Education for whom education stage is not appropriate

## 4.1.22. Net Enrollment Ratio by Educational Stage and Gender, 2011

(%)

Stage	Males	Females	Total
Kindergarten	64.7	65.0	64.8
Cycle1	87.8	86.8	87.3
Cycle2	79.6	79.1	79.3
Secondary	65.9	64.8	65.3

Source: Statistics Centre Abu Dhabi

## 4.1.23. Ratio of Pupils Enrolled in Private Education to All Pupils by Region

Region and Gender	2009-10*	2010-11	2011-12	2011-12
<b>Abu Dhabi Emirate</b>	<b>49.3</b>	<b>56.6</b>	<b>58.9</b>	<b>59.8</b>
Abu Dhabi Region	59.7	64.1	66.1	67.0
Al Ain Region	36.3	48.2	50.9	50.4
Al Gharbia	22.7	28.0	30.9	37.0

Source: Statistics Centre - Abu Dhabi

# Progression

## 4.1.24. Ratio of Progression to Secondary School by Gender, 2011-12

Centres	Males	Females	Both Genders
Class 10 (2011/2012)	8,993	9,075	18,068
Class 9 (2010/2011)	9,929	9,716	19,645
%	90.6	93.4	92.0

Source: Abu Dhabi Education Council, Statistics Centre Abu Dhabi

# Adult Education

## 4.1.25. Literacy Centres and Adult Education by Type

Centres	2009-10	2010-11	2011-12
<b>Total</b>	<b>37</b>	<b>114</b>	<b>109</b>
Family Development	11	11	10
Centres	26	26	23
Home Schooling	-	77	76

Source: Abu Dhabi Education Council

#### 4.1.26. Literacy Centres and Adult Education by Region and Gender

Region and Gender	2009-10*	2010-11	2011-12
<b>Abu Dhabi Emirate</b>	<b>37</b>	<b>114</b>	<b>109</b>
Males	14	56	56
Females	23	58	53
Abu Dhabi Region	14	30	27
Males	6	16	15
Females	8	14	12
Al Ain Region	13	58	56
Males	4	28	28
Females	9	30	28
Al Gharbia	10	26	26
Males	4	12	13
Females	6	14	13

Source: Abu Dhabi Education Council

\* Not including Home Schooling Centres

#### 4.1.27. Pupiles in Literacy Centres and Adult Education by Region, Citizenship and Gender, 2011-12\*

Region, Citizenship and Gender	Cycle 1	Cycle 2	Secondary	Total
<b>Abu Dhabi Emirate</b>	<b>1,684</b>	<b>2,578</b>	<b>9,222</b>	<b>13,484</b>
Males	393	1,648	6,424	8,465
Females	1,291	930	2,798	5,019
<b>Citizens</b>	<b>822</b>	<b>1,816</b>	<b>7,432</b>	<b>10,070</b>
Males	189	1,172	5,261	6,622
Females	633	644	2,171	3,448
<b>Non-Citizens</b>	<b>862</b>	<b>762</b>	<b>1,790</b>	<b>3,414</b>
Males	204	476	1,163	1,843
Females	658	286	627	1,571
<b>Abu Dhabi Region</b>	<b>779</b>	<b>1,002</b>	<b>4,715</b>	<b>6,496</b>
Males	135	587	3,269	3,991
Females	644	415	1,446	2,505
<b>Citizens</b>	<b>337</b>	<b>754</b>	<b>3,994</b>	<b>5,085</b>
Males	52	492	2,876	3,420
Females	285	262	1,118	1,665
<b>Non-Citizens</b>	<b>442</b>	<b>248</b>	<b>721</b>	<b>1,411</b>
Males	83	95	393	571
Females	359	153	328	840
<b>Al Ain Region</b>	<b>714</b>	<b>1,343</b>	<b>3,843</b>	<b>5,900</b>
Males	195	921	2,701	3,817
Females	519	422	1,142	2,083
<b>Citizens</b>	<b>361</b>	<b>880</b>	<b>2,896</b>	<b>4,137</b>
Males	98	561	2,004	2,663
Females	263	319	892	1,474
<b>Non-Citizens</b>	<b>353</b>	<b>463</b>	<b>947</b>	<b>1,763</b>
Males	97	360	697	1,154
Females	256	103	250	609
<b>Al Gharbia</b>	<b>191</b>	<b>233</b>	<b>664</b>	<b>1,088</b>
Males	63	140	454	657
Females	128	93	210	431
<b>Citizens</b>	<b>124</b>	<b>182</b>	<b>542</b>	<b>848</b>
Males	39	119	381	539
Females	85	63	161	309
<b>Non-Citizens</b>	<b>67</b>	<b>51</b>	<b>122</b>	<b>240</b>
Males	24	21	73	118
Females	43	30	49	122

Source: Abu Dhabi Education Council

\*Excluding 126 students unknown Citizenship

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

Region, Citizenship and Gender	2009-10	2010-11	2011-12
<b>Abu Dhabi Emirate</b>	<b>258</b>	<b>250</b>	<b>255</b>
Males	5	20	27
Females	253	230	228
<b>Citizens</b>	<b>155</b>	<b>137</b>	<b>156</b>
Males	5	4	4
Females	150	133	152
<b>Non-Citizens</b>	<b>103</b>	<b>113</b>	<b>99</b>
Males	0	16	23
Females	103	97	76
<b>Abu Dhabi Region</b>	<b>102</b>	<b>79</b>	<b>87</b>
Males	4	17	27
Females	98	62	60
<b>Citizens</b>	<b>62</b>	<b>52</b>	<b>55</b>
Males	4	4	4
Females	58	48	51
<b>Non-Citizens</b>	<b>40</b>	<b>27</b>	<b>32</b>
Males	0	13	23
Females	40	14	9
<b>Al Ain Region</b>	<b>72</b>	<b>83</b>	<b>81</b>
Males	1	3	0
Females	71	80	81
<b>Citizens</b>	<b>55</b>	<b>63</b>	<b>74</b>
Males	1	0	0
Females	54	63	74
<b>Non-Citizens</b>	<b>17</b>	<b>20</b>	<b>7</b>
Males	0	3	0
Females	17	17	7
<b>Al Gharbia</b>	<b>84</b>	<b>88</b>	<b>87</b>
Males	0	0	0
Females	84	88	87
<b>Citizens</b>	<b>38</b>	<b>22</b>	<b>27</b>
Males	0	0	0
Females	38	22	27
<b>Non-Citizens</b>	<b>46</b>	<b>66</b>	<b>60</b>
Males	0	0	0
Females	46	66	60

Source: Abu Dhabi Education Council



# Educational Attainment

## 4.1.29. Higher Education Students by Citizenship, Sector and Gender, 2011-12

Citizenship and Sector	Males	Females	Total
<b>Grand Total</b>	<b>16,647</b>	<b>25,274</b>	<b>41,921</b>
Government	6,887	15,544	22,431
Private	9,760	9,730	19,490
<b>Citizens</b>	<b>11,840</b>	<b>19,275</b>	<b>31,115</b>
Government	5,852	13,851	19,703
Private	5,988	5,424	11,412
<b>Non-Citizens</b>	<b>4,807</b>	<b>5,999</b>	<b>10,806</b>
Government	1,035	1,693	2,728
Private	3,772	4,306	8,078

"Sources: Statistics Centre - Abu Dhabi, Ministry of Higher Education and Scientific Research, UAE University, Zayed University and Higher College of Technology"

## 4.1.30. Higher Education Graduates by Citizenship, Sector and Gender, 2011-12

Citizenship and Sector	Males	Females	Total
<b>Grand Total</b>	<b>2,687</b>	<b>4,562</b>	<b>7,249</b>
Government	1,060	2,272	3,332
Private	1,627	2,290	3,917
<b>Citizens</b>	<b>1,828</b>	<b>3,103</b>	<b>4,931</b>
Government	945	2,077	3,022
Private	883	1,026	1,909
<b>Non-Citizens</b>	<b>859</b>	<b>1,459</b>	<b>2,318</b>
Government	115	195	310
Private	744	1,264	2,008

"Sources: Statistics Centre - Abu Dhabi, Ministry of Higher Education and Scientific Research, UAE University, Zayed University and Higher College of Technology"

#### 4.1.31. Illiteracy Rate Among Population (10 Years and above) by Citizenship and Gender

Citizenship and Gender	2005	2009	2010	2011
<b>Grand Total</b>	<b>12.6</b>	<b>8.3</b>	<b>7.9</b>	<b>7.5</b>
Males	14.2	9.2	8.7	7.4
Females	9.1	6.6	6.4	7.6
<b>Citizens</b>	<b>8.3</b>	<b>6.3</b>	<b>6.1</b>	<b>6.0</b>
Males	5.0	3.7	3.5	3.5
Females	11.5	9.0	8.8	8.7
<b>Non-Citizens</b>	<b>13.9</b>	<b>8.9</b>	<b>8.4</b>	<b>7.8</b>
Males	16.0	10.2	9.7	8.0
Females	7.9	5.4	5.2	7.0

Source: Statistics Centre - Abu Dhabi

#### 4.1.32. Literacy Rate Among Population (10 Years and above) by Citizenship and Gender

Citizenship and Gender	2005	2009	2010	2011
<b>Grand Total</b>	<b>87.4</b>	<b>91.7</b>	<b>92.1</b>	<b>92.5</b>
Males	85.8	90.8	91.3	92.6
Females	90.9	93.4	93.6	92.4
<b>Citizens</b>	<b>91.7</b>	<b>93.7</b>	<b>93.9</b>	<b>94.0</b>
Males	95.0	96.3	96.5	96.5
Females	88.5	91.0	91.2	91.3
<b>Non-Citizens</b>	<b>86.1</b>	<b>91.1</b>	<b>91.6</b>	<b>92.2</b>
Males	84.0	89.8	90.3	92.0
Females	92.1	94.6	94.8	93.0

Source: Statistics Centre - Abu Dhabi

#### 4.1.33 Illiteracy Rate Among Youth Population ( 15-24 Years) by Citizenship and Gender

Citizenship and Gender	2005	2009	2010	2011
<b>Grand Total</b>	<b>5.8</b>	<b>3.7</b>	<b>3.5</b>	<b>6.4</b>
Males	7.5	4.7	4.5	7.1
Females	3.7	2.5	2.4	4.9
<b>Citizens</b>	<b>0.8</b>	<b>0.5</b>	<b>0.5</b>	<b>0.6</b>
Males	0.6	0.4	0.4	0.6
Females	1.0	0.6	0.6	0.6
<b>Non-Citizens</b>	<b>9.1</b>	<b>5.6</b>	<b>5.3</b>	<b>8.6</b>
Males	11.2	6.8	6.5	9.0
Females	5.8	3.9	3.7	7.6

Source: Statistics Centre - Abu Dhabi

#### 4.1.34. Literacy Rate Among Youth Population ( 15-24 Years) by Citizenship and Gender

Citizenship and Gender	2005	2009	2010	2011
<b>Grand Total</b>	<b>94.2</b>	<b>96.3</b>	<b>96.5</b>	<b>93.6</b>
Males	92.5	95.3	95.5	92.9
Females	96.3	97.5	97.6	95.1
<b>Citizens</b>	<b>99.2</b>	<b>99.5</b>	<b>99.5</b>	<b>99.4</b>
Males	99.4	99.6	99.6	99.4
Females	99.0	99.4	99.4	99.4
<b>Non-Citizens</b>	<b>90.9</b>	<b>94.4</b>	<b>94.7</b>	<b>91.4</b>
Males	88.8	93.2	93.5	91.0
Females	94.2	96.1	96.3	92.4

Source: Statistics Centre - Abu Dhabi

#### 4.1.35. Total Population Estimates ( 10 Years and over) by Region, Education Status and Gender, Mid 2011

Region and Educational Status	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>1,361,968</b>	<b>493,154</b>	<b>1,855,122</b>
Illiterate	101,220	37,258	138,478
Read and Write	258,576	63,327	321,903
Primary	219,910	69,769	289,679
Preparatory	244,247	75,204	319,451
Secondary	297,266	141,325	438,591
Above Secondary and Below University	57,425	25,667	83,093
University	157,221	72,133	229,354
Higher Diploma	6,111	2,724	8,835
Master	14,443	4,632	19,076
Ph.D.	5,549	1,115	6,664
<b>Abu Dhabi Region</b>	<b>831,665</b>	<b>314,750</b>	<b>1,146,415</b>
Illiterate	62,345	23,526	85,871
Read and Write	159,251	41,089	200,340
Primary	134,058	44,114	178,172
Preparatory	148,456	47,382	195,837
Secondary	180,165	89,086	269,251
Above Secondary and Below University	35,147	16,875	52,022
University	96,273	47,054	143,328
Higher Diploma	3,714	1,773	5,487
Master	8,846	3,111	11,957
Ph.D.	3,410	740	4,150
<b>Al Ain Region</b>	<b>336,400</b>	<b>159,120</b>	<b>495,520</b>
Illiterate	23,916	12,251	36,167
Read and Write	61,124	19,823	80,947
Primary	54,775	22,889	77,663
Preparatory	61,724	24,825	86,549
Secondary	76,167	46,612	122,779
Above Secondary and Below University	14,019	7,834	21,853
University	38,290	22,350	60,640
Higher Diploma	1,545	847	2,392
Master	3,514	1,354	4,868
Ph.D.	1,328	334	1,662
<b>Al Gharbia</b>	<b>193,903</b>	<b>19,284</b>	<b>213,187</b>
Illiterate	14,959	1,480	16,439
Read and Write	38,201	2,415	40,616
Primary	31,077	2,766	33,843
Preparatory	34,067	2,997	37,064
Secondary	40,934	5,628	46,562
Above Secondary and Below University	8,259	959	9,218
University	22,658	2,728	25,386
Higher Diploma	852	103	955
Master	2,083	167	2,251
Ph.D.	812	41	853

Source: Statistics Centre - Abu Dhabi

#### 4.1.36. Citizen Population Estimates ( 10 Years and over) by Region, Education Status and Gender, Mid 2011

Region and Educational Status	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>164,071</b>	<b>154,105</b>	<b>318,176</b>
Illiterate	5,628	13,423	19,050
Read and Write	14,552	15,067	29,619
Primary	29,262	24,722	53,984
Preparatory	37,869	27,836	65,706
Secondary	52,412	51,994	104,406
Above Secondary and Below University	5,922	4,553	10,476
University	15,653	15,390	31,042
Higher Diploma	950	608	1,558
Master	1,415	362	1,776
Ph.D.	408	151	559
<b>Abu Dhabi Region</b>	<b>88,401</b>	<b>83,294</b>	<b>171,695</b>
Illiterate	3,032	7,255	10,287
Read and Write	7,841	8,144	15,984
Primary	15,766	13,362	29,129
Preparatory	20,404	15,045	35,449
Secondary	28,240	28,103	56,343
Above Secondary and Below University	3,191	2,461	5,652
University	8,434	8,318	16,752
Higher Diploma	512	329	841
Master	762	196	958
Ph.D.	220	81	301
<b>Al Ain Region</b>	<b>64,373</b>	<b>63,412</b>	<b>127,785</b>
Illiterate	2,208	5,523	7,731
Read and Write	5,709	6,200	11,909
Primary	11,481	10,173	21,654
Preparatory	14,858	11,454	26,312
Secondary	20,564	21,395	41,959
Above Secondary and Below University	2,324	1,874	4,197
University	6,141	6,333	12,474
Higher Diploma	373	250	623
Master	555	149	704
Ph.D.	160	62	222
<b>Al Gharbia</b>	<b>11,297</b>	<b>7,399</b>	<b>18,696</b>
Illiterate	387	644	1,032
Read and Write	1,002	723	1,725
Primary	2,015	1,187	3,202
Preparatory	2,607	1,336	3,944
Secondary	3,609	2,496	6,105
Above Secondary and Below University	408	219	626
University	1,078	739	1,817
Higher Diploma	65	29	95
Master	97	17	115
Ph.D.	28	7	35

Source: Statistics Centre - Abu Dhabi

#### 4.1.37. Non-Citizen Population Estimates ( 10 Years and over) by Region, Education Status and Gender, Mid 2011

Region and Educational Status	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>1,197,897</b>	<b>339,049</b>	<b>1,536,946</b>
Illiterate	95,592	23,835	119,427
Read and Write	244,024	48,260	292,284
Primary	190,648	45,046	235,694
Preparatory	206,377	47,368	253,745
Secondary	244,853	89,331	334,185
Above Secondary and Below University	51,503	21,114	72,617
University	141,569	56,743	198,312
Higher Diploma	5,160	2,116	7,277
Master	13,029	4,270	17,299
Ph.D.	5,141	964	6,106
<b>Abu Dhabi Region</b>	<b>743,264</b>	<b>231,456</b>	<b>974,720</b>
Illiterate	59,312	16,271	75,584
Read and Write	151,410	32,945	184,356
Primary	118,292	30,751	149,044
Preparatory	128,052	32,336	160,388
Secondary	151,925	60,983	212,908
Above Secondary and Below University	31,956	14,414	46,370
University	87,840	38,736	126,576
Higher Diploma	3,202	1,445	4,646
Master	8,084	2,915	10,999
Ph.D.	3,190	658	3,848
<b>Al Ain Region</b>	<b>272,027</b>	<b>95,708</b>	<b>367,735</b>
Illiterate	21,708	6,728	28,436
Read and Write	55,415	13,623	69,038
Primary	43,294	12,716	56,010
Preparatory	46,866	13,371	60,237
Secondary	55,603	25,217	80,820
Above Secondary and Below University	11,696	5,960	17,656
University	32,148	16,018	48,166
Higher Diploma	1,172	597	1,769
Master	2,959	1,205	4,164
Ph.D.	1,168	272	1,440
<b>Al Gharbia</b>	<b>182,606</b>	<b>11,885</b>	<b>194,491</b>
Illiterate	14,572	836	15,407
Read and Write	37,199	1,692	38,890
Primary	29,062	1,579	30,641
Preparatory	31,460	1,660	33,120
Secondary	37,325	3,131	40,457
Above Secondary and Below University	7,851	740	8,591
University	21,581	1,989	23,570
Higher Diploma	787	74	861
Master	1,986	150	2,136
Ph.D.	784	34	818

Source: Statistics Centre - Abu Dhabi

## 4.2. Health

Health services in Abu Dhabi have experienced remarkable expansion and transformation over the past 20 Years. This is evidenced in a host of ways but is most evident in the significant rise in the number of hospitals and other health facilities over this period, which proves that the Emirate still strives for developed world standards in health care.

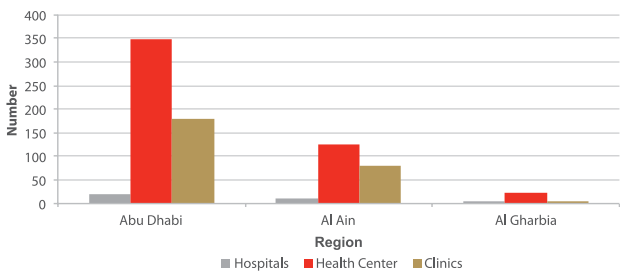
Data for 2011 point to a small decrease in the number of health professionals, with the number of 2.3 physicians per 1000 population dropping from 2,026 to 1,966. There are 5 nurses per 1000 population.

Similarly, the number of government hospital beds has declined slightly from 2,582 to 2,415, with a total of 3,659 beds in all government and private hospitals. This translates to 1,335,535 available hospital bed days per Year.

A focus on increasing levels of health funding in the Emirate has resulted in proliferation of insurance companies and the health insurance products available. The number of ‘Enhanced’ health insurance products purchased in 2010 was 1,044,734 which increased to 1,053,893 in 2011. There has been a steady increase each Year since 2008 in “enhanced” health insurance products purchased in Abu Dhabi.

Key Health Statistics		
2011	Physicians per 1000 populations	2.3
	Beds per 1000 populations	1.7
	Nurses per 1000 population	5.0
	Hospitals	35
	Hospital Beds	3,659
	Health centres	494
	Clinics	265
	Pharmacies	427
	Physicians	4,900
	Nurses	10,504

Figure 4.2.1. Hospitals, Health Centres and Clinics by Region, 2012



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

4.2.1. Summary of Government Health Statistics

Details	2008	2009	2010	2011
Hospitals	12	12	12	12
Clinics	51	59	48	-
Beds	2,596	2,652	2,582	2,415
Patients Admitted	106,200	105,100	105,200	84,000
Doctors	2,786	1,822	2,026	1,699
Out - Patients	1,379,800	1,331,900	1,386,700	2,233,400

Source: Health Authority - Abu Dhabi



4.2.2. Hospitals by Region and Sector

Region and Sector	2008	2009	2010	2011
<b>Adu Dhabi Emirate</b>	<b>39</b>	<b>39</b>	<b>33</b>	<b>35</b>
Government	12	12	12	12
Private	25	25	19	21
Military	2	2	2	2
<b>Abu Dhabi Region</b>	<b>24</b>	<b>23</b>	<b>18</b>	<b>19</b>
Government	4	4	4	4
Private	19	18	13	14
Military	1	1	1	1
<b>Al Ain Region</b>	<b>9</b>	<b>10</b>	<b>9</b>	<b>10</b>
Government	3	3	3	3
Private	5	6	5	6
Military	1	1	1	1
<b>Al Gharbia</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>
Government	5	5	5	5
Private	1	1	1	1
Military	0	0	0	0

Source: Health Authority - Abu Dhabi

#### 4.2.3. Hospitals, Health Centres and Clinics by Region

Region	2008	2009	2010	2011
<b>Abu Dhabi Emirate</b>				
Hospitals	39	39	*33	35
Health Centres	386	360	435	494
Clinics	196	207	239	265
<b>Abu Dhabi Region</b>				
Hospitals	24	23	18	19
Health Centres	286	260	310	348
Clinics	125	134	168	180
<b>Al Ain Region</b>				
Hospitals	9	10	9	10
Health Centres	95	95	110	124
Clinics	66	68	68	81
<b>Al Gharbia</b>				
Hospitals	6	6	6	6
Health Centres	5	5	15	22
Clinics	5	5	3	4

Source: Health Authority - Abu Dhabi

\* In 2010 day surgery hospitals were re-classified as health centres in accordance with the applicable Health Facilities Licensing Criteria. In addition, one new hospital was granted a license to operate.

#### 4.2.4. Death Rate (Per 100,000 Population) by Causes of Death, 2011

Causes of Death	Rate
Diseases of the Circulatory System	51.35
External Causes of Morbidity and Mortality	22.68
Neoplasms	21.74
Diseases of the respiratory System	5.85
Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified	5.52
Injury, Poisoning and certain other consequences of external causes	4.76
Endocrine, Nutritional and Metabolic diseases	4.62
Certain conditions originating in the prenatal period	4.10
Certain Infectious and Parasitic Diseases	3.82
Congenital Malformations, Deformations and Chromosomal	3.40
Diseases of the digestive system	2.92
Diseases of the genitourinary system	1.98
Diseases of the nervous system	1.70
Diseases of the blood and blood - forming organs and certain disorders involving the immune mechanism	0.80
Diseases of the musculoskeletal system and connective tissues	0.66
Diseases of the skin and subcutaneous tissues	0.09
Pregnancy, childbirth and the puerperium	0.09
Diseases of the ear and mastoid process	0.05
Diseases of the eye and adnexa	0.05
Mental and behavioral disorders	0.05
NA	0.66

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

#### 4.2.5. Clinicians (Per 100,000 Population) by Region

Region	2008	2009	2010	2011
<b>Abu Dhabi Emirate</b>				
Physicians	312	237	242	231
Nurses	406	446	418	495
Dentists	49	45	45	41
<b>Abu Dhabi Region</b>				
Physicians	-	294	258	242
Nurses	-	498	433	532
Dentists	-	57	50	44
<b>Al Ain Region</b>				
Physicians	-	222	251	249
Nurses	-	515	449	518
Dentists	-	41	45	42
<b>Al Gharbia</b>				
Physicians	-	116	118	118
Nurses	-	260	244	222
Dentists	-	16	13	14

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

#### 4.2.6. Notifications of Infectious Diseases

Infectious Diseases	2005	2009	2010	2011
<b>Total</b>	<b>12,345</b>	<b>13,355</b>	<b>14,322</b>	<b>20,295</b>
Acute Flaccid Paralysis	6307	7219	7429	11768
Chicken Pox	570	1393	1415	2731
Measles	384	518	711	673
Mumps	191	479	668	580
Rubella	42	495	654	585
Tetanus	111	309	471	667
Whooping Cough	239	192	450	383
Influenza	45	133	335	394
Campylobacter food poisoning	51	65	318	243
Para Typhoid	53	0	248	282
Salmonella food poisoning	117	200	221	194
Salmonella Others	186	181	193	138
Staphylococcus food poisoning	0	79	175	183
Other food poisoning	71	175	105	239
Typhoid Fever	0	0	90	0
Hepatitis A	10	40	73	39
Hepatitis B Cases	335	145	62	99
Hepatitis C Cases	25	27	62	42
V Hepatitis Other	863	36	55	82
Meningococcal Meningitis	28	45	52	75
H Influenza Meningitis	32	52	51	0
Viral Mening	18	34	50	49
Viral Mening Asep	76	0	36	37
Other Bacterial Meningitis	0	12	26	1
Leprosy	23	48	22	42
Malaria	15	30	12	0
Scabies	14	11	11	15
Scarlet Fever	6	10	10	10
Cholera	0	3	1	3
Seasonal Influenza	5	36	1	0
Pulmonary Tuberculosis	0	0	0	0
Extra Pulmonary Tuberculosis	105	205	0	0
Syphilis	0	0	0	0
Other STD	1	0	0	0
Ascariasis	0	0	0	0
Bacillary Dysentery	15	24	0	0
Other bacterial Dysentery	0	33	0	0
Amoebic Dysentery	3	0	0	0
Gonorrhoea	2	0	0	0
Brucellosis	0	951	0	0
Ancylostomiasis	1037	0	0	0
Strep-pneumonia	0	123	0	0
Schistosomiasis	470	0	0	0
Other intestinal parasites	193	0	0	0
Acute Encephalites	6	0	0	0
Giardia Lambia	672	0	0	0
Other	24	52	315	741

Source: Health Authority - Abu Dhabi

#### 4.2.7. Beds and Admissions in Government Hospitals by Region

Region	2008	2009	2010	2011
<b>Abu Dhabi Emirate</b>				
Beds	2596	2,652	2,582	2,610
Patients Admitted	106200	105,100	105,200	84,000
<b>Abu Dhabi Region</b>				
Beds	1492	1,550	1,504	1,511
Patients Admitted	59000	58,700	59,100	45,900
<b>Al Ain Region</b>				
Beds	831	851	824	837
Patients Admitted	39100	38,400	38,900	32,000
<b>Al Gharbia</b>				
Beds	273	251	254	262
Patients Admitted	8100	8,000	7,200	6,100

Source: Health Authority - Abu Dhabi

#### 4.2.8. Immunizations Carried Out by Type

Vaccinations	2008	2009
<b>Total</b>	<b>750,881</b>	<b>588,451</b>
Poliomyelitis	169,418	73,803
Pneumococcal Conjugate	87,429	75,462
Homophiles Influenza Type B	84,049	74,927
Diphtheria	83,271	74,480
Tetanus	83,271	74,480
Pertussis	82,836	74,225
Measles	27,421	18,539
Rubella	27,421	18,539
Meningococcal C - Conjugate	6	19
Mumps	27,421	18,539
Hepatitis A	399	433
Hepatitis - B	26,687	68,846
Bacilla Calmette - Guerin	26,318	12,410
Tetavalent	8,683	0
Rotavirus	769	1,730
Varicella (Chicken pox)	505	573
Influenza	217	360
Others	14,760	1,086

Source: Health Authority - Abu Dhabi

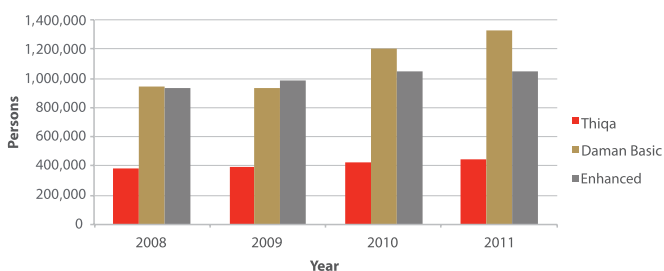
#### 4.2.9. Persons Insured by Health Insurance Companies \*

Insurance Company	2008	2009	2010	2011
Thiqa	383,795	394,618	422,239	442,261
Daman Basic	944,344	936,207	1,204,418	1,322,804
Enhanced	932,610	981,744	1,044,734	1,053,893

Source: Health Authority - Abu Dhabi

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

**Figure 4.2.2 Persons Insured by Insurance Companies**



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

## 4.3. Social Welfare

The social welfare services provided in Abu Dhabi Emirate contributed significantly in supporting individuals of the society.

The number of beneficiaries from social aid was 38,949, and the total value of aid was 806,474,359 AED.

The number of nurseries operating under the supervision of the Ministry of Social Affairs in Abu Dhabi Emirate increased from 66 in 2010 to 83 in 2011, with 85.0 children per nursery, 8.0 children per employee at nurseries and 10.7 employees per nursery.

There are 2,285 students enrolled in government and private care centres, of whom 66.4% were citizens and 33.6%, were non-citizens.

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

Type of Activity	2005	2009	2010	2011
<b>Total</b>	<b>42</b>	<b>47</b>	<b>50</b>	<b>52</b>
Women	4	2	2	3
Professional	7	8	8	8
Popular Art	4	4	4	4
Cultural and Public Services	10	13	15	16
Humanitarian Services	1	3	4	4
Theatres	3	4	4	4
Foreign Associations	13	13	13	13

Source: Ministry of Social Affairs

### 4.3.2. Non Government Organizations (NGO's) and Members (Active and Associate) by Type of Activity, 2010

Type of Activity	Number	Members		
		Active	Associate	Total
<b>Total</b>	<b>50</b>	<b>23,594</b>	<b>3,022</b>	<b>26,616</b>
Women	2	31	0	31
Professional	8	11,522	2,301	13,823
Popular Art	4	1,951	168	2,119
Cultural and Public Services	15	1,090	371	1,461
Humanitarian Services	4	283	126	409
Theatres	4	132	56	188
Foreign Associations	13	8,585	0	8,585

Source: Ministry of Social Affairs

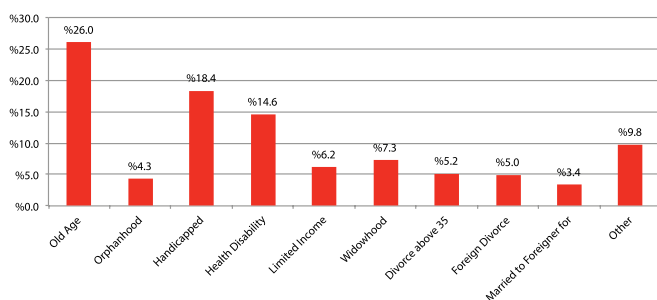


#### 4.3.3. Cases and Beneficiaries of Social Aid Offered to Citizens by Gender, 2012

Case Type	Cases		Beneficiaries	
	Males	Females	Males	Females
<b>Total</b>	<b>3,590</b>	<b>8,973</b>	<b>18,602</b>	<b>20,347</b>
Old Age	1,281	2,328	6,369	3,774
Orphanhood	144	173	782	901
Handicapped	808	610	3,862	3,290
Illegitimate	7	16	7	16
Health Disability	963	217	4,738	944
Limited Income	290	1	2,403	3
Widowhood	0	694	0	2,830
Foreign widow	0	16	0	71
Foreign widow and have orphans	0	57	0	382
Abandonment	0	6	0	9
Divorce below 35	0	586	0	592
Divorce above 35	0	1,897	0	2,012
Foreign Divorce	0	543	0	1,930
Never Married below 35	0	201	0	799
Never Married above 35	0	180	0	475
Married to Foreigner for themselves	0	1,234	0	1,308
Married to Foreigner for themselves and their children	0	98	0	416
Prisoner's Families	48	58	170	233
Married Students	0	0	0	0
Exceptions	0	58	0	362
Unemployed for reasons beyond	49	0	271	0

Source: Ministry of Social Affairs, Statistics Centre - Abu Dhabi

**Figure 4.3.1 Distribution of Beneficiaries of Social Aid by Reason of Aid, 2012**



Source: Ministry of Social Affairs, Statistics Centre - Abu Dhabi

#### 4.3.4. Benefits Paid by Month of Aid, 2012

(Million AED)

Month	Benefits (AED)
<b>Total</b>	<b>806.5</b>
January	65.7
February	66.0
March	66.2
April	66.6
May	66.9
June	67.1
July	67.4
August	67.6
September	68.0
October	68.0
November	68.0
December	69.0

Source: Ministry of Social Affairs

#### 4.3.5. Nurseries , Employees and Children in Nurserie\*

Item	2005	2009	2010	2011
Number of Nurseries	31	46	66	83
Number of employees at Nurseries	282	653	836	884
Number of Children at Nurseries	2,275	3,970	6,225	7,058

Source: Ministry of Social Affairs

\* Operating Under the Supervision of the Ministry of Social Affairs

#### 4.3.6. Nurseries , Employees and Children Ratios in Nurseries\*

Item	2005	2009	2010	2011
Children per Nursery	73.4	86.3	94.3	85.0
Children per Employee at Nurseries	8.1	6.1	7.4	8.0
Employees at Nurseries per Nursery	9.1	14.2	12.7	10.7

Source: Statistics Centre - Abu Dhabi, Ministry of Social Affairs

\* Operating Under the Supervision of the Ministry of Social Affairs

#### 4.3.7. Children in Nurseries by Citizenship, Gender and Age\*

Items	2005	2009	2010	2011
<b>Total</b>	<b>2,275</b>	<b>3,970</b>	<b>6,225</b>	<b>7,058</b>
Citizens	481	776	1,755	2,390
Non-Citizens	1,794	3,194	4,470	4,668
Males	1,103	1,910	2,963	3,702
Females	1,172	2,060	3,262	3,356
Infants	321	257	565	1,066
Non-Infants	1954	3713	5660	5,992

Source: Ministry of Social Affairs

\* Operating Under the Supervision of the Ministry of Social Affairs

#### 4.3.8. Students with a Disability in Government and Private Care Centres by Citizenship and Gender, 2012

Citizenship	Males	Females	Total
<b>Total</b>	<b>1,479</b>	<b>806</b>	<b>2,285</b>
Citizens	960	558	1,518
Non-Citizens	519	248	767

Source: Ministry of Social Affairs

## 4.4. Security and Safety

Security and safety data provides key indicators on the efforts made by the Emirate in achieving justice, security and stability.

Data on traffic accidents and emergency incidents (fire fighting and rescue/aid) indicate that the number of fire fighting incidents has declined from 1,192 in 2011 to 783 in 2012. During the same period the number of rescue/aid incidents has declined from 318 to 226 incidents, the number of injuries has declined from 463 to 323 injuries and the number of deaths has declined from 53 to 34 deaths.

### 4.4.1. Fire fighting Incidents, First Aid/Rescue, Deaths and Injuries

Year	2009	2010	2011	2012
Fire Incidents	1,131	1,189	1,192	783
First Aid/ Rescue	518	364	318	226
Deaths	81	72	53	34
Injuries	719	532	463	323

Source: Abu Dhabi Civil Defence General Directorate

### 4.4.2. Fire Fighting Incidents, First Aid/Rescue, Deaths and Injuries by Month, 2012

Month	Fire Incidents	First Aid/ Rescue	Deaths	Injuries
<b>Total</b>	<b>783</b>	<b>226</b>	<b>34</b>	<b>323</b>
January	82	25	4	38
February	51	23	5	23
March	67	11	3	27
April	71	22	4	26
May	86	20	0	29
June	81	13	1	18
July	33	7	0	9
August	68	15	3	19
September	50	17	2	23
October	66	16	5	26
November	59	26	4	33
December	69	31	3	52

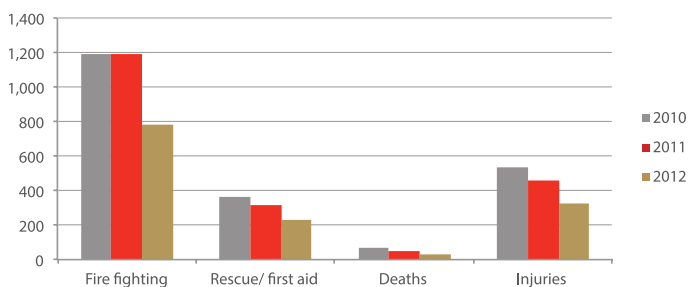
Source: Abu Dhabi Civil Defence General Directorate

#### 4.4.3. Incidents, Deaths and Injuries by Region, 2012

	Abu Dhabi Region	Al Ain Region	Al Gharbia	Total
<b>Fire fighting</b>				
Incidents	473	240	70	783
Deaths	3	3	2	8
Injuries	27	19	7	53
<b>Rescue/ first aid</b>				
Incidents	117	12	97	226
Deaths	14	6	6	26
Injuries	107	11	152	270

Source: Abu Dhabi Civil Defence General Directorate

**Figure 4.4.1 Fire Incidents, First Aid/ Rescue, Deaths and Injuries**



Source: Abu Dhabi Civil Defence General Directorate

#### 4.4.4. Traffic Accidents by Type of Accident and Region, 2011

Type of Accident	Abu Dhabi Region	Al Ain Region	Al Gharbia	Total
<b>Total</b>	<b>1,588</b>	<b>492</b>	<b>301</b>	<b>2,381</b>
Vehicle caught fire	3	0	0	3
Turover	220	109	102	431
Run over	361	83	44	488
Fall	9	8	5	22
Collision during rotation	11	9	3	23
Side collision	192	90	42	324
Collision with a fixed object off road	87	23	17	127
Collision with a fixed object on road	54	14	4	72
Collision with a moving object off road	4	0	0	4
Collision with a moving object on road	24	2	2	28
Collision involving an animal	1	1	5	7
Rear end collision	229	77	37	343
Vertical collision	299	41	19	359
Motionless collision	1	1	0	2
Consecutive collision	19	1	10	30
Head on collision	62	31	7	100
Other	12	2	4	18

Source: General Directorate of Abu Dhabi Police

#### 4.4.5. Deaths and Injuries Resulting from Traffic Accidents by Type of Accident and Injury Severity, 2011

Type of Accidents	Death	Minor	Moderate	Serious
<b>Total</b>	<b>334</b>	<b>1,526</b>	<b>1,623</b>	<b>390</b>
Turnover	63	254	321	108
Rear end Collision	48	312	267	48
Side Collision	44	240	256	44
Vertical Collision	21	340	196	46
Other	158	380	583	144

Source: General Directorate of Abu Dhabi Police

#### 4.4.6. Road Traffic Casualties by Type

Type of Casualty	2005	2009	2010	2011
<b>Total</b>	<b>4,068</b>	<b>5,240</b>	<b>4,282</b>	<b>3,873</b>
Death	286	412	367	334
Minor Injury	1,700	2,085	1,669	1,526
Moderate Injury	1,743	2,258	1,843	1,623
Serious Injury	337	485	403	390
Others	2	0	0	0

Source: General Directorate of Abu Dhabi Police

#### 4.4.7. Road Traffic Casualties by Type of Accident

Type of Accident	2005	2009	2010	2011
<b>Total</b>	<b>2,436</b>	<b>3,221</b>	<b>2,639</b>	<b>2,381</b>
Motionless collision	358	7	8	2
Run over	471	648	531	488
Turn over	404	541	469	431
Collision involving animals	6	11	8	7
Fall	35	22	28	22
Vertical collision	82	363	326	359
Collision during rotation	73	32	38	23
Side collision	477	487	377	324
Consecutive collision	408	53	34	30
Head on collision	119	135	123	100
Other*	3	922	697	595

Source: General Directorate of Abu Dhabi Police

\* A change of classification has resulted in large numbers of "other"

#### 4.4.8. Traffic Accidents by Month and Region, 2011

Month	Abu Dhabi Region	Al Ain Region	Al Gharbia	Total
<b>Total</b>	<b>1,588</b>	<b>492</b>	<b>301</b>	<b>2,381</b>
January	129	46	28	203
February	134	38	21	193
March	161	56	27	244
April	142	34	24	200
May	126	46	29	201
June	121	38	27	186
July	118	40	27	185
August	137	37	27	201
September	146	41	25	212
October	133	29	19	181
November	127	54	27	208
December	114	33	20	167

Source: General Directorate of Abu Dhabi Police

#### 4.4.9. Road Traffic Casualties by Month and Type of Casualty, 2011

Month	Death	Serious Injury	Moderate Injury	Minor Injury
<b>Total</b>	<b>334</b>	<b>390</b>	<b>1,623</b>	<b>1,526</b>
January	36	44	128	143
February	33	27	143	94
March	38	39	173	160
April	33	29	143	113
May	26	32	146	192
June	25	26	132	95
July	18	19	126	117
August	26	37	138	111
September	28	45	128	152
October	17	36	119	114
November	27	38	141	124
December	27	18	106	111

Source: General Directorate of Abu Dhabi Police



#### 4.4.10. Traffic Accidents by Region, Gender and Cause of Accident, 2011

Cause of Accident	Males	Females	N/A	Total
<b>Abu Dhabi Emirate</b>	<b>2,117</b>	<b>216</b>	<b>48</b>	<b>2,381</b>
Neglect and lack of attention	372	24	9	405
Sudden deviation	351	46	3	400
Tailgating	203	17	4	224
Crossing a red signal	185	45	1	231
Reckless driving	231	24	7	262
Failure to keep in proper lane	123	11	2	136
Misjudgment of road users	98	10	10	118
Other	554	39	12	605
<b>Abu Dhabi Region</b>	<b>1,382</b>	<b>172</b>	<b>34</b>	<b>1,588</b>
Neglect and lack of attention	273	21	6	300
Sudden deviation	233	38	3	274
Tailgating	133	16	4	153
Crossing a red signal	166	41	1	208
Reckless driving	155	19	6	180
Failure to keep in proper lane	50	4	1	55
Misjudgment of road users	91	9	9	109
Other	281	24	4	309
<b>Al Ain Region</b>	<b>449</b>	<b>35</b>	<b>8</b>	<b>492</b>
Neglect and lack of attention	30	0	0	30
Sudden deviation	17	4	0	21
Tailgating	53	1	0	54
Crossing a red signal	18	4	0	22
Reckless driving	71	5	1	77
Failure to keep in proper lane	64	6	1	71
Misjudgment of road users	5	1	0	6
Other	191	14	6	211
<b>Al Gharbia</b>	<b>286</b>	<b>9</b>	<b>6</b>	<b>301</b>
Neglect and lack of attention	69	3	3	75
Sudden deviation	101	4	0	105
Tailgating	17	0	0	17
Crossing a red signal	1	0	0	1
Reckless driving	5	0	0	5
Failure to keep in proper lane	9	1	0	10
Misjudgment of road users	2	0	1	3
Other	82	1	2	85

Source: General Directorate of Abu Dhabi Police

#### 4.4.11 Traffic Accidents by Region, Type of Vehicle and Gender, 2011

Type of Vehicle	Males	Females	N/A	Total
<b>Abu Dhabi Emirate</b>	<b>2,117</b>	<b>216</b>	<b>48</b>	<b>2,381</b>
Heavy Bus	69	0	0	69
Light Bus	28	0	0	28
Heave Mechanical Device	21	0	0	21
Light Mechanical Device	6	0	0	6
Motorcycle	89	2	3	94
Heavy Freight	195	0	0	195
Light Vehicle	1,649	213	18	1,880
N/A	60	1	27	88
<b>Abu Dhabi Region</b>	<b>1,382</b>	<b>172</b>	<b>34</b>	<b>1,588</b>
Heavy Bus	55	0	0	55
Light Bus	23	0	0	23
Heave Mechanical Device	9	0	0	9
Light Mechanical Device	6	0	0	6
Motorcycle	60	2	1	63
Heavy Freight	118	0	0	118
Light Vehicle	1,068	170	14	1,252
N/A	43	0	19	62
<b>Al Ain Region</b>	<b>449</b>	<b>35</b>	<b>8</b>	<b>492</b>
Heavy Bus	7	0	0	7
Light Bus	4	0	0	4
Heave Mechanical Device	4	0	0	4
Light Mechanical Device	0	0	0	0
Motorcycle	23	0	0	23
Heavy Freight	25	0	0	25
Light Vehicle	377	35	2	414
N/A	9	0	6	15
<b>Al Gharbia</b>	<b>286</b>	<b>9</b>	<b>6</b>	<b>301</b>
Heavy Bus	7	0	0	7
Light Bus	1	0	0	1
Heave Mechanical Device	8	0	0	8
Light Mechanical Device	0	0	0	0
Motorcycle	6	0	2	8
Heavy Freight	52	0	0	52
Light Vehicle	204	8	2	214
N/A	8	1	2	11

Source: General Directorate of Abu Dhabi Police

## 4.5. 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 cultural lectures organized by Abu Dhabi Tourism and Culture Authority has increased from 54 in 2011 to 62 in 2012. Also the number of books at National Library increased from 375,923 in 2010 to 409,256 in 2012 which reflects the number of visitors and borrowers in 2012, 122,962 visitors and 27,885 borrowers.

The number of visitors to the four museums in Abu Dhabi Emirate increased from 146,110 in 2011 to 163,584 in 2012.

**Figure 4.5.1 Books Available at Citizen Library by Subject, 2012**



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

#### 4.5.1. Cultural Season's Lectures by Subject

Lecture Subject	2005	2010	2011	2012
<b>Total</b>	<b>72</b>	<b>58</b>	<b>54</b>	<b>62</b>
Scientific	26	9	8	12
Ideological \ Intellectual	-	-	-	10
Religious	10	8	7	5
Arts	6	20	15	14
Politics and Economics	13	12	14	12
Technical	17	9	10	9

Source: Abu Dhabi Tourism & Culture Authority

#### 4.5.2. Books Available at National Library by Subject

Subject	2005	2010	2011	2012
<b>Total</b>	<b>240,220</b>	<b>375,923</b>	<b>393,587</b>	<b>409,256</b>
Religious	35,500	58,112	60,911	61,980
Historical	34,200	49,830	51,125	52,816
Literature	41,800	53,814	56,590	57,620
Politics	38,000	52,840	53,490	54,988
Economic	9,700	19,960	21,316	22,752
Law	7,800	13,818	14,703	15,813
Arts	7,000	12,314	12,690	12,918
Pure science	17,300	28,265	29,916	31,922
Applied Science	18,000	33,162	35,906	37,585
Children's Book	15,200	23,890	25,600	26,965
General Information	15,720	29,918	31,340	33,897

Source: Abu Dhabi Tourism & Culture Authority

#### 4.5.3. Visitors and Borrowers at the National Library by Gender\*

Item	2005	2009	2011	2012
<b>Visitors</b>	<b>170,339</b>	<b>132,859</b>	<b>9,741</b>	<b>122,962</b>
Males	91,541	77,216	n.a	88,904
Females	78,798	55,643	n.a	34,058
<b>Borrowers</b>	<b>10,524</b>	<b>22,332</b>	<b>357</b>	<b>27,885</b>
Males	5,682	14,520	n.a	19,213
Females	4,842	7,812	n.a	8,672

Source: Abu Dhabi Tourism & Culture Authority

\* The Library was closed in 2010 for rehabilitation of the building

#### 4.5.4. Number of Islamic Facilities by Region, 2012

Item	Abu Dhabi Region	Al Ain Region	Al Gharbia	Total
Number of built Mosques	653	1,084	930	2,667
Number of Mosques under construction	35	21	19	75
Number of lands designated for Moques and not built	25	12	6	43
Number of Quran Memorization Centres	10	27	2	39
Number of Hajj and Umra Campaigns	54	19	1	74

Source: General Authority of Islamic Affairs and Endowments

#### 4.5.5. Number of Preachers, Imams and Muezzins by Region, 2012

Item	Abu Dhabi Region	Al Ain Region	Al Gharbia	Total
Number of preachers	17	6	1	24
Number of women preachers	10	3	1	14
Number of Imams	485	519	112	1,116
Number of Imams who rhetoric	377	440	180	997
Number of Muezzins	189	328	79	596

Source: General Authority of Islamic Affairs and Endowments

#### 4.5.6. Visitors by the Zoo, Museums and Public Parks

	2006	2010	2011	2012
<b>Total</b>	<b>2,628,486</b>	<b>2,718,175</b>	<b>2,713,982</b>	<b>3,375,656</b>
Zoo	619,042	955,930	930,086	971,338
Hili Fun city	235,132	338,073	318,995	303,751
Public Parks	1,664,640	1,295,057	1,318,791	1,936,983
Al Ain Museum	53,110	38,634	39,670	45,661
Al Ain Palace Museum	56,562	77,119	84,041	98,621
Dalma Museum*	-	1,918	1,650	2,231
Al Jahili Fort Museum**	-	11,444	20,749	17,071

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

\* Started in 2008

\*\*Started in 2009

#### 4.5.7. Printing Press Shops, Book Stores, Publishers, Advertisers and Cinemas by Region, 2012\*

Item	Abu Dhabi Region	Al Ain Region	Al Gharbia	Total
Printing Press Shop	11	2	1	14
Book Stores	32	11	2	45
Publishers	30	7	1	38
Newspapers/Magazines	6	1	0	7
Advertisers	71	3	2	76
Cinemas	3	0	0	3

**Source:** Citizen Media Council

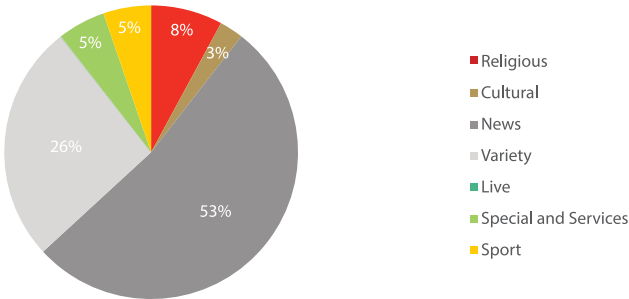
\*issued in 2012 only

#### 4.5.8. Number of Live Programs that Broadcasted from Abu Dhabi Radio Station

Type of Program	2009	2010	2011	2012
<b>Total</b>	<b>44</b>	<b>43</b>	<b>40</b>	<b>38</b>
Religious	7	5	10	3
Cultural	2	8	1	1
News	21	17	12	20
Variety	10	7	3	10
Special and Services	3	3	14	2
Sports	-	-	-	2
Other	1	3	1	0

Source: Abu Dhabi Media Company

**Figure 4.5.2. Number of Live Programs that Broadcasted from Abu Dhabi Radio Station by Type of Program, 2012**



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







## 5. Labour Force

- Labour Force Structure
- Employment
- Unemployment
- Inactive Population and  
Dependency Ratio

# 05. Labour Force

Results of the labour force survey in the fourth quarter of 2012 showed that the estimated total number in the labour force were 1,628 thousands, with 16.0% female. While the Refined participation rate reached 82.4%, the Economic Dependency Ratio reached 49.0%.

key Indicators*		
2012	Percentage of Employed to Total Population Aged 15 Year and above	79.8%
	Unemployment Rate	3.2%
	Crude Participation Rate	67.1%
	Refined Participation Rate	82.4%
	Females as a percentage of total labour force	16.0%
	Economic Dependency Ratio	49.0%

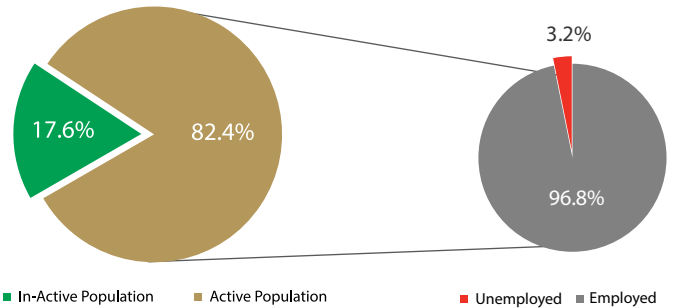
\*Estimated of Labour Force Survey, 2012

## 5.1. Labour Force Structure

The labour force includes employed and unemployed individuals who are aged 15 Years and above. Data showed that Abu Dhabi Region had the largest share of labour force with 56.9%, followed by Al Ain Region with 27.5%, and Al Gharbia with 15.5%.

Data on age structure of labour force in 2012 indicated that the 25-29 age group accounted for the largest share of labour force with 24.5%.

Figure 5.1.1. Distribution of the population (15 Years and Over), 2012



Source: Statistics Centre - Abu Dhabi

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

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

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

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

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

(%)

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

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

### 5.1.3. Percentage Distribution of Estimated Labour Force (15 Years and Over) by Citizenship, Gender and Region, 2012

(%)

Citizenship and Gender	Abu Dhabi Region	Al Ain Region	Al Gharbia	Abu Dhabi Emirate
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Males	83.0	81.4	92.4	84.0
Females	17.0	18.6	7.6	16.0
<b>Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Males	69.0	67.2	69.8	68.3
Females	31.0	32.8	30.2	31.7
<b>Non-Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Males	84.2	83.5	93.2	85.5
Females	15.8	16.5	6.8	14.5

Source: Statistics Centre - Abu Dhabi

### 5.1.4. Percentage Distribution of Estimated Labour Force (15 Years and Over) by Region and Gender, 2012

(%)

Region and Gender	Labour Force	Employed	Unemployed
<b>Abu Dhabi Emirate</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Males	84.0	85.3	46.7
Females	16.0	14.7	53.3
<b>Abu Dhabi Region</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Males	83.0	84.1	46.7
Females	17.0	15.9	53.3
<b>Al Ain Region</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Males	81.4	83.2	46.1
Females	18.6	16.8	53.9
<b>Al Gharbia</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Males	92.4	93.0	50.9
Females	7.6	7.0	49.1

Source: Statistics Centre - Abu Dhabi

### 5.1.5. Total Estimated Labour Force (15 Years and Over) by Age Group, Region and Gender, 2012

Age Group and Region	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.8	1.9	1.0
20 - 24	11.9	15.0	12.4
25 - 29	24.2	26.2	24.5
30 - 34	20.3	23.7	20.8
35 - 39	15.1	13.9	14.9
40 - 44	11.4	9.4	11.1
45 - 49	6.8	4.5	6.4
50 - 54	5.2	3.0	4.8
55 - 59	2.9	1.3	2.6
60 - 64	1.1	0.7	1.0
65+	0.3	0.2	0.3
Not Stated	0.0	0.1	0.1
<b>Abu Dhabi Region</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.8	1.3	0.9
20 - 24	11.2	13.5	11.6
25 - 29	25.2	24.7	25.1
30 - 34	21.3	23.1	21.6
35 - 39	14.4	14.6	14.5
40 - 44	10.7	11.1	10.8
45 - 49	6.3	4.8	6.1
50 - 54	5.4	4.0	5.2
55 - 59	3.0	1.6	2.8
60 - 64	1.1	0.9	1.1
65+	0.5	0.3	0.4
Not Stated	0.0	0.1	0.0
<b>Al Ain Region</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.9	3.1	1.3
20 - 24	13.5	19.1	14.6
25 - 29	22.0	28.1	23.2
30 - 34	17.7	22.3	18.5
35 - 39	14.2	12.7	13.9
40 - 44	12.1	7.0	11.2
45 - 49	8.7	4.5	7.9
50 - 54	5.5	1.8	4.8
55 - 59	3.6	1.0	3.1
60 - 64	1.5	0.2	1.3
65+	0.2	0.0	0.2
Not Stated	0.0	0.2	0.1
<b>Al Gharbia</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.6	1.5	0.7
20 - 24	11.7	10.2	11.6
25 - 29	24.5	30.4	24.9
30 - 34	21.1	35.2	22.2
35 - 39	18.5	13.3	18.1
40 - 44	12.7	5.8	12.2
45 - 49	5.2	2.2	5.0
50 - 54	3.9	0.6	3.6
55 - 59	1.3	0.5	1.3
60 - 64	0.4	0.2	0.4
65+	0.1	0.0	0.1
Not Stated	0.1	0.1	0.1

Source: Statistics Centre - Abu Dhabi

## 5.2. Employment

The estimated total number of employed persons who are aged 15 Years and above amounted to 1,577,013, with around 57.1% in Abu Dhabi Region. The total number of employed males amounted to 1,344,424, while employed females were 232,589.

The distribution by work status revealed that majority of employed persons in the Emirate of Abu Dhabi were paid employees by 97.0%, while 1.3% were own-account worker.

In regard to the educational structure of employees, data indicated that the largest share of them have a primary education 20.2%, followed by lower secondary degree 17.3%. The highest share of citizen employees has upper secondary education 30.9 %.

Indicators of employed population by main occupation showed that Craft or related trades had the largest share of employee with 25.7%, followed by Elementary occupations with 22.8% . In regard to citizen employees, data indicated that Service or sales worker occupations accounted for the largest share of employed persons with 23.7%, while Craft and related trades, and Elementary occupations had the largest shares of non-citizens with 27.7% and 24.6% respectively.

Data showed that the largest share of employee was in Construction activity with 30.1%, followed by Activities of households as employers undifferentiated goods & services with 11.4%, meanwhile Activities of extraterritorial organizations & bodies accounted for the lowest share of employees with 0.1%. Data showed that Public administration & defence; compulsory social security activities accounted for the largest share of citizen employees with 65.5%, while Construction accounted for the largest share of non-citizens with 32.5%.

Statistics indicated that private sector had the largest share of employees with 65.1%, followed by government sector with 15.2%. For citizen employees, 86.4% are in the government sector and 5.7% in the private sector.

### 5.2.1. Estimated Employed Population (15 Years and Over) by Age Group, Region and Gender, 2012

Age Group and Region	Males	Females	Total
<b>Abu Dhabi Emirate</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.6	1.7	0.8
20 - 24	11.6	13.8	11.9
25 - 29	24.3	26.2	24.6
30 - 34	20.4	23.9	20.9
35 - 39	15.2	14.3	15.1
40 - 44	11.5	10.0	11.3
45 - 49	6.8	4.6	6.4
50 - 54	5.1	3.2	4.9
55 - 59	2.9	1.4	2.7
60 - 64	1.1	0.7	1.0
65+	0.4	0.2	0.3
Not Stated	0.0	0.1	0.1
<b>Abu Dhabi Region</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.7	1.3	0.8
20 - 24	10.8	12.6	11.1
25 - 29	25.3	24.7	25.2
30 - 34	21.5	23.1	21.7
35 - 39	14.5	14.9	14.6
40 - 44	10.8	11.7	10.9
45 - 49	6.3	4.9	6.1
50 - 54	5.4	4.1	5.2
55 - 59	3.0	1.5	2.8
60 - 64	1.1	0.9	1.1
65+	0.5	0.3	0.4
Not Stated	0.0	0.1	0.0
<b>Al Ain Region</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.6	2.9	1.0
20 - 24	13.2	17.6	14.0
25 - 29	22.1	28.0	23.1
30 - 34	17.7	22.4	18.5
35 - 39	14.5	13.4	14.3
40 - 44	12.3	7.5	11.5
45 - 49	8.8	4.4	8.0
50 - 54	5.4	2.1	4.8
55 - 59	3.7	1.2	3.2
60 - 64	1.5	0.3	1.3
65+	0.2	0.0	0.2
Not Stated	0.0	0.2	0.1
<b>Al Gharbia</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	0.5	0.8	0.6
20 - 24	11.5	8.1	11.3
25 - 29	24.5	31.6	25.0
30 - 34	21.2	36.7	22.3
35 - 39	18.5	13.1	18.2
40 - 44	12.7	5.9	12.2
45 - 49	5.2	2.4	5.0
50 - 54	3.8	0.6	3.6
55 - 59	1.3	0.5	1.3
60 - 64	0.4	0.2	0.4
65+	0.1	0.0	0.1
Not Stated	0.1	0.1	0.1

Source: Statistics Centre - Abu Dhabi

### 5.2.2. Percentage Distribution of Estimated Employed Population (15 Years and Over) by Work Status, Citizenship and Gender, 2012

(%)

Work Status and Citizenship	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Employer	1.4	0.7	1.3
Own-account worker	0.9	0.3	0.8
Paid employee	97.0	97.2	97.0
Unpaid employee	0.1	0.2	0.1
Paid volunteer	0.0	0.1	0.0
Not Stated	0.6	1.5	0.8
<b>Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Employer	1.7	0.5	1.4
Own-account worker	0.7	0.0	0.5
Paid employee	96.4	97.6	96.7
Unpaid employee	0.1	0.1	0.1
Paid volunteer	0.1	0.0	0.1
Not Stated	1.0	1.8	1.2
<b>Non-Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Employer	1.4	0.8	1.3
Own-account worker	1.0	0.3	0.9
Paid employee	97.0	97.2	97.0
Unpaid employee	0.1	0.2	0.1
Paid volunteer	0.0	0.1	0.0
Not Stated	0.6	1.5	0.7

Source: Statistics Centre - Abu Dhabi



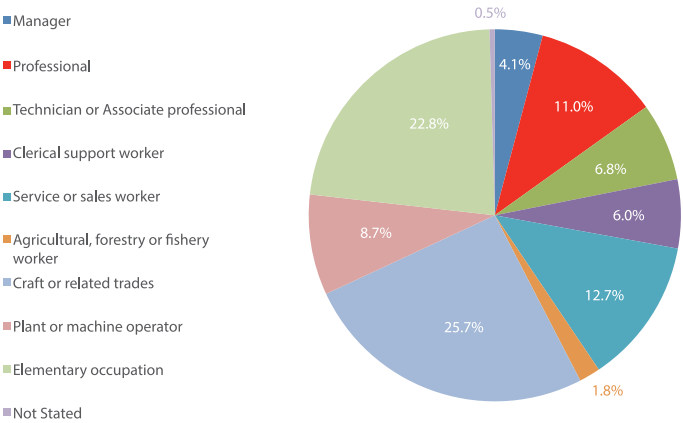
### 5.2.3. Percentage Distribution of Estimated Employed Population (15 Years and Over) by Educational attainment, Citizenship and Gender, 2012

(%)

<b>Educational attainment and Citizenship</b>	<b>Males</b>	<b>Females</b>	<b>Total</b>
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
less than primary	16.3	13.1	15.8
primary	21.5	12.6	20.2
Lower Secondary	18.7	9.7	17.3
Upper Secondary	16.4	16.4	16.4
Post-secondary	8.3	11.5	8.8
Bachelor	14.4	30.8	16.8
Postgraduate	4.2	5.4	4.4
Not Stated	0.2	0.6	0.3
<b>Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
less than primary	3.6	1.2	3.0
primary	6.5	2.1	5.3
Lower Secondary	15.1	4.1	12.2
Upper Secondary	34.1	22.2	30.9
Post-secondary	11.8	17.1	13.2
Bachelor	22.2	45.6	28.4
Postgraduate	6.7	7.3	6.8
Not Stated	0.1	0.5	0.2
<b>Non-Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
less than primary	17.2	15.0	16.9
primary	22.6	14.3	21.4
Lower Secondary	18.9	10.6	17.8
Upper Secondary	15.1	15.5	15.2
Post-secondary	8.1	10.5	8.4
Bachelor	13.8	28.3	15.8
Postgraduate	4.0	5.1	4.2
Not Stated	0.3	0.6	0.3

Source: Statistics Centre - Abu Dhabi

**Figure 5.2.1. Percentage Distribution of Estimated Employed Population (15 Years and over) by Main Occupation, 2012**



**Source:** Statistics Centre - Abu Dhabi

#### 5.2.4. Estimated Employed Population (15 Years and Over) by Main Occupation , Citizenship and Gender, 2012

Main Occupation and Citizenship	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Manager	4.4	2.4	4.1
Professional	9.7	18.0	11.0
Technician or Associate professional	6.4	9.0	6.8
Clerical support worker	4.8	12.9	6.0
Service or sales worker	13.1	10.2	12.7
Agricultural, forestry or fishery worker	2.1	0.1	1.8
Craft or related trades	30.0	0.4	25.7
Plant or machine operator	10.1	0.6	8.7
Elementary occupation	18.9	45.2	22.8
Not Stated	0.3	1.2	0.5
<b>Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Manager	14.8	6.8	12.6
Professional	16.7	37.3	22.2
Technician or Associate professional	18.6	17.1	18.2
Clerical support worker	11.9	28.4	16.3
Service or sales worker	30.2	5.7	23.7
Agricultural, forestry or fishery worker	0.4	0.1	0.4
Craft or related trades	1.8	0.4	1.5
Plant or machine operator	2.8	0.0	2.1
Elementary occupation	0.4	1.7	0.8
Not Stated	2.2	2.5	2.3
<b>Non-Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Manager	3.7	1.7	3.4
Professional	9.2	14.8	10.0
Technician or Associate professional	5.5	7.7	5.8
Clerical support worker	4.3	10.4	5.1
Service or sales worker	11.9	10.9	11.8
Agricultural, forestry or fishery worker	2.3	0.1	2.0
Craft or related trades	32.0	0.4	27.7
Plant or machine operator	10.7	0.7	9.3
Elementary occupation	20.2	52.3	24.6
Not Stated	0.2	1.0	0.3

Source: Statistics Centre - Abu Dhabi

There are slight differences due to Weighting

### 5.2.5. Percentage Distribution of Estimated Employed Population (15 Years and Over) by Main Occupation , Citizenship and Gender, 2012

(%)

Main Occupation and Citizenship	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Manager	4.4	2.4	4.1
Professional	9.7	18.0	11.0
Technician or Associate professional	6.4	9.0	6.8
Clerical support worker	4.8	12.9	6.0
Service or sales worker	13.1	10.2	12.7
Agricultural, forestry or fishery worker	2.1	0.1	1.8
Craft or related trades	30.0	0.4	25.7
Plant or machine operator	10.1	0.6	8.7
Elementary occupation	18.9	45.2	22.8
Not Stated	0.3	1.2	0.5
<b>Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Manager	14.8	6.8	12.6
Professional	16.7	37.3	22.2
Technician or Associate professional	18.6	17.1	18.2
Clerical support worker	11.9	28.4	16.3
Service or sales worker	30.2	5.7	23.7
Agricultural, forestry or fishery worker	0.4	0.1	0.4
Craft or related trades	1.8	0.4	1.5
Plant or machine operator	2.8	0.0	2.1
Elementary occupation	0.4	1.7	0.8
Not Stated	2.2	2.5	2.3
<b>Non-Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Manager	3.7	1.7	3.4
Professional	9.2	14.8	10.0
Technician or Associate professional	5.5	7.7	5.8
Clerical support worker	4.3	10.4	5.1
Service or sales worker	11.9	10.9	11.8
Agricultural, forestry or fishery worker	2.3	0.1	2.0
Craft or related trades	32.0	0.4	27.7
Plant or machine operator	10.7	0.7	9.3
Elementary occupation	20.2	52.3	24.6
Not Stated	0.2	1.0	0.3

Source: Statistics Centre - Abu Dhabi

### 5.2.6. Estimated Employed Population ( 15 Years and Over) by Economic Activity and Gender, 2012

Economic Activity	Males	Females	Total
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, forestry & fishing	6.2	0.2	5.3
Mining and quarrying	3.7	1.7	3.4
Manufacturing	6.6	0.7	5.7
Electricity, gas, steam & air conditioning supply	1.9	0.4	1.7
Water supply; sewerage, waste management & remediation activities	1.8	0.1	1.5
Construction	35.0	1.7	30.1
Wholesale & retail trade repair of motor vehicles and motorcycles	8.8	2.8	7.9
Transportation & storage	4.3	1.1	3.8
Accommodation & food service activities	2.8	6.1	3.3
Information & communication	1.1	1.0	1.1
Financial & insurance activities	1.8	3.1	2.0
Real estate activities	1.0	0.1	0.8
Professional, scientific & technical activities	1.7	1.4	1.7
Administrative & support service activities	4.7	2.3	4.3
Public administration & defence; compulsory social security	7.1	7.0	7.1
Education	1.5	10.6	2.8
Human health & social work activities	2.1	9.8	3.2
Arts, entertainment & recreation	1.0	3.4	1.3
Other service activities	0.9	0.7	0.9
Activities of households as employers undifferentiated goods & services	5.8	44.3	11.4
Activities of extraterritorial organizations & bodies	0.1	0.2	0.1
Not Stated	0.3	1.2	0.5

Source: Statistics Centre - Abu Dhabi  
There are slight differences due to Weighting

### 5.2.7. Percentage Distribution of Estimated Employed Population ( 15 Years and Over) by Economic Activity and Gender, 2012

(%)

Economic Activity	Males	Females	Total
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, forestry & fishing	6.2	0.2	5.3
Mining and quarrying	3.7	1.7	3.4
Manufacturing	6.6	0.7	5.7
Electricity, gas, steam & air conditioning supply	1.9	0.4	1.7
Water supply; sewerage, waste management & remediation activities	1.8	0.1	1.5
Construction	35.0	1.7	30.1
Wholesale & retail trade repair of motor vehicles and motorcycles	8.8	2.8	7.9
Transportation & storage	4.3	1.1	3.8
Accommodation & food service activities	2.8	6.1	3.3
Information & communication	1.1	1.0	1.1
Financial & insurance activities	1.8	3.1	2.0
Real estate activities	1.0	0.1	0.8
Professional, scientific & technical activities	1.7	1.4	1.7
Administrative & support service activities	4.7	2.3	4.3
Public administration & defence; compulsory social security	7.1	7.0	7.1
Education	1.5	10.6	2.8
Human health & social work activities	2.1	9.8	3.2
Arts, entertainment & recreation	1.0	3.4	1.3
Other service activities	0.9	0.7	0.9
Activities of households as employers undifferentiated goods & services	5.8	44.3	11.4
Activities of extraterritorial organizations & bodies	0.1	0.2	0.1
Not Stated	0.3	1.2	0.5

Source: Statistics Centre - Abu Dhabi

### 5.2.8. Estimated Employed Citizens (15 Years and Over) by Economic Activity and Gender, 2012

Economic Activity	Males	Females	Total
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, forestry & fishing	0.4	0.2	0.4
Mining and quarrying	7.9	5.4	7.2
Manufacturing	2.6	1.2	2.2
Electricity, gas, steam & air conditioning supply	1.1	1.9	1.3
Water supply; sewerage, waste management & remediation activities	0.2	0.2	0.2
Construction	1.4	0.4	1.1
Wholesale & retail trade repair of motor vehicles and motorcycles	1.0	0.3	0.8
Transportation & storage	2.0	3.1	2.3
Accommodation & food service activities	0.2	0.0	0.1
Information & communication	0.6	1.3	0.8
Financial & insurance activities	1.5	6.5	2.8
Real estate activities	0.5	0.1	0.4
Professional, scientific & technical activities	0.6	0.6	0.6
Administrative & support service activities	0.9	1.7	1.1
Public administration & defence; compulsory social security	73.2	44.5	65.5
Education	1.9	21.6	7.2
Human health & social work activities	1.9	6.1	3.0
Arts, entertainment & recreation	0.7	0.8	0.7
Other service activities	0.1	0.0	0.0
Activities of households as employers undifferentiated goods & services	0.6	1.7	0.9
Activities of extraterritorial organizations & bodies	0.0	0.2	0.1
Not Stated	0.9	2.3	1.3

Source: Statistics Centre - Abu Dhabi  
There are slight differences due to Weighting

### 5.2.9. Percentage Distribution of Estimated Employed Citizens (15 Years and Over) by Economic Activity and Gender, 2012

(%)

Economic Activity	Males	Females	Total
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, forestry & fishing	0.4	0.2	0.4
Mining and quarrying	7.9	5.4	7.2
Manufacturing	2.6	1.2	2.2
Electricity, gas, steam & air conditioning supply	1.1	1.9	1.3
Water supply; sewerage, waste management & remediation activities	0.2	0.2	0.2
Construction	1.4	0.4	1.1
Wholesale & retail trade repair of motor vehicles and motorcycles	1.0	0.3	0.8
Transportation & storage	2.0	3.1	2.3
Accommodation & food service activities	0.2	0.0	0.1
Information & communication	0.6	1.3	0.8
Financial & insurance activities	1.5	6.5	2.8
Real estate activities	0.5	0.1	0.4
Professional, scientific & technical activities	0.6	0.6	0.6
Administrative & support service activities	0.9	1.7	1.1
Public administration & defence; compulsory social security	73.2	44.5	65.5
Education	1.9	21.6	7.2
Human health & social work activities	1.9	6.1	3.0
Arts, entertainment & recreation	0.7	0.8	0.7
Other service activities	0.1	0.0	0.0
Activities of households as employers undifferentiated goods & services	0.6	1.7	0.9
Activities of extraterritorial organizations & bodies	0.0	0.2	0.1
Not Stated	0.9	2.3	1.3

Source: Statistics Centre - Abu Dhabi



### 5.2.10. Estimated Employed Non-Citizens (15 Years and Over) by Economic Activity and Gender, 2012

Economic Activity	Males	Females	Total
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, forestry & fishing	6.6	0.2	5.7
Mining and quarrying	3.4	1.1	3.1
Manufacturing	6.8	0.7	6.0
Electricity, gas, steam & air conditioning supply	2.0	0.1	1.7
Water supply; sewerage, waste management & remediation activities	1.9	0.1	1.7
Construction	37.4	2.0	32.5
Wholesale & retail trade repair of motor vehicles and motorcycles	9.4	3.2	8.5
Transportation & storage	4.5	0.8	4.0
Accommodation & food service activities	3.0	7.1	3.6
Information & communication	1.2	1.0	1.1
Financial & insurance activities	1.8	2.5	1.9
Real estate activities	1.0	0.1	0.9
Professional, scientific & technical activities	1.8	1.6	1.8
Administrative & support service activities	4.9	2.5	4.6
Public administration & defence; compulsory social security	2.4	0.8	2.2
Education	1.5	8.8	2.5
Human health & social work activities	2.1	10.4	3.2
Arts, entertainment & recreation	1.0	3.8	1.4
Other service activities	0.9	0.8	0.9
Activities of households as employers undifferentiated goods & services	6.1	51.3	12.3
Activities of extraterritorial organizations & bodies	0.1	0.2	0.1
Not Stated	0.3	1.0	0.4

Source: Statistics Centre - Abu Dhabi  
There are slight differences due to Weighting

### 5.2.11. Percentage Distribution of Estimated Employed Non-Citizens (15 Years and Over) by Economic Activity and Gender, 2012

(%)

Economic Activity	Males	Females	Total
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Agriculture, forestry & fishing	6.6	0.2	5.7
Mining and quarrying	3.4	1.1	3.1
Manufacturing	6.8	0.7	6.0
Electricity, gas, steam & air conditioning supply	2.0	0.1	1.7
Water supply; sewerage, waste management & remediation activities	1.9	0.1	1.7
Construction	37.4	2.0	32.5
Wholesale & retail trade repair of motor vehicles and motorcycles	9.4	3.2	8.5
Transportation & storage	4.5	0.8	4.0
Accommodation & food service activities	3.0	7.1	3.6
Information & communication	1.2	1.0	1.1
Financial & insurance activities	1.8	2.5	1.9
Real estate activities	1.0	0.1	0.9
Professional, scientific & technical activities	1.8	1.6	1.8
Administrative & support service activities	4.9	2.5	4.6
Public administration & defence; compulsory social security	2.4	0.8	2.2
Education	1.5	8.8	2.5
Human health & social work activities	2.1	10.4	3.2
Arts, entertainment & recreation	1.0	3.8	1.4
Other service activities	0.9	0.8	0.9
Activities of households as employers undifferentiated goods & services	6.1	51.3	12.3
Activities of extraterritorial organizations & bodies	0.1	0.2	0.1
Not Stated	0.3	1.0	0.4

Source: Statistics Centre - Abu Dhabi

**Figure 5.2.2. Percentage Distribution of Estimated Employed Population (15 Years and Over) by Economic Sector and Gender, 2012**



Source: Statistics Centre - Abu Dhabi

### 5.2.12. Percentage Distribution of Estimated Employed Population (15 Years and Over) by Economic Sector, Citizenship and Gender, 2012

(%)

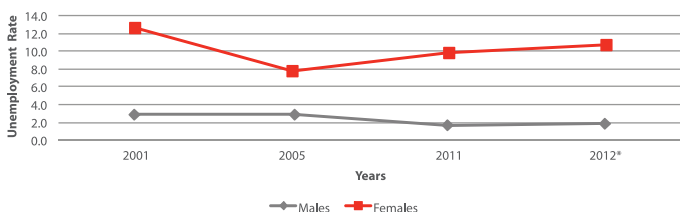
Economic Sector and Citizenship	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Government	14.6	18.8	15.2
Private	72.0	25.2	65.1
Joint (Gov. & Private)	3.1	8.7	3.9
Foreign	3.1	0.5	2.7
Diplomatic	0.1	0.1	0.1
Without Establishment	0.3	0.1	0.3
Private Households	6.2	45.3	12.0
Others	0.0	0.0	0.0
Not Stated	0.7	1.3	0.8
<b>Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Government	87.6	83.1	86.4
Private	5.4	6.6	5.7
Joint (Gov. & Private)	5.0	6.4	5.4
Foreign	0.1	0.0	0.1
Diplomatic	0.0	0.0	0.0
Without Establishment	0.1	0.0	0.1
Private Households	0.7	1.6	0.9
Others	0.0	0.0	0.0
Not Stated	1.0	2.4	1.4
<b>Non-Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Government	9.4	8.2	9.2
Private	76.7	28.2	70.1
Joint (Gov. & Private)	3.0	9.1	3.8
Foreign	3.3	0.6	2.9
Diplomatic	0.1	0.2	0.1
Without Establishment	0.3	0.1	0.3
Private Households	6.6	52.4	12.9
Others	0.0	0.0	0.0
Not Stated	0.7	1.1	0.7

Source: Statistics Centre - Abu Dhabi

## 5.3. Unemployment

Unemployment rate in 2012 was about 3.2% compared with 2.8% in 2011 estimates. The 20-24 age group accounted for the largest share of the unemployed persons by 27.5%. Data shows female unemployment rate in 2012 is higher than that for male and reached around 10.6%.

**Figure 5.3.1. Unemployment Rate by Gender, Census Years**



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

\* Estimated of Labour Force Survey, 2012

### 5.3.1 Unemployment Rate by Citizenship and Gender, Census Years

Citizenship and Gender	2001	2005	2011	2012*
<b>Grand Total</b>	<b>4.0</b>	<b>3.5</b>	<b>2.8</b>	<b>3.2</b>
Males	2.8	2.8	1.5	1.8
Females	12.5	7.6	9.8	10.6

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

\* Estimated of Labour Force Survey, 2012

### 5.3.2. Percentage Distribution of Estimated Unemployed Population (15- 64 Years) by Age Group and Gender, 2012 (%)

Age Group and Citizenship	Males	Females	Total
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
15 - 19	9.9	3.3	6.3
20 - 24	29.8	25.5	27.5
25 - 29	19.0	26.2	22.9
30 - 34	12.6	22.6	17.9
35 - 39	7.5	10.3	9.0
40 - 44	5.4	4.8	5.1
45 - 49	6.8	4.3	5.5
50 - 54	5.9	1.4	3.5
55 - 59	2.0	1.1	1.5
60 - 64	1.0	0.5	0.7

**Source:** Statistics Centre - Abu Dhabi

## 5.4. Inactive Population and Dependency Ratio

Labour Force estimation shows that economic dependency ratio in Abu Dhabi Emirate reached 49.0%, out of them 25.9% were males and 171.0% were females. The percentage of economically inactive population reached 17.6% for Year 2012, most of them are students, Household duties.

### 5.4.1. Economic Dependency Ratio by Citizenship, Gender and Region, 2012 (%)

Citizenship and Region	Males	Females	Total
<b>Grand Total</b>	<b>25.9</b>	<b>171.0</b>	<b>49.0</b>
Abu Dhabi Region	27.1	176.3	52.5
Al Ain Region	33.2	174.1	59.4
Al Gharbia	10.2	113.8	18.0
<b>Citizens</b>	<b>155.8</b>	<b>422.8</b>	<b>240.3</b>
Abu Dhabi Region	153.8	436.4	241.3
Al Ain Region	160.1	413.0	243.1
Al Gharbia	144.8	368.4	212.3
<b>Non- Citizens</b>	<b>15.9</b>	<b>118.3</b>	<b>30.7</b>
Abu Dhabi Region	17.9	130.7	35.6
Al Ain Region	18.1	103.7	32.2
Al Gharbia	6.8	75.3	11.4

Source: Statistics Centre - Abu Dhabi

Excludes people whose age is unknown

### 5.4.2. Estimated Inactive Population (15 Years and Over) by Economic Status and Gender, 2012

Economic Status	Males	Females	Total
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Household duties	2.0	57.7	40.1
Student	54.6	24.6	34.0
Unwilling to work	3.3	5.0	4.4
Unable to work	3.5	1.1	1.8
Retired	11.6	0.7	4.1
Over 65 of Age and Doesn't Work	5.6	2.3	3.3
Other	1.2	0.5	0.7
Not Stated	18.5	8.0	11.3

Source: Statistics Centre - Abu Dhabi

There are slight differences due to Weighting

### 5.4.3. Estimated Inactive Population (15 Years and Over) by Age Group, Citizenship and Gender, 2012

Age Group and Citizenship	Males	Females	Total
<b>Grand Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
19-15	44.2	19.3	27.1
24-20	17.1	13.6	14.7
29-25	6.2	12.6	10.6
39-30	6.2	22.7	17.5
49-40	5.2	15.3	12.1
59-50	6.1	10.8	9.3
64-60	4.7	2.4	3.1
65+	10.2	3.3	5.5
Not Stated	0.2	0.1	0.1
<b>Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
19-15	43.5	23.5	30.1
24-20	15.8	15.8	15.8
29-25	1.8	11.0	8.0
39-30	4.9	18.6	14.1
49-40	5.0	12.5	10.0
59-50	7.3	10.7	9.6
64-60	6.3	3.1	4.2
65+	15.1	4.6	8.1
Not Stated	0.2	0.2	0.2
<b>Non- Citizens</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
19-15	44.6	16.5	25.0
24-20	18.1	12.1	13.9
29-25	9.5	13.6	12.4
39-30	7.2	25.4	19.9
49-40	5.3	17.2	13.6
59-50	5.2	10.9	9.1
64-60	3.5	2.0	2.4
65+	6.4	2.4	3.6
Not Stated	0.2	0.0	0.1

Source: Statistics Centre - Abu Dhabi





## **6. Agriculture and Environment**

- Agriculture
- Environment

## 6. Agriculture and Environment

Agriculture and landscapes are of great importance in preserving and protecting the environment, where they play an important role absorbing carbon oxides which pollute the environment, benefiting from watersheds, and preserving biodiversity, in addition to its essential role in meeting the growing demand for food and agricultural products.

Degradation of natural resources leads to the loss of resources necessary for agricultural production, increasing exposure to risks and significant economic losses. However, to mitigate the risks, reform measurements must be taken in terms of policies and benefiting from the institutional and technological innovations that will reduce the environmental impact of agricultural activities.

Environment in the Emirate of Abu Dhabi enjoys a special interest that stems from the keenness of the wise government to develop the community, preserve its health and safety in recognition of both human and economic capital. As a result, there is an increasing interest to provide environmental statistics covering various areas such as climate, air quality, pollutant emissions, water statistics, health and occupational safety and waste statistics. These statistics provide support to policy and decision makers to achieve a sustainable environment in the Emirate of Abu Dhabi.

The Statistical Yearbook is a reference for all statistical indicators, which helps researchers, policy and decision makers, NGOs and all who are interested in statistical information, by focusing the search to a specific topic and then covering more issues in more depth.

Statistics Centre - Abu Dhabi is keen to provide agricultural and environmental statistics that monitor the real status and cover all its aspects as well as monitor the development taking place in both areas, agriculture and environment, to achieve sustainable development.

### Agriculture

2012

Total number of holdings (plant holdings)	24,394
Total agriculture area (donums)	752,839
Area cultivated with field crops	17,960
Area cultivated with of vegetables	16,522
Area cultivated with fruit trees	303,084
Number of sheep and goats	2,551,432
Number of cattle in traditional holdings	21,139
Number of cattle in commercial farms	18,907
Number of camels	330,220
Number of commercial farms	26
Broiler - chicken meat production (tons)	17,100
Egg production (thousand eggs)	203,058
Milk production of commercial farms (tons)	80,540
Quantity of fish caught (tons)	4,399
Value of fish caught (million AED)	81
Exported agricultural goods (thousand AED)	617,930
Re - exported agricultural goods (thousand AED)	84,967

**Environment**

Average minimum temperature ( °C)	22.4
Average minimum relative humidity (%)	29.0
Average rainfall in millimeters	12.6
Average maximum temperature( °C)	34.3
Average maximum relative humidity (%)	77.5
Average atmospheric pressure (hPA)	1008.4
% of change in CO <sub>2</sub> emissions - oil and gas sector	-5.4
% of change in CO <sub>2</sub> emissions - water and electricity production sector	7.5
Total non-conventional water resources (MCM)	1,198.1
Quantity of treated wastewater (MCM)	265.4
Total amount of waste generated (tons)	12,765,163
Daily average of waste generated (tons)	34,973

## 6.1. Agriculture

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.

From this point of view, there must be a comprehensive agricultural database relying on accurate numbers and statistics. Attaining advanced degrees of growth can't be achieved without development plans and programs that contain specific goals and strategies; any given country cannot take the initiative to implement its different plans without accurate and reliable statistical data.

The Statistical Yearbook includes quantitative and qualitative statistics, allowing researchers to benefit from them while planning to create future goals and strategies by using the past as a base for development. The book includes data on the numbers of farms, size of agricultural area, indicators of crop area and agricultural production quantities and values. The number of agricultural holdings in the Emirate of Abu Dhabi totaled 24,394 holdings, with a total area of 752,839 donums.

The total number of sheep and goats in the Emirate of Abu Dhabi totaled 2.9 million heads, with the majority of them (62%) in Al Ain area. Meanwhile, the total number of camels equaled 330,220 heads, mostly in Al Ain area (56%).

### ***Plant production***

Plant production statistics provide data on the changes taking place in this activity, which vary from one season to another. The area cultivated with fruits in 2012 forms 48% of the total arable area, followed by the area cultivated with field crops at 27%, and finally the area cultivated with vegetable crops at 3% of the total arable area. Plant production statistics give an insight into the present levels of surplus or shortage, thereby enabling the formulation of policies on foreign trade in agriculture products to plan export and import quantities and develop plans in a way that would reduce shortage or surplus in field crops.

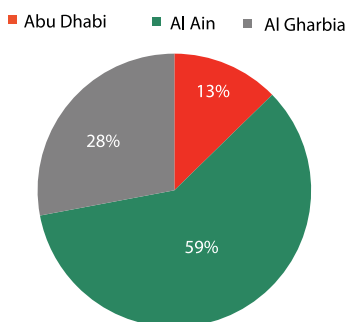
### 6.1.1. Number and Area of Plant Holdings by Region

(Donums)

Region	2005	2010	2011	2012
<b>Total</b>				
Number	23,704	24,290	24,394	24,394
Area	739,686	747,679	752,839	752,839
<b>Abu Dhabi</b>				
Number	4,793	3,837	3,837	3,837
Area	111,452	95,483	95,483	95,483
<b>Al Ain</b>				
Number	11,529	11,894	11,985	11,985
Area	438,820	441,637	446,898	446,898
<b>Al Gharbia</b>				
Number	7,382	8,559	8,572	8,572
Area	189,414	210,559	210,458	210,458

Source: Abu Dhabi Food Control Authority

Figure 6.1.1. Percentage Distribution of Plant Holdings Area by Region, 2012



Source: Statistics Centre - Abu Dhabi

### 6.1.2. Number of Farms by Area Category and Region, 2012

Area category	Total	Abu Dhabi	Al Ain	Al Gharbia
<b>Total</b>	<b>24,394</b>	<b>3,837</b>	<b>11,985</b>	<b>8,572</b>
Less than 20 Donum	3,738	722	537	2,479
20-29 Donum	6,413	2,941	1,130	2,342
30 - 39 Donum	10,898	87	9,612	1,199
40 - 49 Donum	2,757	55	231	2,471
50 -59 Donum	163	13	120	30
More than 60 Donum	425	19	355	51

**Source:** Abu Dhabi Food Control Authority

### 6.1.3. Area of Farms by Area Category and Region, 2012

(Donums)

Area category	Total	Abu Dhabi	Al Ain	Al Gharbia
<b>Total</b>	<b>752,839</b>	<b>95,483</b>	<b>446,898</b>	<b>210,458</b>
Less than 20 Donum	42,176	9,721	8,109	24,346
20-29 Donum	155,347	76,544	27,525	51,278
30 - 39 Donum	356,985	2,931	323,088	30,966
40 - 49 Donum	110,068	2,308	9,870	97,890
50 -59 Donum	8,740	699	6,365	1,676
More than 60 Donum	79,523	3,280	71,941	4,302

**Source:** Abu Dhabi Food Control Authority

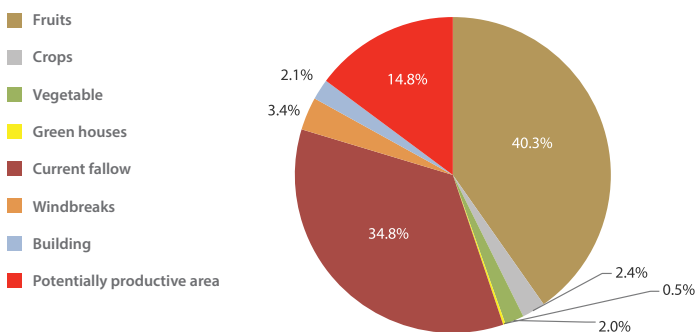
#### 6.1.4. Area of Plant Holdings by Land Use and Region, 2012

(Donums)

Item	Total	Abu Dhabi	Al Ain	Al Gharbia
<b>Total area of holdings</b>	<b>752,839</b>	<b>95,483</b>	<b>446,898</b>	<b>210,458</b>
Fruits	303,084	26,210	194,465	82,409
Crops	17,960	2,500	14,900	560
Vegetable	14,766	5,227	4,501	5,038
Green houses	1,756	135	827	794
Current fallow	262,189	33,003	154,659	74,527
Windbreaks	25,460	6,260	8,340	10,860
Building	15,980	4,207	7,207	4,566
Potentially productive area	111,644	17,941	61,999	31,704

Source: Abu Dhabi Food Control Authority

**Figure 6.1.2. Percentage Distribution of Plant Holdings Area by Land Use, 2012**



Source: Statistics Centre - Abu Dhabi

### 6.1.5. Area Cultivated with Field Crops by Region

(Donums)

Region	2005	2010	2011	2012
<b>Total</b>	<b>200,541</b>	<b>231,919</b>	<b>179,513</b>	<b>17,960</b>
Abu Dhabi	27,310	33,708	29,684	2,500
Al Ain	118,682	134,734	120,757	14,900
Al Gharbia	54,549	63,477	29,072	560

**Source:** Abu Dhabi Food Control Authority

### 6.1.6. Quantity of Production of Field Crops by Region

(Tons)

Region	2005	2010	2011	2012
<b>Total</b>	<b>1,329,889</b>	<b>1,041,325</b>	<b>1,503,841</b>	<b>32,850</b>
Abu Dhabi	210,578	153,663	220,486	3,120
Al Ain	758,609	667,801	965,049	29,145
Al Gharbia	360,702	219,861	318,306	585

**Source:** Abu Dhabi Food Control Authority

### 6.1.7. Value of Field Crops by Region

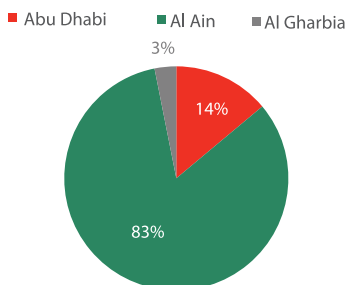
(Thousand AED)

Region	2005	2010	2011	2012
<b>Total</b>	<b>2,123,580</b>	<b>1,699,723</b>	<b>2,183,570</b>	<b>59,005</b>
Abu Dhabi	338,036	250,819	324,340	8,536
Al Ain	1,204,466	1,090,031	1,414,382	48,869
Al Gharbia	581,078	358,873	444,848	1,600

**Source:** Abu Dhabi Food Control Authority



**Figure 6.1.3. Percentage Distribution of Area Cultivated with Field Crops by Region, 2011**



**Source:** Statistics Centre - Abu Dhabi

#### 6.1.8. Quantity of Production, Cultivated area and Average Yield of Vegetables by Type, 2012

Type	"Production (Tons)	Cultivated area (Donums)	Average yield (Tons/Domum)
Total	58,862.8	16,523	
Tomato	11,321.1	2,172	5.2
Pepper	1,111.4	222	5.0
Cucumber	11,293.6	1,189	9.5
Marrow	1,630.7	652	2.5
Watermelon	10,896.5	2,205	4.9
Sweet Melon	68.2	11	6.3
Onion	4,388.1	4,638	0.9
Eggplant	1,274.0	501	2.5
Cauliflower	316.9	158	2.0
B. Bean	25.2	11	2.2
Cabbage	8,402.8	1,899	4.4
J.Mallow	12.6	2	6.3
Beets	34.3	26	1.3
Corn	3,412.8	803	4.3
Turnip	20.2	20	1.0
Carrot	8.9	9	1.0
Beans	609.1	609	1.0
Coriander	36.9	15	2.5
Persley	61.3	25	2.5
Potato	3,709.6	1,237	3.0
Lettuce	173.8	69	2.5
Spinach	4.8	2	2.5
Other vegetables	49.9	47	1.1

**Source:** Abu Dhabi Food Control Authority

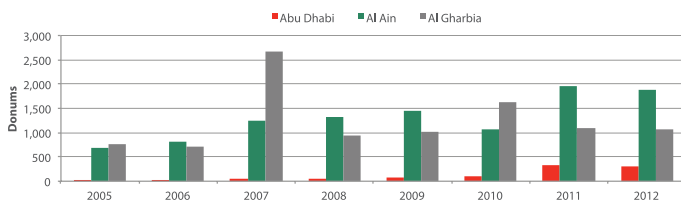
### 6.1.9. Number and Area of Greenhouses by Region

(Donums)

Region	2005	2010	2011	2012
<b>Total</b>				
Number	4,514	8,363	10,003	10,114
Area	1,473	2,825	3,375	3,277
<b>Abu Dhabi</b>				
Number	54	243	720	963
Area	22	113	325	312
<b>Al Ain</b>				
Number	2,141	3,268	5,832	5,825
Area	693	1,080	1,954	1,887
<b>Al Gharbia</b>				
Number	2,319	4,852	3,451	3,326
Area	758	1,632	1,096	1,078

Source: Abu Dhabi Food Control Authority

Figure 6.1.4. Area of Greenhouses by Region



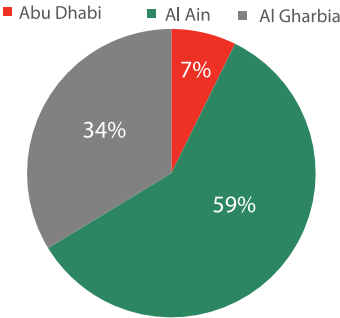
Source: Abu Dhabi Food Control Authority

**6.1.10. Number of Productive Greenhouses by Region**

Region	2010	2011	2012
<b>Total</b>	<b>4,864</b>	<b>5,633</b>	<b>8,808</b>
Abu Dhabi	160	347	731
Al Ain	1,699	2,122	4,979
Al Gharbia	3,005	3,164	3,098

**Source:** Abu Dhabi Food Control Authority

**Figure 6.1.5. Percentage distribution of the number of productive greenhouse by region, 2012**



**Source:** Abu Dhabi Food Control Authority

### 6.1.11. Number and Area of Fruit Trees by Type

(Donums)

Fruit trees*	2011		2012	
	Number	Area	Number	Area
<b>Total</b>	<b>181,642</b>	<b>5,524</b>	<b>181,674</b>	<b>5,578</b>
Lemon	33,649	982	33,648	984
Orange	9,240	273	9,243	273
Mango	11,908	384	11,910	386
Pomegranate	5,127	152	5,127	152
Figs	14,627	354	14,627	357
Guavas	5,721	158	5,720	160
Grapes	5,341	183	5,369	182
Mulberry	1,972	68	1,971	69
Almonds	1,116	103	1,114	144
Banana	1,540	47	1,540	47
Cider	91,249	2,815	91,251	2,817
Others	152	5	152	5

Source: Abu Dhabi Food Control Authority

\* Except for date palm

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

(Donums)

Fruit trees*	2011		2012	
	Number	Area	Number	Area
<b>Total</b>	<b>54,875</b>	<b>1,344</b>	<b>54,876</b>	<b>1,344</b>
Lemon	3,000	75	3,001	75
Orange	250	6	250	6
Mango	500	12	500	12
Pomegranate	300	8	300	8
Figs	300	2	300	2
Guavas	400	1	400	1
Grapes	0	0	0	0
Mulberry	0	0	0	0
Almonds	0	0	0	0
Banana	0	0	0	0
Cider	50,125	1,240	50,125	1,240
Others	0	0	0	0

Source: Abu Dhabi Food Control Authority

\* Except for date palm

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

(Donums)

Fruit trees*	2011		2012	
	Number	Area	Number	Area
<b>Total</b>	<b>69,666</b>	<b>2,386</b>	<b>69,694</b>	<b>2,431</b>
Lemon	19,259	643	19,259	643
Orange	7,200	237	7,203	237
Mango	10,446	348	10,447	350
Pomegranate	2,613	87	2,613	87
Figs	3,958	131	3,958	132
Guavas	3,072	103	3,071	103
Grapes	5,341	183	5,369	182
Mulberry	1,972	68	1,971	69
Almonds	1,116	103	1,114	144
Banana	1,540	47	1,540	47
Cider	12,997	431	12,997	431
Others	152	5	152	5

Source: Abu Dhabi Food Control Authority

\* Except for date palm

6.1.14. Number and Area of Fruit trees by type - Al Gharbia

(Donums)

Fruit trees*	2011		2012	
	Number	Area	Number	Area
<b>Total</b>	<b>57,101</b>	<b>1,794</b>	<b>57,104</b>	<b>1,803</b>
Lemon	11,390	264	11,389	266
Orange	1,790	30	1,790	30
Mango	962	24	963	24
Pomegranate	2,214	57	2,214	57
Figs	10,369	221	10,369	223
Guavas	2,249	54	2,249	56
Grapes	0	0	0	0
Mulberry	0	0	0	0
Almonds	0	0	0	0
Banana	0	0	0	0
Cider	28,127	1,144	28,129	1,146
Others	0	0	0	0

Source: Abu Dhabi Food Control Authority

\* Except for date palm

### 6.1.15. Quantity of Dates Produced by Region

(Tons)

Region	2009	2010	2011	2012
<b>Total</b>	<b>62,594</b>	<b>72,900</b>	<b>76,980</b>	<b>80,461</b>
Abu Dhabi	2,632	5,175	5,705	2,476
Al Ain	35,329	45,660	46,955	51,465
Al Gharbia	24,633	22,065	24,320	26,520

**Source:** Al Foah Company

### 6.1.16. Value of Dates Produced by Region

(Thousand AED)

Region	2009	2010	2011	2012
<b>Total</b>	<b>428,532</b>	<b>439,873</b>	<b>516,369</b>	<b>548,394</b>
Abu Dhabi	13,724	33,109	41,319	12,019
Al Ain	233,507	265,596	298,908	318,182
Al Gharbia	181,301	141,168	176,142	218,193

**Source:** Al Foah Company

### 6.1.17. Number and Area of Windbreak Trees by Region, 2012

(Donums)

Region	Number	Area
<b>Total</b>	<b>1,020,190</b>	<b>25,460</b>
Abu Dhabi	252,500	6,260
Al Ain	328,637	8,340
Al Gharbia	439,053	10,860

**Source:** Abu Dhabi Food Control Authority

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

(Quantity in tons, value in thousand AED)

Product	2011		2012	
	Quantity	Value	Quantity	Value
<b>Total</b>	<b>36,029.7</b>	<b>58,925.4</b>	<b>58,872.6</b>	<b>128,787.4</b>
Tomato	30,511.0	46,289.6	11,321.1	19,205.1
Pepper	127.5	221.6	1,111.4	2,334.8
Cucumber	52.2	111.3	11,293.6	32,412.8
Marrow	118.6	221.5	1,630.7	3,506.0
Watermelon	22.5	29.6	10,896.5	15,691.6
Sweet melon	8.8	14.0	68.2	139.8
Onion	2,451.3	7,404.4	4,388.1	13,771.6
Cowpeas	0.0	0.0	0.0	0.0
S. Cucumber	0.0	0.0	4.4	18.5
Beans	360.1	1,795.9	609.1	2,960.0
Peas	1.7	9.1	0.0	0.0
Eggplant	391.5	381.9	1,274.0	2,013.0
G Rocket	0.0	0.0	0.0	0.0
Cauliflower	92.3	129.1	316.9	434.2
B. Bean	4.7	26.8	25.2	144.7
Cabbage	1,599.1	1,597.6	8,402.8	8,738.9
Lettuce	0.0	0.0	173.8	383.3
Spinach	0.0	0.0	4.8	4.9
J. Mallow	18.2	22.8	12.6	20.0
Coriander	2.5	2.3	36.9	37.6
Beets	33.9	32.2	34.3	34.7
Parsley	24.2	35.5	61.3	95.6
Potato	1.0	4.2	3,709.6	15,765.8
Corn	163.6	545.7	3,412.8	10,921.1
Turnip	2.1	2.4	20.2	23.4
Carrot	42.9	47.9	8.9	9.4
Other	0.0	0.0	55.3	120.6

**Source:** Abu Dhabi Food Control Authority

### 6.1.19. Agriculture Producers Price Indices

(2010 = 100)

Crop	2011	2012
<b>All Products</b>	<b>100.1</b>	<b>103.9</b>
Tomato	101.1	109.3
Pepper	101.2	110.2
Cucumber	151.7	155.5
Marrow	101.5	116.8
Watermelon	108.7	119.0
Sweet melon	148.8	160.6
Onion	111.6	116.0
Beans	101.6	99.0
Peas	110.6	114.1
Eggplant	168.7	177.7
Cauliflower	101.3	99.2
B. Bean	110.1	111.0
Cabbage	101.3	105.5
Lettuce	101.8	105.3
J. Mallow	86.2	109.1
Coriander	87.1	96.5
Beets	104.0	110.5
Parsley	119.5	127.1
Potato	129.4	130.9
Corn	93.4	89.6
Turnip	96.5	98.0
Carrot	80.5	76.5
Rocket	107.4	107.9

**Source:** Statistics Centre - Abu Dhabi



### 6.1.20. Quantity of Pesticides Used by Type and Region, 2012

(Quantity in tons, value in thousand AED)

Item	Abu Dhabi	Al Ain	Al Gharbia	Total
<b>Perfektion</b>				
Liter	0	0	20,426	20,426
Kilogram	0	0	0	0
<b>Bitam</b>				
Liter	2,893	9,340	9,957	22,190
Kilogram	90	2,350	0	2,440
<b>Magister</b>				
Liter	250	1,000	750	2,000
Kilogram	0	0	0	0
<b>Bico 1</b>				
Number	0	0	600	600
Kilogram	0	0	0	0
<b>Copro -D-Sect</b>				
Liter	0	0	0	0
Kilogram	0	0	600	600
<b>Envedor</b>				
Liter	48	1,510	424	1,982
Kilogram	0	0	0	0
<b>M.Sulpher</b>				
Liter	0	0	0	0
Kilogram	0	0	60	60
<b>Vertemic</b>				
Liter	0	0	223	223
Kilogram	0	0	0	0

Source: Abu Dhabi Food Control Authority

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

(Thousand AED)

Region	2005	2010	2011	2012
<b>Total*</b>	<b>46,509.0</b>	<b>26,718.8</b>	<b>18,487.9</b>	<b>36,878.5</b>
Abu Dhabi and Al Gharbia	5,688.7	4,966.9	51.8	24,988.4
Al Ain	40,820.3	21,751.9	18,436.1	11,890.1

Source: Abu Dhabi Food Control Authority

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

# Livestock and fisheries

Livestock is deemed to be a key activity to economic development in the Emirate of Abu Dhabi; hence it is 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.

Percentage of sheep and goats in the Emirate of Abu Dhabi represented around 88% of the total number of livestock, followed by camels at 11% and cows at 1% in traditional holdings. Coastlines are considered a significant source to meet the population's need of fish, which is the basic food for inhabitants of coastal areas. Fisheries are one of the important renewable economic resources and essential source of national income.

## 6.1.22. Number of livestock by Type

Type	2005	2010	2011	2012
Total	2,068,597	2,340,505	2,380,417	2,902,791
Sheep and goats	1,761,713	2,041,902	2,080,623	2,551,432
Cattle*	20,619	23,218	22,217	21,139
Camels	286,265	275,385	277,577	330,220

Source: Abu Dhabi Food Control Authority

\*The number does not include cattle in commercial farms

## 6.1.23. Number of Livestock by Type - Abu Dhabi

Type	2005	2010	2011	2012
Total	306,141	387,379	429,110	593,634
Sheep and goats	253,145	340,699	379,883	525,720
Cattle*	5,125	3,764	3,948	4,457
Camels	47,871	42,916	45,279	63,457

Source: Abu Dhabi Food Control Authority

\*The number does not include cattle in commercial farms

#### 6.1.24. Number of Livestock by Type - Al Ain

Type	2005	2010	2011	2012
<b>Total</b>	<b>1,419,316</b>	<b>1,500,097</b>	<b>1,490,148</b>	<b>1,778,543</b>
Sheep and goats	1,255,408	1,316,938	1,308,974	1,577,767
Cattle*	5,789	18,351	17,165	15,534
Camels	158,119	164,808	164,009	185,242

**Source:** Abu Dhabi Food Control Authority

\* The number does not include cattle in commercial farms

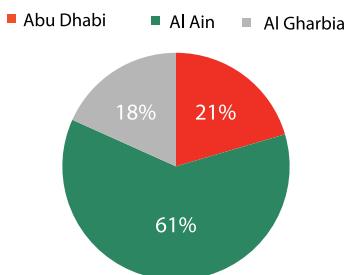
#### 6.1.25. Number of Livestock by Type - Al Gharbia

Type	2005	2010	2011	2012
<b>Total</b>	<b>343,140</b>	<b>453,029</b>	<b>461,159</b>	<b>530,614</b>
Sheep and goats	253,160	384,265	391,766	447,945
Cattle*	9,705	1,103	1,104	1,148
Camels	80,275	67,661	68,289	81,521

**Source:** Abu Dhabi Food Control Authority

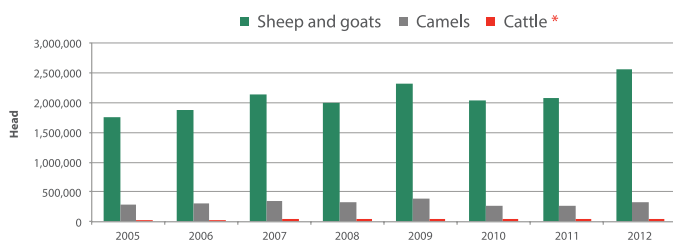
\* The number does not include cattle in commercial farms

**Figure 6.1.6. Percentage Distribution of Number of Livestock by Region, 2012**



**Source:** Statistics Centre - Abu Dhabi

**Figure 6.1.7. Number of Livestock by Type**



**Source:** Abu Dhabi Food Control Authority

\* The number does not include cattle in commercial farms

#### 6.1.26. Number of Livestock holding by Region

(Thousand AED)

Region	2010	2011	2012
<b>Total</b>	<b>17,963</b>	<b>19,030</b>	<b>23,475</b>
Abu Dhabi	3,659	3,971	5,186
Al Ain	10,692	11,381	13,855
Al Gharbia	3,612	3,678	4,434

**Source:** Abu Dhabi Food Control Authority

#### 6.1.27. Number of Slaughtered Animals by Type

Type	2009	2010	2011	2012
<b>Total</b>	<b>788,976</b>	<b>706,266</b>	<b>716,982</b>	<b>770,944</b>
Sheep and goats	763,809	671,783	679,128	730,851
Cattle	9,175	13,942	13,788	14,317
Camels	15,992	20,541	24,066	25,776

**Source:** Department of Municipal Affairs

#### 6.1.28. Quantity of Meat Produced From Slaughter by Type

(Tons)

Type	2009	2010	2011	2012
<b>Total</b>	<b>12,440</b>	<b>14,669</b>	<b>12,982</b>	<b>15,549</b>
Sheep and goats	7,866	9,937	6,879	8,423
Cattle	1,376	2,465	2,853	3,180
Camels	3,198	2,267	3,250	3,946

**Source:** Department of Municipal Affairs

### 6.1.29. Value of Meat Produced From Slaughter by Type

(Thousand AED)

Type	2009	2010	2011	2012
<b>Total</b>	<b>511,580</b>	<b>473,000</b>	<b>609,758</b>	<b>804,969</b>
Sheep and goats	335,092	331,000	396,828	495,753
Cattle	35,776	74,000	49,346	120,573
Camels	140,712	68,000	163,585	188,643

**Source:** Department of Municipal Affairs

### 6.1.30. Number of Commercial Farms by Type of Farm

Type	2009	2010	2011	2012
<b>Total</b>	<b>25</b>	<b>25</b>	<b>26</b>	<b>26</b>
Broiler farms	7	8	8	7
Layer farms	3	4	4	5
Parent stock Farms	0	0	1	1
Cattle farms	15	13	13	13

**Source:** Abu Dhabi Food Control Authority

### 6.1.31. Quantity of Production in Commercial Farms by Type

Type	2009	2010	2011	2012
Chicken meat (Tons)	13,228	15,225	17,350	17,101
Table eggs (1000 Egg)	155,648	127,013	150,541	203,058
Cattle milk (Tons)	75,807	66,086	70,975	80,540

**Source:** Abu Dhabi Food Control Authority

### 6.1.32. Quantity and Value of Annual Catch by Major Fish Families

(Quantity in tons, value in million AED)

Fish Families	2011		2012	
	Quantity	Value	Quantity	Value
<b>Total</b>	<b>3,922</b>	<b>69.5</b>	<b>4,399</b>	<b>80.8</b>
Carangidae	557	8.1	982	9.5
Haemulidae	379	2.6	298	2.5
Lethrinidae	839	12.8	734	11.5
Lutjanidae	36	0.2	45	0.4
Portunidae	85	1.6	112	1.5
Scombridae	780	13.1	1,150	27.0
Serranidae	825	26.4	789	25.4
Sparidae	80	0.8	73	0.8
Others	341	3.9	216	2.2

**Source:** Environment Agency - Abu Dhabi

### 6.1.33. Quantity of Fish Catch by Month

(Tons)

Month	2009	2010	2011	2012
<b>Total</b>	<b>5,979</b>	<b>6,556</b>	<b>3,922</b>	<b>4,399</b>
Jan	681	1,387	380	495
Feb	543	691	408	515
Mar	524	471	302	437
Apr	444	604	436	354
May	532	514	380	299
Jun	395	251	303	329
Jul	196	212	238	194
Aug	250	173	128	130
Sep	194	199	175	207
Oct	431	418	298	257
Nov	540	759	395	532
Dec	1,249	876	481	652

**Source:** Environment Agency - Abu Dhabi

#### 6.1.34. Number of Animals Treated at Veterinary Clinics by Region

Region	2009	2010	2011	2012
<b>Total</b>	<b>2,714,613</b>	<b>1,127,777</b>	<b>1,133,637</b>	<b>1,094,820</b>
Abu Dhabi and Al Gharbia	1,132,559	530,499	453,172	523,463
Al Ain	1,582,054	597,278	680,465	571,357

**Source:** Abu Dhabi Food Control Authority

#### 6.1.35. Number of Cases Vaccinated by Type of Animal and Region, 2012

Type of Animal	Grand Total	Abu Dhabi	Al Ain	Al Gharbia
<b>Total</b>	<b>3,267,375</b>	<b>715,452</b>	<b>1,876,427</b>	<b>675,496</b>
Sheep	1,848,951	406,207	1,048,038	394,706
Goats	1,404,160	307,026	816,841	280,293
Cattle	14,264	2,219	11,548	497

**Source:** Abu Dhabi Food Control Authority

#### 6.1.36. Number of Incidence of Poultry Diseases by Region

Region	2005	2010	2011	2012
<b>Total</b>	<b>201,992</b>	<b>124,613</b>	<b>98,817</b>	<b>68,577</b>
Abu Dhabi and Al Gharbia	175,365	74,017	54,341	47,100
Al Ain	26,627	50,596	44,476	21,477

**Source:** Abu Dhabi Food Control Authority

# Agricultural Goods Trade

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

## 6.1.37. Value of Imports of Agricultural Goods and Food

(Thousand AED)

Item	2005	2010	2011	2012
<b>Total</b>	<b>3,317,479</b>	<b>6,705,979</b>	<b>8,275,498</b>	<b>8,424,456</b>
Live animals and their products	980,136	1,891,753	2,186,142	2,381,700
Vegetable products	1,257,529	2,816,473	3,635,564	3,390,702
Animals or vegetable fats, oils and waxes	182,638	328,253	509,402	474,722
Foodstuffs, beverages, spirits and tobacco	812,332	1,581,916	1,859,382	2,077,841
Fertilizers	61,320	52,728	55,944	74,647
Pesticides and rodents, fungi, weeds	23,524	34,857	29,064	24,844

Source: Statistics Centre - Abu Dhabi

## 6.1.38. Value of Exports of Agricultural Goods and Food

(Thousand AED)

Item	2005	2010	2011	2012
<b>Total</b>	<b>293,298</b>	<b>561,997</b>	<b>584,835</b>	<b>617,930</b>
Live animals and their products	48,647	112,270	94,626	98,306
Vegetable products	34,120	60,009	64,565	77,712
Animals or vegetable fats, oils and waxes	125,751	154,475	175,404	168,714
Foodstuffs, beverages, spirits and tobacco	47,761	181,108	188,735	195,163
Fertilizers	37,020	53,929	61,426	75,709
Pesticides and rodents, fungi, weeds	0	205	81	2,325

Source: Statistics Centre - Abu Dhabi



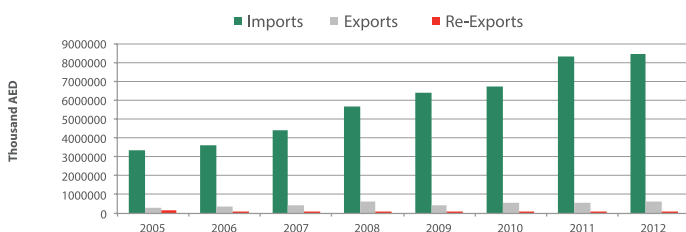
### 6.1.39. Value of Re-Exports of Agricultural Goods and Food

(Thousand AED)

Item	2005	2010	2011	2012
<b>Total</b>	<b>163,206</b>	<b>115,902</b>	<b>116,382</b>	<b>84,967</b>
Live animals and their products	37,679	20,673	24,552	22,304
Vegetable products	45,012	64,978	59,342	37,055
Animals or vegetable fats, oils and waxes	27,766	1,106	1,581	938
Foodstuffs, beverages, spirits and tobacco	50,855	28,416	29,383	24,048
Fertilizers	682	630	1,334	207
Pesticides and rodents, fungi, weeds	1,213	98	190	415

Source: Statistics Centre - Abu Dhabi

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



Source: Statistics Centre - Abu Dhabi

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

(Quantity in tons, value in thousand AED)

Description	2005	2010	2011	2012
<b>Imports</b>				
Quantity	85,897	24,707	24,472	27,329
Value	61,320	52,728	55,944	74,647
<b>Exports</b>				
Quantity	18,805	18,935	18,692	19,866
Value	37,020	53,929	61,425	75,709
<b>Re-Exports</b>				
Quantity	310	300	403	207
Value	682	630	1,334	207

Source: Statistics Centre - Abu Dhabi

## 6.2. Environment

The Emirate of Abu Dhabi is concerned about achieving notable developments in the fields of environmental protection and conservation of natural resources. Environmental statistics provide information and statistics about the impact of development and change in key environmental elements, such as climate, air, water and waste management.

In 2012, the average minimum temperature of the Abu Dhabi Emirate was 22.4 °C while the average maximum temperature was 34.3 °C. Average annual rainfall decreased from 21.5 mm in 2011 to 12.6 mm in 2012. Average minimum relative humidity was 29% while average maximum relative humidity was 77.5%. Average atmospheric pressure was 1,008.4 hPa and the maximum daily solar radiation exceeded 8,500 Watt /m<sup>2</sup>/h during the summer months.

Regarding air quality, the concentrations of air pollutants in 2012 were within their permissible limits. Annual average concentration of particulate matter, with a diameter of 10 micron or less, ranged between 156 and 175 mcg/m<sup>3</sup> in the urban areas of the Emirate.

The quantity of treated wastewater in 2012 reached 265.4 MCM where Abu Dhabi region's accounted for about 74% of the quantity of treated wastewater, and Al Gharbia's share did not exceed 4% of the total.

In 2011, there were 71 cases of fatal occupational incidents and 12 fatal occupational road incidents in the Emirate of Abu Dhabi. There were 1,356 cases of foodborne illnesses and food poisoning caused by consuming foods or drinks contaminated with bacteria and viruses.

Regarding waste statistics, the Emirate of Abu Dhabi generated more than 34 thousand tons of waste per day in 2012, which is up to approximately 12.8 million tons annually. Construction and demolition waste constituted the highest percentage with 75% of the total amount of waste generated in the Emirate.

## Location and area

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

The topography of the Emirate is dominated by low-lying sandy terrain dotted with sand dunes exceeding 300 metres in height in some areas southwards. The eastern part of the Emirate borders the western fringes of Al-Hajar Mountains. Hafeet Mountain, Abu Dhabi's highest elevation, rising about 1,300 metres, is located south of Al Ain city.

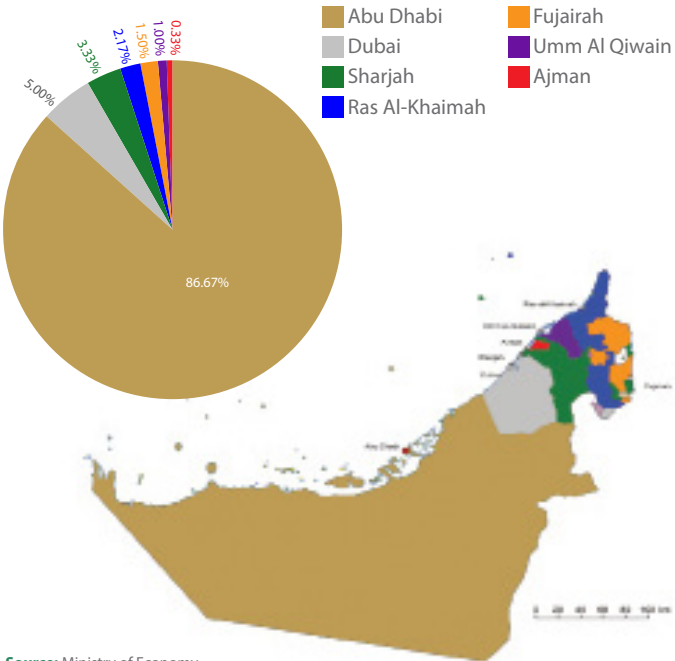
### 6.2.1 Area of the United Arab Emirates \*

Emirate	Sq. mile	Sq. kilometre	%
<b>Total</b>	<b>30,000.14</b>	<b>77,700</b>	<b>100</b>
Abu Dhabi	26,000.12	67,340	86.67
Dubai	1,500.01	3,885	5.00
Sharjah	1,000.00	2,590	3.33
Ras Al-Khaimah	650.20	1,684	2.17
Fujairah	449.81	1,165	1.50
Umm Al Qiwain	300.00	777	1.00
Ajman	100.00	259	0.33

Source: Ministry of Economy

\* Excluding islands

Figure 6.2.1. Area of the United Arab Emirates \*



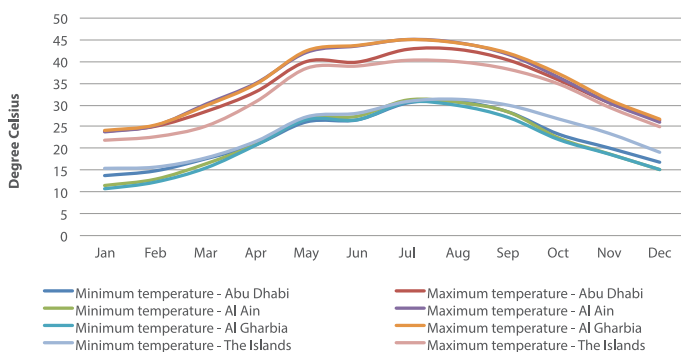
Source: Ministry of Economy

\* Excluding islands

## 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 characterised 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 Centre of Meteorology and Seismology provides Statistics Centre - 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 Gharbia and the islands.

**Figure 6.2.2. Average maximum and minimum air temperature by month and region, 2012**



**Source:** Statistics Centre- Abu Dhabi

### 6.2.2. Air Temperature by Month - Abu Dhabi , 2012

(Degree Celsius)

Month	Absolute minimum	Average minimum	Absolute maximum	Average maximum
January	5.9	13.8	30.9	24.0
February	7.9	14.9	32.3	25.1
March	7.7	17.7	40.0	28.5
April	14.2	20.9	43.9	33.1
May	20.2	26.1	46.1	40.0
June	19.5	26.6	47.6	39.8
July	24.8	30.5	48.9	42.8
August	25.4	30.8	48.3	42.8
September	21.1	28.4	46.4	40.3
October	15.7	23.3	42.4	35.7
November	12.5	20.1	36.0	30.5
December	8.1	16.9	32.7	26.5

Source: Statistics Centre- Abu Dhabi

### 6.2.3. Air Temperature by Month - Al Ain, 2012

(Degree Celsius)

Month	Absolute minimum	Average minimum	Absolute maximum	Average maximum
January	4.1	11.5	30.2	23.8
February	5.6	13.0	32.3	25.3
March	5.5	16.5	38.8	30.2
April	12.9	21.0	44.2	35.1
May	21.5	26.8	47.9	42.1
June	21.8	27.4	49.0	43.6
July	25.5	31.2	49.9	45.0
August	19.4	30.6	49.8	44.3
September	23.0	28.4	47.5	41.6
October	17.1	22.4	43.4	36.3
November	11.7	18.8	35.6	30.5
December	8.7	15.2	33.2	26.0

Source: Statistics Centre- Abu Dhabi

#### 6.2.4. Air Temperature by Month - Al Gharbia , 2012

(Degree Celsius)

Month	Absolute minimum	Average minimum	Absolute maximum	Average maximum
January	1.9	10.7	32.6	24.1
February	5.8	12.3	34.5	25.4
March	4.8	15.5	40.1	29.9
April	15.1	20.8	44.0	34.9
May	21.3	26.7	48.1	42.5
June	20.2	26.6	49.4	43.7
July	25.3	30.6	50.1	45.0
August	25.2	29.9	49.6	44.2
September	21.1	27.1	48.0	41.9
October	16.7	22.0	42.5	37.2
November	12.9	18.7	36.2	31.2
December	6.3	15.2	32.3	26.7

**Source:** Statistics Centre- Abu Dhabi

#### 6.2.5. Air Temperature by Month - The Islands, 2012

(Degree Celsius)

Month	Absolute minimum	Average minimum	Absolute maximum	Average maximum
January	7.1	15.4	32.2	21.9
February	7.6	15.7	33.5	22.7
March	10.4	17.9	40.7	25.2
April	17.2	21.7	43.0	30.8
May	22.9	27.3	47.4	38.5
June	21.1	28.1	45.6	38.9
July	25.5	30.8	47.0	40.3
August	26.6	31.3	47.3	39.9
September	23.2	29.9	44.5	38.2
October	19.5	26.8	39.9	34.8
November	17.1	23.5	36.0	29.5
December	12.8	19.1	31.9	25.0

**Source:** Statistics Centre- Abu Dhabi

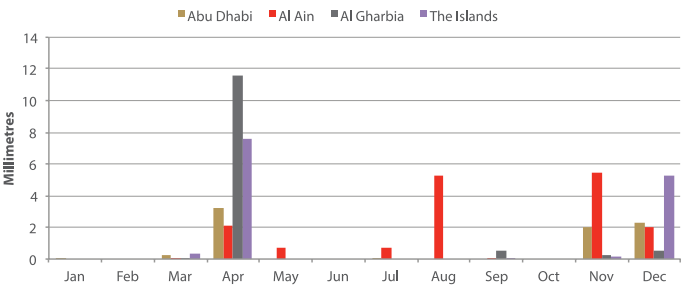
6.2.6. Average Rainfall by Month and Region, 2012

(Millimetres)

Month	Abu Dhabi	Al Ain	Al Gharbia	The Islands
January	0.0	0.0	0.0	0.0
February	0.0	0.0	0.0	0.0
March	0.2	0.1	0.1	0.3
April	3.2	2.1	11.6	7.6
May	0.0	0.7	0.0	0.0
June	0.0	0.0	0.0	0.0
July	0.0	0.7	0.0	0.0
August	0.0	5.3	0.0	0.0
September	0.0	0.0	0.5	0.1
October	0.0	0.0	0.0	0.0
November	2.0	5.5	0.2	0.2
December	2.3	2.0	0.5	5.3

Source: Statistics Centre- Abu Dhabi

Figure 6.2.3. Average Rainfall by Month and Region, 2012



Source: Statistics Centre- Abu Dhabi

### 6.2.7. Rainfall in Abu Dhabi and Al Ain by Month, 2012

(Millimetres)

Month	Abu Dhabi		Al Ain	
	Heaviest fall in one day	Total for month	Heaviest fall in one day	Total for month
January	0.0	0.0	0.0	0.0
February	0.0	0.0	0.0	0.0
March	0.6	0.8	0.4	0.6
April	5.2	12.9	6.6	19.1
May	0.0	0.0	6.0	6.6
June	0.0	0.0	0.0	0.0
July	0.0	0.0	6.2	6.4
August	0.0	0.0	33.6	47.6
September	0.0	0.0	0.4	0.4
October	0.0	0.0	0.0	0.0
November	2.8	6.0	33.4	49.4
December	3.6	9.2	6.0	17.8

**Source:** Statistics Centre- Abu Dhabi

### 6.2.8. Rainfall in Al Gharbia and The Islands by Month, 2012

(Millimetres)

Month	Al Gharbia		The Islands	
	Heaviest fall in one day	Total for month	Heaviest fall in one day	Total for month
January	0.0	0.0	0.0	0.0
February	0.0	0.0	0.0	0.0
March	0.2	0.4	0.8	1.2
April	21.8	69.7	9.2	30.4
May	0.0	0.0	0.0	0.0
June	0.0	0.0	0.0	0.0
July	0.0	0.0	0.0	0.0
August	0.0	0.0	0.0	0.0
September	3.0	3.2	0.2	0.2
October	0.0	0.0	0.0	0.0
November	1.2	1.4	0.6	0.8
December	2.2	3.2	12.4	21.0

**Source:** Statistics Centre- Abu Dhabi



## 6.2.9. Average Atmospheric Pressure by Month and Region, 2012

(Hectopascal)

Month	Abu Dhabi	Al Ain	Al Gharbia	The Islands
January	1,016.5	1,016.8	1,017.4	1,018.0
February	1,015.3	1,015.4	1,016.0	1,016.7
March	1,013.7	1,013.3	1,014.4	1,015.1
April	1,009.4	1,009.2	1,009.7	1,010.4
May	1,005.0	1,005.1	1,005.4	1,005.9
June	998.8	999.0	999.4	1,000.3
July	995.3	995.8	995.6	997.0
August	997.6	998.1	997.8	999.1
September	1,002.3	1,003.5	1,002.7	1,004.4
October	1,011.0	1,011.4	1,011.3	1,012.3
November	1,013.5	1,014.1	1,014.3	1,015.2
December	1,016.5	1,015.7	1,016.2	1,017.5

Source: Statistics Centre- Abu Dhabi

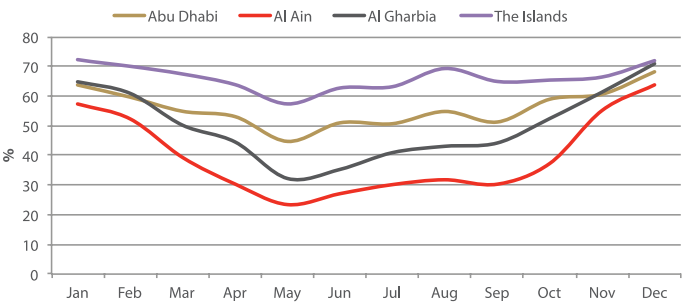
## 6.2.10. Average Relative Humidity by Month and Region, 2012

(%)

Month	Abu Dhabi	Al Ain	Al Gharbia	The Islands
January	63.7	57.3	64.9	72.0
February	59.6	52.3	60.9	70.0
March	54.9	39.3	50.2	67.4
April	53.1	30.3	44.5	63.9
May	44.7	23.4	32.2	57.4
June	51.0	27.1	35.3	62.7
July	50.7	30.2	40.9	63.1
August	54.8	31.8	43.1	69.3
September	51.2	30.3	44.2	64.9
October	58.9	37.3	52.4	65.4
November	60.6	55.2	61.3	66.4
December	68.2	63.8	70.9	71.9

Source: Statistics Centre- Abu Dhabi

Figure 6.2.4. Average Relative Humidity by Month and Region, 2012



Source: Statistics Centre- Abu Dhabi

6.2.11. Relative Humidity by Month - Abu Dhabi, 2012

(%)

Month	Monthly average	Average minimum	Average maximum
January	63.7	42.6	81.0
February	59.6	39.1	79.2
March	54.9	32.4	75.8
April	53.1	25.3	76.9
May	44.7	19.7	69.2
June	51.0	24.2	77.5
July	50.7	25.1	72.4
August	54.8	25.9	79.4
September	51.2	21.7	78.1
October	58.9	27.6	84.3
November	60.6	37.1	80.5
December	68.2	45.9	85.6

Source: Statistics Centre- Abu Dhabi

### 6.2.12. Relative Humidity by Month - Al Ain, 2012

(%)

Month	Monthly Average	Average Minimum	Average Maximum
January	57.3	31.6	83.2
February	52.3	27.2	82.2
March	39.3	17.4	64.9
April	30.3	13.0	55.7
May	23.4	8.8	46.1
June	27.1	7.1	57.0
July	30.2	12.4	52.9
August	31.8	13.3	57.8
September	30.3	12.2	53.9
October	37.3	14.3	69.0
November	55.2	29.2	82.9
December	63.8	37.4	88.9

**Source:** Statistics Centre- Abu Dhabi

### 6.2.13. Relative Humidity by Month - Al Gharbia, 2012

(%)

Month	Monthly Average	Average Minimum	Average Maximum
January	64.9	36.4	91.7
February	60.9	33.9	89.3
March	50.2	25.4	78.4
April	44.5	20.4	72.7
May	32.2	13.0	59.4
June	35.3	12.4	66.9
July	40.9	18.5	72.4
August	43.1	16.2	75.8
September	44.2	17.7	75.2
October	52.4	21.6	85.1
November	61.3	35.0	87.8
December	70.9	44.2	93.4

**Source:** Statistics Centre- Abu Dhabi

#### 6.2.14. Relative Humidity by Month - The Islands, 2012

(%)

Month	Monthly Average	Average Minimum	Average Maximum
January	72.0	54.2	86.6
February	70.0	52.2	86.1
March	67.4	47.5	86.2
April	63.9	33.8	87.4
May	57.4	27.2	85.2
June	62.7	30.3	88.6
July	63.1	33.7	88.1
August	69.3	42.5	89.5
September	64.9	38.6	86.2
October	65.4	40.8	84.1
November	66.4	49.4	81.5
December	71.9	55.3	86.9

**Source:** Statistics Centre- Abu Dhabi

#### 6.2.15. Average Wind Speed by Month and Region, 2012

(Knot\*)

Month	Abu Dhabi	AL Ain	Al Gharbia	The Islands
January	6.2	5.3	6.6	7.9
February	8.0	7.4	8.4	9.7
March	8.2	7.3	9.1	10.5
April	5.7	6.1	6.6	6.7
May	6.3	6.4	6.8	7.0
June	6.6	6.6	7.3	6.9
July	6.7	6.2	6.7	7.9
August	7.1	6.4	6.3	7.3
September	6.8	5.8	6.2	8.0
October	5.8	5.1	5.4	6.4
November	6.0	4.8	5.7	7.7
December	6.1	5.3	6.0	8.0

**Source:** Statistics Centre- Abu Dhabi

\*Knot = 1.15 mph

## 6.2.16. Wind Speed by Month - Abu Dhabi , 2012

(Knot\*)

Month	Average	Absolute Maximum	Average Maximum
January	6.2	23.1	11.3
February	8.0	30.0	14.4
March	8.2	25.8	15.0
April	5.7	31.6	13.1
May	6.3	20.5	13.0
June	6.6	22.0	13.5
July	6.7	24.7	14.6
August	7.1	23.7	14.6
September	6.8	23.3	15.0
October	5.8	33.6	12.9
November	6.0	17.9	12.4
December	6.1	26.0	12.9

**Source:** Statistics Centre- Abu Dhabi

\*Knot = 1.15 mph

## 6.2.17. Wind Speed by Month - Al Ain, 2012

(Knot\*)

Month	Average	Absolute Maximum	Average Maximum
January	5.3	31.9	11.4
February	7.4	45.2	14.6
March	7.3	37.2	14.8
April	6.1	50.0	14.3
May	6.4	34.8	14.6
June	6.6	29.5	15.0
July	6.2	30.2	14.8
August	6.4	36.1	14.9
September	5.8	27.0	13.7
October	5.1	29.0	11.9
November	4.8	22.7	10.9
December	5.3	26.4	11.5

**Source:** Statistics Centre- Abu Dhabi

\*Knot = 1.15 mph

### 6.2.18. Wind Speed by Month - Al Gharbia, 2012

(Knot\*)

Month	Average	Absolute Maximum	Average Maximum
January	6.6	33.4	12.7
February	8.4	37.2	15.5
March	9.1	38.9	17.3
April	6.6	49.8	15.2
May	6.8	31.1	15.0
June	7.3	31.5	15.9
July	6.7	35.6	14.6
August	6.3	28.9	14.1
September	6.2	26.4	14.5
October	5.4	37.3	12.3
November	5.7	24.1	11.9
December	6.0	28.8	12.2

**Source:** Statistics Centre- Abu Dhabi

\*Knot = 1.15 mph

### 6.2.19. Wind Speed by Month - The Islands, 2012

(Knot\*)

Month	Average	Absolute Maximum	Average Maximum
January	7.9	27.0	13.3
February	9.7	32.1	16.0
March	10.5	34.3	17.9
April	6.7	33.3	14.1
May	7.0	26.3	13.3
June	6.9	27.3	13.5
July	7.9	33.7	14.1
August	7.3	24.6	13.7
September	8.0	24.9	14.7
October	6.4	37.6	11.9
November	7.7	24.3	13.3
December	8.0	27.5	14.2

**Source:** Statistics Centre- Abu Dhabi

\*Knot = 1.15 mph

### 6.2.20. Average Daily Sunshine in Abu Dhabi and Al Ain by Month, 2012

(Hours)

Month	Abu Dhabi	Al Ain
January	8.3	8.8
February	9.0	9.5
March	9.3	10.1
April	8.8	10.6
May	10.9	11.2
June	11.1	11.5
July	10.5	11.1
August	10.4	10.9
September	9.8	10.3
October	9.6	9.9
November	8.2	9.1
December	7.6	8.5

Source: Statistics Centre- Abu Dhabi

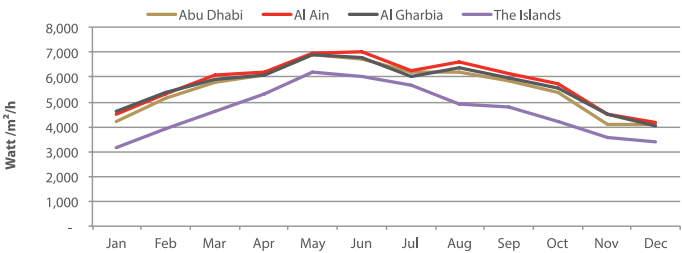
### 6.2.21. Average Daily Total Solar Radiation by Month and Region, 2012

(Watt /m<sup>2</sup>/h)

Month	Abu Dhabi	Al Ain	Al Gharbia	The Islands
January	4,211	4,488	4,605	3,153
February	5,137	5,313	5,363	3,941
March	5,804	6,065	5,899	4,597
April	6,075	6,191	6,080	5,318
May	6,909	6,988	6,912	6,227
June	6,740	6,997	6,788	6,049
July	6,176	6,276	6,003	5,661
August	6,214	6,588	6,396	4,938
September	5,868	6,155	5,961	4,802
October	5,411	5,715	5,588	4,191
November	4,077	4,526	4,478	3,567
December	4,098	4,177	4,030	3,379

Source: Statistics Centre- Abu Dhabi

Figure 6.2.5. Average Daily Total Solar Radiation by Month and Region, 2012



Source: Statistics Centre- Abu Dhabi

6.2.22. Daily Total Solar Radiation by Month - Abu Dhabi, 2012

(Watt /m²/h)

Month	Average	Minimum	Maximum
January	4,211	1,710	5,100
February	5,137	3,678	6,221
March	5,804	2,984	6,910
April	6,075	2,799	7,960
May	6,909	5,493	8,080
June	6,740	5,284	8,150
July	6,176	3,523	7,760
August	6,214	4,756	7,350
September	5,868	4,350	6,890
October	5,411	4,255	6,600
November	4,077	1,715	5,290
December	4,098	2,123	5,541

Source: Statistics Centre- Abu Dhabi



### 6.2.23. Daily Total Solar Radiation by Month - Al Ain, 2012

(Watt /m<sup>2</sup>/h)

Month	Average	Minimum	Maximum
January	4,488	2,153	5,510
February	5,313	1,770	7,010
March	6,065	3,529	7,345
April	6,191	1,750	8,247
May	6,988	5,381	8,343
June	6,997	4,877	8,778
July	6,276	4,367	8,208
August	6,588	4,045	8,043
September	6,155	3,995	7,715
October	5,715	4,501	7,051
November	4,526	1,752	6,329
December	4,177	2,609	6,334

**Source:** Statistics Centre- Abu Dhabi.

### 6.2.24. Daily Total Solar Radiation by Month - Al Gharbia, 2012

(Watt /m<sup>2</sup>/h)

Month	Average	Minimum	Maximum
January	4,605	3,158	5,330
February	5,363	3,897	6,590
March	5,899	1,858	7,334
April	6,080	1,645	7,922
May	6,912	4,821	7,975
June	6,788	5,380	8,051
July	6,003	2,308	7,774
August	6,396	3,784	7,278
September	5,961	2,405	7,122
October	5,588	4,220	6,647
November	4,478	1,195	5,524
December	4,030	1,885	4,799

**Source:** Statistics Centre- Abu Dhabi.

### 6.2.25. Daily Total Solar Radiation by Month - The Islands, 2012

(Watt /m<sup>2</sup>/h)

Month	Average	Minimum	Maximum
January	3,153	1,046	5,228
February	3,941	1,995	6,691
March	4,597	1,409	6,830
April	5,318	1,423	7,657
May	6,227	4,008	7,320
June	6,049	4,520	7,349
July	5,661	3,248	6,730
August	4,938	2,957	5,925
September	4,802	2,285	6,285
October	4,191	810	6,464
November	3,567	1,121	5,501
December	3,379	784	4,786

**Source:** Statistic 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, which has 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 2012, annual average concentration of PM10 ranged between 156 and 175 mcg/m<sup>3</sup> in the urban areas of the Emirate while annual average concentration of sulphur dioxide ranged between three and eight mcg/m<sup>3</sup>, which is below the national maximum allowable limit (60 mcg/m<sup>3</sup>).

## 6.2.26. Annual Average of Air Pollution Indicators in Urban Areas by Region and Station, 2012

(Microgram/m<sup>3</sup>)

Indicator (maximum allowable limit)	Abu Dhabi		Al Ain	Al Gharbia
	Khalifa school	Baniyas School	Al Ain School	Bida Zayed
Sulphur dioxide (60 mcg/m <sup>3</sup> )	6	3	5	8
Nitrogen dioxide	33	29	27	22
Ground level ozone	55	48	44	49
Particulate matter - PM10	175	174	156	168

Source: Environment Agency - Abu Dhabi

### 6.2.27. Average Annual Sulphur Dioxide Concentration in Ambient Air by Region \*

(Microgram/m<sup>3</sup>)

Station location	2009	2010	2011	2012
<b>Abu Dhabi</b>				
City centre - Khadija School	9	10	8	6
Urban/ residential - Khalifa School	6	8	7	6
Road side - Hamdan Street	7	10	7	5
Urban/ residential - Baniyas School	7	13	9	3
Industrial - Mussafah	9	6	7	5
<b>Al Ain</b>				
Urban/ residential - Al Ain School	3	5	9	5
Road side - Al Ain Street	4	6	7	5
<b>Al Gharbia</b>				
Urban/ residential - Bida Zayed	3	8	7	8
City centre - Gayathi School	7	6	5	4
Regional background - Liwa Oasis	3	5	5	5

**Source:** Environment Agency - Abu Dhabi

\*The annual maximum allowable limit for sulphur dioxide average concentration is 60 mcg/m<sup>3</sup>

### 6.2.28. Average Annual Nitrogen Dioxide Concentration in Ambient Air by Region

(Microgram/m<sup>3</sup>)

Station location	2009	2010	2011	2012
<b>Abu Dhabi</b>				
City centre - Khadija School	36	53	30	33
Urban/ residential - Khalifa School	41	40	29	33
Road side - Hamdan Street	49	59	46	46
Urban/ residential - Baniyas School	27	31	28	29
Industrial - Mussafah	53	59	50	43
<b>Al Ain</b>				
Urban/ residential - Al Ain School	na	29	27	27
Road side - Al Ain Street	45	35	39	36
<b>Al Gharbia</b>				
Urban/ residential - Bida Zayed	16	17	17	22
City centre - Gayathi School	17	11	13	13
Regional background - Liwa Oasis	3	4	4	3

**Source:** Environment Agency - Abu Dhabi

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

(Microgram/m<sup>3</sup>)

Station location	2009	2010	2011	2012
<b>Abu Dhabi</b>				
City centre - Khadija School	45	59	67	71
Urban/ residential - Khalifa School	34	55	72	55
Urban/ residential - Baniyas School	33	52	59	48
<b>Al Ain</b>				
Urban/ residential - Al Ain School	27	38	61	44
<b>Al Gharbia</b>				
Urban/ residential - Bida Zayed	47	67	73	49
City centre - Gayathi School	54	81	81	62
Regional background - Liwa Oasis	50	81	93	92

**Source:** Environment Agency - Abu Dhabi

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

(Microgram/m<sup>3</sup>)

Station location	2009	2010	2011	2012
<b>Abu Dhabi</b>				
City centre - Khadija School	152	126	140	157
Urban/ residential - Khalifa School	98	73	137	175
Road side - Hamdan Street	148	143	129	151
Urban/ residential - Baniyas School	71	190	203	174
Industrial - Mussafah	209	226	184	189
<b>Al Ain</b>				
Urban/ residential - Al Ain School	115	72	138	156
Road side - Al Ain Street	147	152	143	155
<b>Al Gharbia</b>				
Urban/ residential - Bida Zayed	149	102	171	168
City centre - Gayathi School	143	128	169	181
Regional background - Liwa Oasis	147	152	168	217

**Source:** Environment Agency - Abu Dhabi

### 6.2.31. Average Annual Carbon Monoxide Concentration in Ambient Air by Region

(Microgram/m<sup>3</sup>)

Station location	2009	2010	2011	2012
<b>Abu Dhabi</b>				
Road side - Hamdan Street	1.1	1.0	0.9	0.7
<b>Al Ain</b>				
Road side - Al Ain Street	1.4	0.9	1.0	0.9

**Source:** Environment Agency - Abu Dhabi

### 6.2.32. Average Annual Noise Level by Region

(Decibels)

Station location	2009	2010	2011	2012
<b>Abu Dhabi</b>				
City centre - Khadija School	57.6	57.4	59.6	60.1
Urban/ residential - Khalifa School	52.3	53.0	54.2	46.0
Road side - Hamdan Street	65.5	66.6	66.6	59.8
Urban/ residential - Baniyas School	51.0	53.1	55.5	56.8
Industrial - Mussafah	49.6	48.3	46.0	44.6
<b>Al Ain</b>				
Urban/ residential - Al Ain School	49.7	48.9	50.7	51.2
Road side - Al Ain Street	62.1	61.6	62.4	62.6
<b>Al Gharbia</b>				
Urban/ residential - Bida Zayed	54.3	na	51.3	51.2
City centre - Gayathi School	50.7	50.6	53.0	na
Regional background - Liwa Oasis	53.7	50.6	46.1	47.4

**Source:** Environment Agency - Abu Dhabi

### 6.2.33. Sulphur Dioxide Emissions - Oil and Gas Sector

(Tons)

Business sector	2005	2010	2011	2012
<b>Total</b>	<b>262,539</b>	<b>219,022</b>	<b>208,025</b>	<b>241,799</b>
Exploration and production	103,516	153,500	147,263	180,511
Independent operators	*	52,790	45,076	44,299
Shared services	**	74	na	188
Marketing and refining	10,040	12,318	15,183	16,264
Gas processing	148,743	*	*	*
Petrochemicals	240	340	503	537

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

\* Included in exploration and production.

\*\* New business sector.

### 6.2.34. Nitrogen Oxides Emissions - Oil and Gas Sector

(Tons)

Business sector	2005	2010	2011	2012
<b>Total</b>	<b>56,225</b>	<b>58,901</b>	<b>66,105</b>	<b>69,283</b>
Exploration and production	16,655	29,288	33,999	33,480
Independent operators	*	2,336	2,427	2,426
Shared services	**	802	na	1,442
Marketing and refining	17,795	23,430	26,079	27,842
Gas processing	20,263	*	*	*
Petrochemicals	1,512	3,045	3,600	4,094

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

\* Included in exploration and production.

\*\* New business sector.

### 6.2.35. Volatile Organic Compounds Emissions - Oil and Gas Sector

(Tons)

Business sector	2005	2010	2011	2012
<b>Total</b>	<b>64,915</b>	<b>62,170</b>	<b>85,420</b>	<b>230,221</b>
Exploration and production	47,490	51,464	55,003	56,212
Independent operators	*	1,166	1,013	1,196 **
Marketing and refining	8,222	7,808	27,692	170,174
Gas processing	8,503	*	*	*
Petrochemicals	700	1,732	1,712	2,639

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

\* Included in exploration and production.

\*\* Shared Services included..

### 6.2.36. Air Pollutant Total Emissions - Oil and Gas Sector

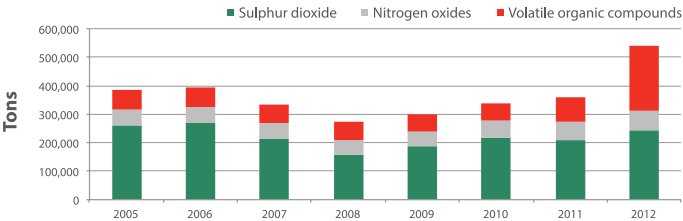
(Tons)

Pollutant	2005	2010	2011	2012
<b>Total</b>	<b>383,679</b>	<b>340,093</b>	<b>359,550</b>	<b>541,303</b>
Sulphur dioxide (SO <sub>2</sub> )	262,539	219,022	208,025	241,799
Nitrogen oxides (NOx)	56,225	58,901	66,105	69,283
Volatile organic compounds (VOC)	64,915	62,170	85,420	230,221

**Source:** Abu Dhabi National Oil Company - ADNOC, Statistic Centre- Abu Dhabi



Figure 6.2.6. Air Pollutant Total Emissions - Oil and Gas Sector



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

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

(Tons)

Pollutant	2005	2010	2011	2012
Total	0.28	0.17	0.17	0.23
Sulphur dioxide (SO <sub>2</sub> )	0.19	0.11	0.10	0.10
Nitrogen oxides (NOx)	0.04	0.03	0.03	0.03
Volatile organic compounds (VOC)	0.05	0.03	0.04	0.10

Source: Statistics Centre- Abu Dhabi

6.2.38. Carbon Dioxide Emissions - Oil and Gas Sector

(Million tons)

Business Sector	2006	2010	2011	2012
Total	23.0	23.0	27.9	26.4
Exploration and production	16.0	15.0	17.1	16.6
Independent operators *	1.0	1.0	1.0	0.7
Marketing and refining	5.0	4.0	6.3	5.7
Petrochemicals	1.0	3.0	3.4	3.4

Source: Abu Dhabi National Oil Company - ADNOC

\* Shared Services included.

### 6.2.39. Per Capita Carbon Dioxide Emissions - Oil and Gas Sector

(Tons)

Business Sector	2006	2010	2011	2012
<b>Total</b>	<b>15.7</b>	<b>11.7</b>	<b>13.1</b>	<b>11.3</b>
Exploration and production	10.9	7.6	8.1	7.1
Independent operators	0.7	0.5	0.5	0.3
Marketing and refining	3.4	2.0	3.0	2.5
Petrochemicals	0.7	1.5	1.6	1.5

**Source:** Statistics Centre- Abu Dhabi

### 6.2.40. Sulphur Dioxide Emissions - Water and Electricity Production Sector

(Tons)

Source	2005	2010	2011	2012
<b>Total</b>	<b>1,141.1</b>	<b>4,240.0</b>	<b>2,134.0</b>	<b>1,572.1</b>
Arabian Power Company	841.0	2,314.0	781.0	449.3
Shuweihat CMS International Power Company	108.0	372.8	330.0	254.0
Emirates CMS Power Company	173.8	215.8	67.0	73.2
Gulf Total Tractebel Power Company	15.6	21.0	21.0	20.1
Taweelah Asia Power Company	na	1,309.7	833.0	373.0
Al Mirfa Power and Distillation Plant	2.3	6.7	4.0	179.0
Madinat Zayed Power Plant	0.3	na	na	0.5
Ruwais Power Company	na	na	98.0	223.0

**Source:** Abu Dhabi Water and Electricity Authority - ADWEA

#### 6.2.41. Nitrogen Oxides Emissions - Water and Electricity Production Sector

(Tons)

Source	2005	2010	2011	2012
<b>Total</b>	<b>25,161.27</b>	<b>13,481.09</b>	<b>13,497.00</b>	<b>12,395.00</b>
Arabian Power Company	18,510.00	4,759.00	4,251.00	3,250.00
Shuweihat CMS International Power Company	889.00	2,927.10	2,428.00	2,299.00
Emirates CMS Power Company	831.18	545.79	208.00	310.00
Gulf total Tractebel Power Company	1,958.04	2,724.00	2,725.00	2,249.00
Taweelah Asia Power Company	2,368.00	2,350.85	2,457.00	2,119.00
Al Mirfa Power and Distillation Plant	526.25	174.35	912.00	680.00
Madinat Zayed Power Plant	78.80	na	na	13.00
Ruwais Power Company	na	na	516.00	1,475.00

**Source:** Abu Dhabi Water and Electricity Authority - ADWEA

#### 6.2.42. Volatile Organic Compounds Emissions - Water and Electricity Production Sector

(Tons)

Source	2005	2010	2011	2012
<b>Total</b>	<b>167.1</b>	<b>189.0</b>	<b>232.0</b>	<b>184.8</b>
Gulf Total Tractebel Power Company	143.3	189.0	196.0	184.5
Al Mirfa Power and Distillation Plant	20.7	na	36.0	na
Madinat Zayed Power Plant	3.1	na	na	0.3

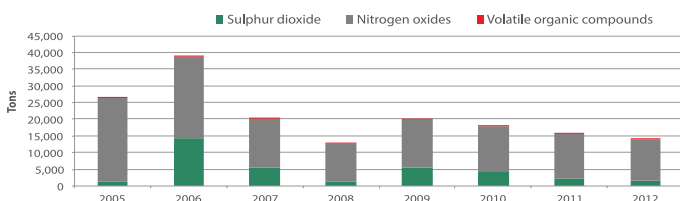
**Source:** Abu Dhabi Water and Electricity Authority - ADWEA

### 6.2.43. Air Pollutant Total Emissions - Water and Electricity Production Sector (Tons)

Pollutant	2005	2010	2011	2012
<b>Total</b>	<b>26,469.4</b>	<b>17,910.1</b>	<b>15,863.0</b>	<b>14,151.9</b>
Sulphur dioxide (SO <sub>2</sub> )	1,141.1	4,240.0	2,134.0	1,572.1
Nitrogen oxides (NOx)	25,161.3	13,481.1	13,497.0	12,395.0
Volatile organic compounds (VOC)	167.1	189.0	232.0	184.8

**Source:** Abu Dhabi Water and Electricity Authority - ADWEA, Statistic Centre - Abu Dhabi

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



**Source:** Abu Dhabi Water and Electricity Authority - ADWEA, Statistics Centre - Abu Dhabi

#### 6.2.44. Carbon Dioxide Emissions - Water and Electricity Production Sector (Million tons)

Source	2005	2010	2011	2012
<b>Total</b>	<b>19.8</b>	<b>27.1</b>	<b>28.8</b>	<b>30.9</b>
Arabian Power Company	7.3	8.0	7.2	6.9
Shuweihat CMS International Power Company	2.3	5.3	4.9	5.0
Emirates CMS Power Company	2.7	2.5	2.4	2.6
Gulf Total Tractebel Power Company	3.0	4.1	4.2	4.0
Taweelah Asia Power Company	4.0	7.2	8.2	8.6
Al Mirfa Power and Distillation Plant	0.5	0.0	0.8	1.1
Madinat Zayed Power Plant	0.1	na	na	na
Ruwais Power Company	na	na	1.0	2.8

**Source:** Abu Dhabi Water and Electricity Authority - ADWEA

#### 6.2.45. Other Emissions - Water and Electricity Production Sector (Tons)

Pollutant	2005	2010	2011	2012
Carbon monoxide (CO)	3,505.66	5,236.34	7,338.00	6,997.00
Lead (Pb)	0.02	0.02	0.02	0.02
Methane (CH <sub>4</sub> )	69.94	79.00	96.85	78.30
Nitrous oxide (N <sub>2</sub> O)	18,526.67	4,821.94	4,273.79	na

**Source:** Abu Dhabi Water and Electricity Authority - ADWEA.

## Water

The rapid economic and agricultural development and sharp population increase in the Emirate of Abu Dhabi has lead 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 74% of the Emirate's total treated wastewater in 2012, while Al Gharbia came last in this regard, producing only 5% of the total.

### 6.2.46. Total Non-Conventional Water Resources by Type

(Million cubic metre)

Type	2005	2010	2011	2012
<b>Total</b>	<b>770.0</b>	<b>999.3</b>	<b>1,095.0</b>	<b>1,198.1</b>
<b>Desalinated water consumption</b>	667.0	873.0	961.5	1,059.2
<b>Treated wastewater reuse</b>	103.0	126.3	133.5	138.8

**Source:** Statistics Centre - Abu Dhabi

### 6.2.47. Quantity of Treated Wastewater by Region

(Million cubic metre)

Region	2005	2010	2011	2012
<b>Total</b>	<b>148.3</b>	<b>246.6</b>	<b>243.1</b>	<b>265.4</b>
Abu Dhabi	113.9	183.0	181.0	196.4
Al Ain	33.0	54.8	52.3	55.9
Al Gharbia	1.4	8.8	9.8	13.1

**Source:** Abu Dhabi Sewerage Services Company.

#### 6.2.48. Quantity of Treated Wastewater Reuse by Region

(Million cubic metre)

Region	2005	2010	2011	2012
<b>Total</b>	<b>103.0</b>	<b>126.3</b>	<b>133.5</b>	<b>138.8</b>
Abu Dhabi	69.7	65.5	73.0	75.4
Al Ain	31.9	52.0	51.5	54.8
Al Gharbia	1.4	8.8	9.0	8.6

**Source:** Abu Dhabi Sewerage Services Company.

#### 6.2.49. Total Capacity of Wastewater Treatment Plants by Region

(Million cubic metre)

Region	2005	2010	2011	2012
<b>Total</b>	<b>135.8</b>	<b>437.0</b>	<b>436.9</b>	<b>405.2</b>
Abu Dhabi	95.9	360.3	360.3	328.6
Al Ain	29.4	65.4	65.3	65.3
Al Gharbia	10.5	11.3	11.3	11.3

**Source:** Abu Dhabi Sewerage Services Company.

#### 6.2.50. Total Capacity of Conventional Wastewater Treatment Plants by Region

(Million cubic metre)

Region	2005	2010	2011	2012
<b>Total</b>	<b>134.4</b>	<b>419.9</b>	<b>414.4</b>	<b>404.6</b>
Abu Dhabi	95.9	343.8	343.8	328.6
Al Ain	29.2	65.0	59.5	65.0
Al Gharbia	9.3	11.1	11.1	11.1

**Source:** Abu Dhabi Sewerage Services Company

#### 6.2.51. Total Non-Conventional Wastewater Treatment Plants Capacity by Region

(Million cubic metre)

Region	2005	2010	2011	2012
<b>Total</b>	<b>1.4</b>	<b>22.6</b>	<b>17.0</b>	<b>0.6</b>
Abu Dhabi	na	16.4	16.4	0.0
Al Ain	0.2	5.9	0.3	0.3
Al Gharbia	1.2	0.3	0.3	0.3

**Source:** Abu Dhabi Sewerage Services Company

# Waste

The interest in waste management and treatment increases with the increase 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, and are tackled to reduce their effect on environment, health, and aesthetics.

Total amount of waste generated in 2012 reached about 12.8 million tons in the Emirate of Abu Dhabi with a rate of 35 thousand tons per day. The demolition and construction activity accounts for 75% of total waste generated, whereas the amount of solid municipal waste reached about 1,272.7 thousand tons of which 70% was from Abu Dhabi Region.

## 6.2.52. Non-Hazardous Solid Waste Generation by Region and Source Activity, 2012

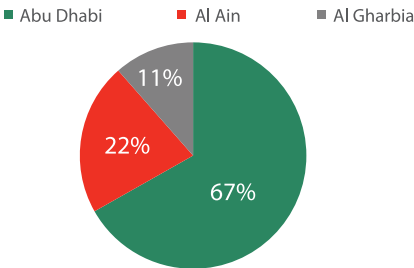
(Tons)

Source	Total	Abu Dhabi	Al Ain	Al Gharbia
Total	12,765,163	8,527,782	2,771,098	1,466,283
Daily average	34,973	23,364	7,592	4,017
Construction and demolition waste	9,628,309	6,694,919	1,881,040	1,052,350
Industrial and commercial waste	804,173	450,210	201,523	152,440
Agriculture waste	898,258	345,305	383,236	169,717
Municipal waste	1,272,668	892,895	293,042	86,731
Other*	161,755	144,453	12,257	5,045

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

\* Includes sludge and oil and gas sector waste.

Figure 6.2.8. Percentage Distribution of Non-Hazardous Solid Waste Generation by Region, 2012



Source: Statistics Centre - Abu Dhabi



# Health and safety

Food safety and occupational health and safety are two major areas that receive a great deal of attention from the government of the Emirate of Abu Dhabi. In 2011, there were 71 cases of fatal occupational incidents and 12 fatal occupational road accidents in the Emirate of Abu Dhabi. There were 1,356 cases of foodborne illnesses and food poisoning caused by consuming foods or drinks contaminated with bacteria and viruses.

## 6.2.53. Number of Food Poisoning and Foodborne Illnesses by Type

Type	2008	2009	2010	2011
Total	489	1,114	1,259	1,356
Salmonella	47	205	90	na
Other food poisoning	85	309	471	667
Typhoid fever	117	133	335	394
Viral hepatitis A	212	181	193	138
Giardia lamblia	na	36	55	82
Bacillary dysentery	na	52	51	na
Bacterial dysentery	na	123	na	na
Paratyphoid fever	12	30	12	na
Brucellosis	na	45	52	75
Other	16	na	na	na

Source: Health Authority - Abu Dhabi

#### 6.2.54. Occupational Injury Deaths

Injury Category	2008	2009	2010	2011
<b>Total</b>	<b>76</b>	<b>108</b>	<b>101</b>	<b>83</b>
Occupational injury	68	82	75	71
Occupational RTI	8	26	26	12
% of occupational RTI from total RTI	1.9	6.0	7.4	3.6

**Source:** Health Authority - Abu Dhabi

#### 6.2.55. Occupational Health and Safety Incidents - Oil and Gas Sector

Item	2005	2010	2011	2012
Fatality incidents	6	4	18	12
Fatality non recordable	na	11	19	23
Disability incident	0	0	17	3
Lost time injury incidents	53	66	110	89
Medical treatment case	123	144	279	388
Restricted workday case	41	58	1	68
Journey incident	na	na	na	na
Occurrence of occupational disease	na	na	na	397
Road traffic incidents	171	177	284	365
Near miss	na	30,186	50,624	58788*

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

\* Includes serious near miss incidents.

#### 6.2.56. Rate of Injuries and Incidents Registered per Million Man-Hours Worked - Oil and Gas Sector

Item	2005	2010	2011	2012
<i>Number of working hours (million hours)</i>	171.0	355.0	588.5	865.0
Lost time injury frequency rate (LTIFR)	0.3	0.2	0.2	0.1
Lost time injury severity rate (LTISR)	na	na	na	na
Total reportable case frequency (TRCF)	1.3	0.8	0.6	0.6
Fatal accident rate (FAR)	3.5	1.1	3.1	1.4

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

#### 6.2.57. Occupational Health and Safety Incidents - Water and Electricity Production Sector

Item	2005	2010	2011	2012
Fatality incidents	1	6	0	4
Fatality non recordable	0	0	0	0
Disability incident	0	1	0	1
Lost time injury incidents	9	22	12	23
Medical treatment case	5	472	8	12
Restricted workday case	0	1	0	4
Journey incident	0	0	na	1
Reporting dangerous occurrence	0	4	10	7
Occurrence of occupational disease	0	0	0	0
Road traffic incidents	44	3	1	1
Near miss	47	596	1,355	2,229

**Source:** Abu Dhabi Water and Electricity Authority - ADWEA

#### 6.2.58. Rate of Injuries and Incidents Registered per Million Man-Hours Worked - Water and Electricity Production Sector

Item	2005	2010	2011	2012
<i>Number of working hours (million hours)</i>	9.9	42.1	36.1	62.0
Lost time injury frequency rate (LTIFR)	0.9	0.5	0.3	0.4
Lost time injury severity rate (LTISR)	2.1	17.1	7.5	9.4
Total reportable case frequency (TRCF)*	0.1	11.3	0.5	0.6

**Source:** Abu Dhabi Water and Electricity Authority - ADWEA

\*Includes Fatal Accident Rate (FAR)